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CALENDAR

First Term, 1921-22

Sept. 13	Tuesday	Entrance examinations begin.
Sept. 21	Wednesday	Academic year begins. Registration of new students. Scholarship examinations begin.
Sept. 27	Tuesday	Instruction begins in the Medical College in New York City.
Sept. 22	Thursday	Registration of new students.
Sept. 23	Friday	Registration of old students.
Sept. 26	Monday	Instruction begins in all departments of the University in Ithaca. President's annual address to the students at 12 m.
Oct. 14	Friday	Last day for payment of tuition.
Nov. 9	Wednesday	Winter Courses in Agriculture begin.
Nov. 24	Thursday	Thanksgiving Recess.
Dec. 15	Thursday	The latest date for announcing subjects of theses for advanced degrees in June.
Dec. 22	Thursday	Instruction ends
Jan. 5	Thursday	Instruction resumed
Jan. 11	Wednesday	Founder's Day.
Jan. 10	Tuesday	The '94 Memorial Prize Competition.
Jan. 28	Saturday	Instruction ends.
Jan. 30	Monday	Term examinations begin.

Second Term, 1921-22

Feb. 8	Wednesday	Last day for completing requirements for advanced degrees to be conferred in February.
Feb. 10-11	Fri., Sat.	Registration of all students.
Feb. 13	Monday	Instruction begins.
Feb. 17	Friday	Winter Courses in Agriculture end.
Mar. 3	Friday	Last day for payment of tuition.
Mar. 15	Wednesday	The latest date for filing applications for fellowships and scholarships in the Graduate School.
Apr. 5	Wednesday	Instruction ends
Apr. 12	Wednesday	Instruction resumed
Apr. 12	Wednesday	The latest date for presenting Woodford Orations.
May 5	Friday	The Woodford Prize Competition.
May 19	Friday	The '86 Memorial Prize Competition.
May 27	Saturday	Navy Day.
June 6	Tuesday	Term examinations begin.
June 8	Thursday	Commencement of the Medical College in New York City.
June 17	Saturday	Last day for completing requirements for advanced degrees to be conferred at Commencement.
June 21	Wednesday	Fifty-Fourth Annual Commencement.
Summer Term (in the College of Agriculture) 1921-22		
June 17	Saturday	Registration.
June 19	Monday	Instruction begins.
Sept. 9	Saturday	Term ends.

Summer Session 1922

July 8	Saturday	Summer Session begins.
Aug. 18	Friday	Summer Session ends.

Summer School in Agriculture, 1922

July 8	Saturday	Summer School begins.
Aug. 18	Friday	Summer School ends.

CORNELL UNIVERSITY

FOUNDATION AND ENDOWMENT

"I would found an institution where any person can find instruction in any study."—EZRA CORNELL.

Cornell University was incorporated by the legislature of the State of New York on April 27, 1865, and to the University there were appropriated the proceeds of the sale of land scrip representing nine hundred and ninety thousand acres of public lands granted to the State in accordance with the provisions of an Act of Congress, approved on July 2, 1862. The amount realized from the State's sale of this land scrip was \$688,576.12.

Toward the endowment and maintenance of the new university, EZRA CORNELL, at its foundation, donated \$500,000, and two hundred acres of land with useful buildings, along with several smaller gifts for special purposes.

A large portion of the land scrip sold by the State of New York was purchased by EZRA CORNELL under contract providing that the profits derived from the sale of the lands should accrue to Cornell University. Under this contract of purchase, and by the wise administration of EZRA CORNELL and the Board of Trustees through its Land Committee, of which Henry W. Sage was for many years chairman, Cornell University has up to July 1, 1922, realized \$5,049,121.92.

Cornell University was opened on October 7, 1868.

The lands and buildings and the equipment of the University have an estimated value of \$9,890,162.72. The productive and other funds of the University amount to \$19,565,623.97.

The current income of the University for the year 1921-22 was \$5,526,203.38. Of this amount, \$1,188,162.12 consisted of tuition and laboratory fees; \$1,926,486.70 was appropriated by the State of New York for the College of Agriculture and the Veterinary College; the residue of \$2,411,554.56 came from general investments and from miscellaneous sources. Gifts during the year amounted to \$597,105.05.

The expenses of the University for the corresponding period were \$5,694,498.96. The salaries of members of the instructing staff amounted to \$1,822,348.29; departmental expenses were \$899,632.32.

A detailed statement of the finances of the University is included in the annual report of the Comptroller, which accompanies the annual report of the President; this may be had gratis on application to the Secretary of the University.

GOVERNMENT OF THE UNIVERSITY

The government of Cornell University is vested in a President elected by the Board of Trustees, and a Board of Trustees, consisting of the President of the University and forty-two other members, of whom seven are ex officio, viz.: the Governor of the State of New York, the Lieutenant-Governor, the Speaker of the Assembly, the Commissioner of Education, the Commissioner of Agriculture, the President of the State Agricultural Society, and the Librarian of the Cornell Library. The eldest lineal male descendant of Ezra Cornell is a trustee during his life. Of the remaining thirty-four members, fifteen are elected by

co-optation for a term of five years, ten are elected by the alumni of Cornell University to serve for five years, five are appointed by the Governor of the State of New York for the same term of service, three are elected by the University Faculty for terms of one, two, and three years, and one is annually elected by the State Grange.

BOARD OF TRUSTEES

Frank H. Hiscock, Chairman

The President of the University	Livingston Farrand, Ithaca
The Governor of New York	Nathan L. Miller, Albany
The Lieutenant-Governor	Jeremiah Wood, Albany
The Speaker of the Assembly	H. E. Machold, Albany
The Commissioner of Education	Frank P. Graves, Albany
The Commissioner of Agriculture	Berne A. Pyrke, Albany
The President of the State Agr. Society	Albert L. Brockway, Syracuse
The Librarian of the Cornell Library (City)	Ebenezer T. Turner, Ithaca
Charles Ezra Cornell, A.B., LL.B.	Ithaca
*Jared T. Newman, Ph.B., LL.B.	(B) Ithaca
*Mynderse Van Cleef, B.S.	(B) Ithaca
*Robert H. Treman, B.M.E.	(B) Ithaca
*John C. Westervelt, B.S. in Arch.	(A) 36 W. 34th St., New York City
*Mrs. Harriet Moody, B.Litt.	(A) 2970 Ellis Ave., Chicago, Ill.
*Thomas B. Wilson	(G) Hall, N. Y.
Henry Herman Westinghouse	(B) 165 Broadway, New York City
Charles E. Treman, B.L.	(B) Ithaca
Roger B. Williams, A.M.	(B) Ithaca
Cuthbert W. Pound	(A) Court House, Lockport
John L. Senior, LL.B.	(A) Cement City, Mich.
J. Du Pratt White, B.L.	(G) 14 Wall St., New York City
Charles H. Blood, Ph.B., LL.B.	(B) Ithaca
Henry W. Sackett, A.B.	(B) Tribune Building, New York City
C. Sidney Shepard, A.B., LL.B.	(B) New Haven, Oswego Co., N. Y.
Edwin N. Sanderson, M. E.	(A) 52 William St., New York City
Roger H. Williams, Ph.B., LL.B., M.A., J.D.	(A) Nat'l Bank of Commerce, New York City
George A. Blauvelt, B.L.	(G) 61 Broadway, New York City
Henry R. Ickelheimer, B.L.	(B) Box 754, City Hall Station, New York City
Charles M. Schwab	(B) 111 Broadway, New York City
George F. Baker	(B) First Nat'l Bank, New York City
George J. Tansey, B.L.	(A) 1618 Boatmen's Bank, St. Louis, Mo.
Louis L. Seaman, A.B., LL.B., M.D., LL.D.	(A) 247 Fifth Ave., New York City
Horace White, A.B., LL.B.	(G) White Memorial Bldg., Syracuse
Walter P. Cooke, LL.B.	(B) Marine Bank Bldg., Buffalo
Frank H. Hiscock, A.B., LL.D.	(B) Court House, Syracuse

*Term of office expires in 1922, the next group of six in 1923, etc. B, elected by the Board; A, elected by Alumni; G, appointed by Governor; Gr, elected by State Grange for 1921-22.

Ira A. Place, A.B.	(B)	Grand Central Terminal, New York City
Herbert D. Mason, LL.B.	(A)	903 Kennedy Bldg., Tulsa, Okla.
Ezra B. Whitman, C. E.	(A)	615 Munsey Bldg., Baltimore, Md.
Frank H. Miller, V.S.	(G)	146 W. 54th St., New York City
William F. Pratt	(Gr)	206 State St., Batavia, N. Y.

FACULTY REPRESENTATIVES

Charles H. Hull, Ph.B.	(till January 1, 1922)	Ithaca
Simon H. Gage, B.S.	(till January 1, 1923)	Ithaca
Edward L. Nichols, B.S., Ph.D., LL.D.	(till January 1, 1924)	Ithaca
James P. Hall, A.B., LL.B.	(till January 1, 1925)	1308 E. 58th St., Chicago, Ill.

OFFICERS

Livingston Farrand, A.B., M.D., L.H.D. LL.D.	President of the University
Charles D. Bostwick, A.B., LL.B.	Comptroller of the University
David F. Hoy, M.S.	Registrar of the University
Charles E. Curtis, B.C.E.	Superintendent of Buildings and Grounds
Woodford Patterson, A.B.	Secretary of the University
George F. Rogalsky, A.B.	Treasurer of the University
Charles D. Bostwick, A.B., LL.B.	Secretary of the Board of Trustees

STANDING COMMITTEES OF THE BOARD OF TRUSTEES

- Committee on General Administration: Mynderse Van Cleef, *Chairman*, The President, Charles E. Cornell, Roger B. Williams, J. DuPratt White, Thomas B. Wilson, Henry H. Westinghouse, Charles E. Treman, Cuthbert W. Pound, Robert H. Treman, John L. Senior.
- Committee on Finance: Roger B. Williams, *Chairman*, The President, Robert H. Treman, Henry R. Ickelheimer, C. Sidney Shepard, Walter P. Cooke.
- Committee on Buildings and Grounds: J. DuPratt White, *Chairman*, The President, Henry W. Sackett, Charles H. Blood, Edwin N. Sanderson, Henry H. Westinghouse.
- Agricultural College Council: The President, *Chairman*, Thomas B. Wilson, Frank H. Miller, George A. Blauvelt, J. DuPratt White, Horace White, Albert L. Brockway, Berne A. Pyrke, Frank P. Graves, William F. Pratt, Jared T. Newman, Albert R. Mann, George J. Tansey, Veranus A. Moore, George A. Works, James E. Rice.
- Medical College Council: The President, *Chairman*, Henry R. Ickelheimer, Henry H. Westinghouse, Ira A. Place, Walter L. Niles, Lewis A. Connor, James Ewing.
- Veterinary College Council: The President, *Chairman*, Thomas B. Wilson, Frank H. Miller, J. DuPratt White, George A. Blauvelt, Horace White, Albert L. Brockway, Berne A. Pyrke, Frank P. Graves, William F. Pratt, Jared T. Newman, George J. Tansey, Veranus A. Moore, Pierre A. Fish, Albert R. Mann.
- Graduate School Council: The President, *Chairman*, Cuthbert W. Pound, Roger B. Williams, Robert H. Treman, James E. Creighton, Ernest Merritt, Carl Becker.

THE PRESIDENTS OF CORNELL UNIVERSITY

1867-1885	Andrew Dickson White
1885-1892	Charles Kendall Adams
1892-1920	Jacob Gould Schurman
1921—	Livingston Farrand

CORNELL UNIVERSITY

1. **The University.** Cornell University comprehends the Graduate School; the College of Arts and Sciences; the College of Law; the Medical College (including the Medical College in New York City and the Ithaca Division of the Medical College); the New York State Veterinary College; the New York State College of Agriculture; the College of Architecture; the College of Engineering (comprising the School of Civil Engineering, the Sibley School of Mechanical Engineering, and the School of Electrical Engineering). The New York State College of Agriculture and the New York State Veterinary College are administered by Cornell University, and their work is organically connected with that of the University.

2. **The University Faculty.** The University Faculty consists of the President of the University, who is ex officio the presiding officer, and the Professors and Assistant Professors who are members of the special faculties, the Librarian any the Assistant Librarians in the University Library, the Registrar, the Secretart of the University, and the Dean of Women. The Professors and Assistand Professors in the departments of (1) Military Science and Tactics, (2) Physical Education and Training, and (3) Hygiene and Preventive Medicine are not members of any special Faculty but are members of the University Faculty. It is the function of the University Faculty to consider questions which concern more than one college and questions of University policy, and it has disciplinary jurisdiction over students of the University except for unsatisfactory work, for which, discipline is entrusted to the respective special faculties.

3. **The Faculty of the Graduate School.** The Faculty of the Graduate School consists of the President, who is ex officio the presiding officer, and all Professors and Assistant Professors who are actively engaged in supervising the work of graduate students as members of the special committees in charge of major and minor subjects. Instructors who hold the Doctor's degree are also eligible for membership in the special committees in charge of the work of graduate students.

4. **The College Faculties.** Each special faculty, except that of the Graduate School, is composed of the President, who is ex officio the presiding officer, and all Professors, Assistant Professors, and Instructors who give instruction to regular students in the department or departments under the charge of that Faculty or to graduate students in the corresponding division of the Graduate School, but instructors do not have the right to vote until after four years of service as such, here or in an institution of equal academic standing. The Librarian of the College of Agriculture is a member of the Faculty of Agriculture but not a member of the University Faculty. The Secretary of the Ithaca Division of the Medical College, who is the executive officer thereof, is a member ex officio of the Faculty of Medicine in New York City, and the Dean of the Medical College in New York City is a member ex officio of the Faculty of Medicine in Ithaca. Subject to the right of revision by the University Faculty on all matters affecting general University policy, it is the duty of each special faculty to determine the entrance requirements for its own students; to prescribe and define courses of study for them; to determine the requirements for such degrees as are offered to students under its jurisdiction; to enact and enforce rules for the guidance and government of its students in their university work; to recommend to the Trustees such candidates for degrees as have fulfilled the requirements; and in general to exercise jurisdiction over all other educational matters in its college.

OFFICERS OF INSTRUCTION AND OF ADMINISTRATION

THE UNIVERSITY FACULTY AND THE SEPARATE FACULTIES

- FARRAND, LIVINGSTON, A.M., M.D., LL.D., President of the University, 1921.
- ACKER, GEORGE HAIGH, Instructor in Experimental Engineering, 1920.
- ADAMS, BRISTOW, B.A., Professor in Extension Service, 1914. (Absent on leave, second term, 1921-22.)
- ADAMS, JOSEPH QUINCY, Ph.D., Litt.D., Professor of English, 1919.
Instructor, 1904; Assistant Professor, 1909.
- ADELMANN, HOWARD BERNHARDT, A.M., Instructor in Histology and Embryology, 1921. Assistant, 1919.
- ALBEE, ERNEST, Ph.D., Professor of Philosophy, 1907.
Instructor, 1892; Assistant Professor, 1902.
- ALBERT, CALVIN DODGE, M.E., Professor of Machine Design, 1916.
Instructor, 1904; Assistant Professor of Machine Design, 1908.
- ALEXANDER, HARRY L., A.B., M.D., Instructor in Medicine, 1920. New York City.
- ALLEN, ARTHUR AUGUSTUS, Ph.D., Assistant Professor of Ornithology, 1915.
Assistant in Neurology and Vertebrate Zoology, 1906-07; Instructor, 1909;
Instructor in Zoology, 1912.
- ALLEN, CHARLES LORING, Ph.D., Instructor in Animal Husbandry, 1918.
Assistant, 1916.
- ANDERSON, RUDOLPH JOHN, Ph.D., Professor of Animal Nutrition, 1920.*
- ANDRAE, WILLIAM COOK, M.E., Instructor in Experimental Engineering, 1921.
Instructor in Machine Design, 1916-17.
- ANDREWS, ALBERT LEROY, Ph.D., Assistant Professor of German, 1918.
Instructor in German and Scandinavian, 1909.
- ANDREWS, EUGENE PLUMB, A.B., Professor of Archaeology, 1919; Curator of the
Museum of Casts, 1897. (Absent on leave, second term, 1921-22.) Instructor,
1900; Assistant Professor, 1911.
- ARBuckle, JAMES STUART, B.S. in E. E., Instructor in Electrical Engineering, 1921.
- ASMUS, HENRY, Assistant Professor of Farriery, 1914. (Absent on leave, first term,
1921-22.)
- ATWOOD, LELAND LEAVITT, A.B., Instructor in the Romance Languages and Literatures, 1919.
- AUER, WILLIAM FAGGINGER, Instructor in Physical Education, 1919.
- AULT, EUGENE STANLEY, B.E., Instructor in Machine Design, 1920.
- AUSTEN, WILLARD, Librarian, 1915. Assistant Librarian, 1892.
- AXTELL, FLORENCE ETHEL, B.S., Instructor in Rural Education, 1919.
- BABCOCK, HAROLD EDWARD, Ph.B., Professor of Marketing, 1920.
Assistant State Director of Farm Bureaus and Assistant Professor of Farm Bureaus, 1914; State Leader of County Agents and Assistant Professor in Extension Service, 1917.
- BAILEY, CHARLES H., M.D., Instructor in Gynecology, 1921. New York City.
- BAILEY, HAROLD CAPRON, M.D., Associate Professor of Obstetrics and Gynecology, 1921. New York City.
Clinical Instructor in Surgery, 1906; Instructor in Pharmacology, 1907; Instructor in Obstetrics, 1910.
- BAILEY, LIBERTY HYDE, M.S., LL.D., Professor in the College of Agriculture, Emeritus. 1921.
Professor of General and Experimental Horticulture, 1888; Professor of Rural Economy, 1903-08; Director of the College of Agriculture, 1903-13.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- BAKER, WILLIAM CHARLES, B.S.A., Professor of Drawing in the College of Agriculture, 1914. Instructor in Drawing in Sibley College, 1899-1904; Instructor in Outdoor Art in the College of Agriculture, 1905-06; Assistant Professor of Drawing, 1907.
- BALDWIN, DANE LEWIS, M.A., Instructor in English, 1920.
Instructor, 1912-17; Assistant, 1919-20.
- BALENZWEIG, IRWIN, A.B., M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery, 1921. New York City. Assistant in Applied Anatomy, 1920.
- BALLARD, WILLIAM CYRUS, jr., M.E., Assistant Professor of Electrical Engineering, 1917. Instructor in Machine Design, 1910; Instructor in Electrical Engineering, 1911.
- BANCROFT, WILDER DWIGHT, Ph.D., World War Memorial Professor of Physical Chemistry, 1920. Assistant Professor, 1895; Professor, 1903.
- BANGS, JOHN ROBERT, jr., M.E., Instructor in Industrial Engineering, 1921.
Instructor in Machine Design, 1919.
- BARKAS, BENJAMIN WILLIAM, Instructor in Rural Economy, 1921.
- BARNARD, WILLIAM NICHOLS, M.E., Professor of Power Engineering, 1915.
Assistant in Machine Design, 1897; Instructor, 1898-1900; Assistant Professor, 1903; Assistant Professor of Steam Engineering, 1905; Professor, 1907.
- BARNES, FRED ASA, M.C.E., Professor of Railroad Engineering, 1915; Director of the School of Civil Engineering, 1921.
Instructor in Civil Engineering, 1902; Assistant Professor of Railroad Engineering, 1905.
- BARR, DAVID PRESWICK, A.B., M.D., Instructor in Medicine, 1916. New York City.
- BARRUS, MORTIER FRANKLIN, Ph.D., Extension Professor of Plant Pathology, 1914.
Assistant, 1908; Assistant Professor, 1911.
- BASON, GEORGE FRANCIS, B.E., M.E., Instructor in Electrical Engineering, 1916.
- BATEMAN, DOROTHY HAMMOND, Instructor in Physical Education, 1920.
- BAWLf, NICHOLAS, Instructor in Physical Education, 1920.
- BAXTER, HUBERT E., B.Arch., Assistant Professor of Architecture, 1920.
Instructor, 1911.
- BAYLEY, PAUL LAVERN, M.A., Instructor in Physics, 1921. Instructor, 1918-20.
- BEAL, ALVIN CASEY, Ph.D., Professor of Floriculture, 1913.
Assistant, 1910; Assistant Professor, 1911.
- BECKER, CARL, Ph.D., Professor of Modern European History, 1917.
- BECKER, JOSEPH ADAM, A.B., Instructor in Physics, 1919. Assistant, 1918.
- BEDELL, FREDERIC, Ph.D., Professor of Applied Electricity, 1904. (Absent on leave, second term, 1921-22.)
Instructor in Physics, 1892; Assistant Professor, 1893.
- BEHR, LEO, Instructor in Physics, 1921. Assistant in Power Engineering, 1917-18.
- BELL, OLIN GROGAN, Instructor in Geology, 1921.
- BELL, RAYMOND WILLIAM, M.S. in Agr., Instructor in Dairy Industry, 1921.
- BELLER, ABRAHAM J., B.S., M.D., Instructor in Operative Surgery, 1920. New York City.
- BENEDICT, STANLEY R., Ph.D., Professor of Chemistry, 1912. New York City.
Assistant Professor, 1910.
- BENJAMIN, EARL WHITNEY, Ph.D., Professor of Poultry Husbandry, 1920. (Absent on leave, 1921-22.)
Assistant, 1910; Instructor, 1911; Assistant Professor, 1914.
- BENNEHOFF, JAMES DESETT, M.S., Instructor in Zoology, 1921.
- BENNER, JAMES WILLIAM, D.V.M., M.S., Assistant Professor of Investigation of Animal Diseases, 1921. Instructor in Special Research in Animal Diseases, 1919; Assistant Professor, Veterinary Experiment Station, 1920.
- BENSON, CHARLES BEVERLEY, C.E., Instructor in Mechanics, 1919.
- BENTLEY, JOHN, JR., B.S., M.F., Professor of Forest Engineering, 1918.
Assistant Professor of Forestry, 1911.

- BERKOWITZ, HYMAN CHONON, A.M., Instructor in the Romance Languages and Literatures, 1920.
- BETTEN, CORNELIUS, Ph.D., Vice-Dean of Resident Instruction in the College of Agriculture, 1920. Professor, Secretary, and Registrar, 1915.
- BETTEN, MYRTLE SHERER, Instructor in Home Economics, 1921.
- BIDWELL, CHARLES CLARENCE, Ph.D., Assistant Professor of Physics, 1917.
Assistant, 1910; Instructor, 1912-14; 1915-17.
- BIGELOW, CLAUDE MYRON, Instructor in Heat-Power Engineering, 1920.
- BINZEL, ALMA, Acting Assistant Professor of Home Economics, 1921.
- BINZEL, CORA ELLA, Acting Professor of Rural Education, 1919. (Absent on leave, second term.)
- BIRCH, RAYMOND RUSSELL, Ph.D., Professor and Superintendent of the Veterinary Experiment Station, 1920. Assistant, 1910; Instructor in Experimental Pathology, 1910; Instructor in charge of Station, 1911; Superintendent of Station, 1914; Assistant Professor and Superintendent of Station, 1916.
- BISHOP, HOMER GUY, Ph.D., Instructor in Psychology, 1921. Assistant, 1913.
- BISHOP, MORRIS GILBERT, A.M., Instructor in the Romance Languages and Literatures, 1921.
- BIZZELL, JAMES ADRIAN, Ph.D., Professor of Soil Technology in the College of Agriculture and Federal Experiment Station, 1912.
Assistant Chemist, 1903; Assistant Professor of Soil Technology, in the Federal Experiment Station, 1908.
- BLACKMORE, BEULAH, B.S., Assistant Professor of Home Economics, 1917.
Instructor, 1915.
- BLODGETT, FOREST MILO, Ph.D., Assistant Professor of Plant Pathology, 1919.
Assistant Professor, 1915-17; Assistant Extension Professor, 1917-19.
- BLODGETT, HAROLD WILLIAM, A.B., Instructor in English, 1921.
- BOARDMAN, LELAND JAYNES, A.B., Instructor in Physics, 1920.
- BODANSKY, AARON, Ph.D., Instructor in Biochemistry, 1917. Assistant, 1916.
- BOESCHE, ALBERT WILHELM, Ph.D., Professor of German, 1915.
Instructor, 1905-06; Assistant Professor, 1910.
- BOGERT, GEORGE GLEASON, A.B., LL.B., World War Memorial Professor of Law, 1920; Dean of the College of Law, 1921. Assistant in American History, 1906-08; Acting Assistant Professor of Law, 1911; Assistant Professor of Law, 1913; Professor of Law, 1916.
- BOOTHROYD, SAMUEL LATIMER, B.S., Professor of Astronomy and Geodesy, 1921.
Instructor in Civil Engineering, 1905; Assistant Professor of Topographic and Geodetic Engineering, 1908-12.
- BOSWORTH, FRANCKE HUNTINGTON, jr., A.B., Dean of the College of Architecture and Professor of Design, 1919.
- BOWEN, WARD CULVER, A.M., Instructor in Mineralogy, 1919. Assistant, 1919.
- BOYS, JESSIE AUSTIN, B.S., Assistant Professor of Home Economics, 1920.
Instructor, 1917.
- BRADBURY, SAMUEL, M.D., Assistant Professor of Clinical Medicine, 1921. New York City.
- BRADLEY, JAMES CHESTER, Ph.D., Professor of Entomology, 1920; Curator of Invertebrate Zoology, 1919; Assistant, 1905-09; Assistant Professor, 1911.
- BRANDES, GEORGE HENRY, B.Chem., Instructor in Chemistry, 1920.
Assistant 1917.
- BRAUNER, OLAF MARTINIUS, Professor of Drawing and Painting in the College of Architecture, 1909. Instructor, 1895; Assistant Professor, 1898.
- BREED, ROBERT STANLEY, Ph.D., Professor of Dairy Industry, 1920.*
- BRENNER, EDWARD CHRISTOPHER, A.B., M.D., Instructor in Operative Surgery, 1919. New York City.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- BRETZ, JULIAN PLEASANT, Ph.D., Professor of American History, 1910.
Assistant Professor, 1908.
- BRIGGS, THOMAS ROLAND, Ph.D., Assistant Professor of Physical Chemistry and Electro-Chemistry, 1915. Assistant, 1909-12.
- BRIM, ORVILLE GILBERT, Ph.D., Professor of Rural Education, 1920.
- BRISTOL, GEORGE PRENTICE, A.M., Professor of Greek, Emeritus, 1921.
Assistant Professor, 1888; Associate Professor, 1890; Professor, 1898; Director of the School of Education, 1910-16; Director of the Summer Session, 1905-18.
- BRITT, MARTHA A., Instructor in Home Economics, 1921.
- BRITT, ROBERT EMERY, Instructor in Rural Engineering, 1921. Assistant, 1919.
- BROOKINS, FLORENCE ARTIE, Instructor and Associate Shop Director in Home Economics, 1921.
- BROUGHTON, LESLIE NATHAN, Ph.D., Assistant Professor of English, 1916. Instructor, 1910.
- BROWN, PAUL ERSKINE, Instructor in Civil Engineering, 1920.
- BROWN, SANGER, Instructor in Clinical Medicine, Department of Psychiatry, 1921. New York City.
- BROWN, WESLEY BENNETT, M.E., Instructor in Electrical Engineering, 1921.
- BROWNE, ARTHUR WESLEY, Ph.D., Professor of Inorganic and Analytical Chemistry, 1910. Instructor, 1903; Assistant Professor, 1906.
- BRUNDAGE, WALTER H., M.D., Instructor in Medicine, 1917. New York City. Assistant 1915.
- BUCKMAN, HARRY OLIVER, Ph.D., Professor of Soil Technology, 1917.
Assistant, 1910; Instructor, 1912; Assistant Professor, 1912.
- BURDICK, CHARLES KELLOGG, A.B., LL.B., Professor of Law, 1914. (Absent on leave, second term.)
- BURKHOLDER, WALTER H., Ph.D., Assistant Professor of Plant Pathology, 1921.
- BURLAGE, STANLEY ROSS, A.M., Instructor in Physiology, 1919. Assistant, 1916.
- BURNHAM, LEROY P., S.B., M.S. in Arch., Assistant Professor of Architecture, 1914.
- BURR, GEORGE LINCOLN, A.B., LL.D., Litt.D., Librarian, President White Library, 1890; the John Stambaugh Professor of History, 1919.
Instructor in Modern History, 1881-84; Instructor in Anglo-Saxon, 1886-87; Instructor in Medieval and Modern History, 1888; Assistant Professor of History, 1889; Assistant Professor of Ancient and Medieval History, 1890; Associate Professor, 1891; Professor, 1892; Professor of Medieval History, 1902.
- BURRITT, MAURICE CHASE, M.S.A., Vice-Director of Extension and Professor in Extension Service, 1917. (Absent on leave from April 1, 1921, to April 1, 1922.) Extension Professor and State Director of Farm Bureaus, 1914.
- BURROWS, EARLE NELSON, M.C.E., Assistant Professor of Bridge Engineering, 1915. Instructor in Civil Engineering, 1910.
- BUSH, RALPH RAYMOND, M.E., Instructor in Machine Design, 1920.
Assistant in Power Engineering, 1919-20.
- BUSSELL, FRANK PORES, Ph.D., Assistant Professor of Plant Breeding, 1920.
Extension Instructor, 1917; Assistant Extension Professor, 1919.
- BUTTERWORTH, JULIAN EDWARD, Ph.D., Professor of Rural Education, 1919.
- BUYS, JOHN LEVENUS, M.S., Instructor in Entomology, 1921. Assistant, 1919.
- CAMPBELL, ALAN DITCHFIELD, A.M., Instructor in Mathematics, 1919.
- CANFIELD, ELLEN BRAINARD, Instructor in Physical Education, 1917.
Instructor in Physical Training, 1894.
- CAPLAN, HARRY, Ph.D., Instructor in Public Speaking, 1919.
- CARD, LESLIE ELLSWORTH, Ph.D., Instructor in Poultry Husbandry, 1918.
Assistant, 1913-14.
- CARLSON, FRED ALBERT, Ph.D., Instructor in Geology, 1921. Assistant in Soil Technology, 1918-20.

- CARPENTER, CHARLES MILTON, D.V.M., Ph.D., Acting Professor of Bacteriology and Parasitology, Veterinary College, 1921. Instructor in Diagnosis, 1917.
- CARRICK, DOAK BAIN, Ph.D., Professor of Pomology, 1921.
Assistant, 1915-17.
- CARROLL, WESLEY BARNETT, A.B., Instructor in English, 1921.
- CARVER, WALTER BUCKINGHAM, Ph.D., Assistant Professor of Mathematics, 1910.
Instructor, 1906.
- CASE, CLAUDE EDWARD, M.D., Instructor in Hygiene, 1920.
- CASHO, EDITH WARNER, Instructor in Physical Education, 1921.
- CASSASSA, CHARLES, S.B., A.B., M.D., Instructor in Pathological Anatomy, 1921.
Assistant, 1914.
- CAVANAUGH, GEORGE WALTER, B.S., Professor of Chemistry in its Relations to Agriculture, 1909. (Absent on leave, first term.) Assistant, 1891; Assistant Professor 1903.
- CECIL, RUSSELL L., Assistant Professor of Clinical Medicine, 1921. New York City.
Assistant in Clinical Pathology, 1917-20; Instructor, 1916.
- CHAMBERLAIN, GEORGE RAY, M.E., Assistant Professor of Freehand Drawing in the College of Architecture, 1915. Instructor in Industrial Drawing and Art, 1902-04; Instructor in Freehand Drawing, in the College of Architecture, 1906.
- CHAMBERLAIN, ROBERT FRANKLIN, M.E., Assistant Professor of Electrical Engineering, 1920. Instructor, 1911.
- CHAMBERS, ROBERT, jr., M.D., Ph.D., Assistant Professor of Anatomy, 1919. New York City. Assistant, 1915; Instructor, 1916.
- CHAMOT, EMILE MONNIN, Ph.D., Professor of Chemical Microscopy and Sanitary Chemistry, 1910. (Absent on leave, first term.) Assistant, 1890; Instructor, 1891; Assistant Professor, 1901.
- CHANDLER, WILLIAM HENRY, Ph.D., Vice-Director of Research, 1920.
Professor of Research in Pomology, 1913; Professor of Pomology, 1916.
- CHENEY, CLARENCE O., M.D., Clinical Instructor in Medicine, Department of Psychiatry, 1917. New York City.
- CHERDANTZEFF, PETER, M.E., Instructor in Heat-Power Engineering, 1920.
- CHOBOT, EDWIN FRANK, Instructor in Civil Engineering, 1920.
- CHURCH, IRVING PORTER, B.C.E., C.E., Professor of Applied Mechanics and Hydraulics, Emeritus, 1916. Assistant Professor of Civil Engineering, 1876; Associate Professor, 1891; Professor of Applied Mechanics and Hydraulics, 1892-1916.
- CILLEY, ARTHUR H., M.D., Clinical Instructor in Surgery, Department of Orthopedics, 1913. New York City.
- CLAASSEN, PETER WALTER, Ph.D., Assistant Professor of Biology, 1919.
Assistant in Entomology, 1915; Instructor in Natural History, 1917.
- CLARK, ROY EDWARDS, M.E., Assistant Professor of Heat-Power Engineering, 1919.
Instructor, 1913.
- CLEARY, STEPHEN FARRELL, Instructor in Machine Design, 1919.
- CLUM, HAROLD HAYDEN, A.B., Instructor in Botany, 1921. Assistant, 1917.
- COCCA, ARTHUR F., M.D., Assistant Professor of Immunology, 1921. New York City.
Instructor in Experimental Pathology, 1911; Instructor in Pathology, 1915; Instructor in Immunology, 1917.
- COLE, LEWIS G., M.D., Professor of Roentgenology, 1913. New York City.
Instructor, 1911.
- COLEMAN, GEORGE L., A. B., Instructor in Music, 1919.
- COLEY, WILLIAM B., A.M., M.D., Professor of Clinical Surgery, Department of Surgery, 1909. New York City.
- COLLINS, JACOB ROLAND, Ph.D., Assistant Professor of Physics, 1921. Instructor, 1918.
- COLLISON, REGINALD CLIFTON, M.S., Professor of Soil Technology, 1920.*

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- COLLUM, THADDEUS LUMPKIN, Instructor in Civil Engineering, 1920.
- COMSTOCK, ANNA BOTSFORD, B.S., Professor of Nature Study, 1920. (Absent on leave, one term, from November 16.)
 Assistant in Nature Studies, 1897; Lecturer in Nature Study, 1903; Lecturer in Extension Teaching, 1906; Lecturer in Nature Study, 1907; Assistant Professor, 1913.
- COMSTOCK, JOHN HENRY, B.S., Professor of Entomology and General Invertebrate Zoology, Emeritus, 1914.
 Instructor in Entomology, 1873; Assistant Professor, 1876; Professor, 1882.
- CONNER, LEWIS ATTERBURY, Ph.B., M.D., Professor of Medicine, 1916. New York City. Instructor, 1898; Professor of Clinical Medicine, 1900.
- CONWELL, WALTER LICHTENTHAELER, C.E., Assistant Professor of Railroad Engineering, 1915. Instructor in Civil Engineering, 1911.
- COOKE, ROBERT ANDERSON, A.M., M.D., Assistant Professor of Applied Immunology, 1921. New York City. Assistant in Physiology, 1908-09; Lecturer in Applied Immunology, 1919-21.
- COOPER, HERBERT PRESS, M.S., Instructor in Farm Crops, 1920.
- COOPER, LANE, Ph.D., Professor of the English Language and Literature, 1915.
 Instructor in English, 1902; Assistant Professor, 1906.
- COPELAND, MORRIS ALBERT, Ph.D., Instructor in Economics, 1921.
- CORNELL, WALTER RODNEY, B.S., Assistant Professor of Mechanics of Engineering, 1920. Instructor in Civil Engineering, 1909; Instructor in Mechanics of Engineering, 1910.
- CORNWELL, RALPH THOMAS KLINE, B.Chem., Instructor in Chemistry, 1920.
 Assistant, 1917.
- COTTRELL, CASPER LEHMAN, A.B., Instructor in Physics, 1920.
- CRAIG, CLYDE FIRMAN, Ph.D., Assistant Professor of Mathematics, 1915.
 Assistant, 1906; Instructor, 1907.
- CRANDALL, CARL, C.E., Assistant Professor of Railroad Engineering, 1921. Instructor in Civil Engineering, 1913.
- CRANE, THOMAS FREDERICK, Ph.D., Litt.D., Professor of the Romance Languages and Literatures, Emeritus, 1909.
 Assistant Professor of South European Languages, 1868; Professor of Italian and Spanish, 1873; Professor of the Romance Languages and Literatures, 1881; Dean of the Faculty of Arts and Sciences, 1896-1902; Acting President of the University, 1899-1900; 1912-13; Dean of the University Faculty, 1901.
- CREIGHTON, JAMES EDWIN, Ph.D., LL.D., Sage Professor of Logic and Metaphysics, 1895; Dean of the Graduate School, 1914.
 Instructor in Philosophy, 1889; Associate Professor of Modern Philosophy, 1892.
- CROSBY, CYRUS RICHARD, A.B., Extension Professor of Entomology, 1913.
 Entomologist, 1906; Assistant Professor of Entomological Investigations, 1909.
- CROSBY, DICK J., M.S., Professor in Extension Service, 1917; Acting Vice-Director of Extension from April 1, 1921, to April 1, 1922.
 Professor of Extension Teaching, 1915.
- CROSS, LEWIS JOSEPHUS, Ph.D., Professor of Chemistry in its Relations to Agriculture, 1914. Assistant in Chemistry, 1908; Instructor in Agricultural Chemistry, 1909; Assistant Professor, 1912.
- CROWELL, JAMES WHITE, S.B., A.M., Instructor in the Romance Languages and Literatures, 1921.
- CURTIS, OTIS FREEMAN, Ph.D., Assistant Professor of Botany, 1917.
 Assistant in the Farm Course, 1912; Instructor in Botany, 1913.
- CURTIS, RALPH WRIGHT, M.S., in Agr., Professor of Landscape Art, 1916. (Absent on leave, first term.)
 Assistant in Nature Study, 1905-06; Assistant Professor, 1913.
- CURY, ALBERT HENRY, Baccalauréat ès Lettres, Licencié ès Lettres, Instructor in the Romance Languages and Literatures, 1920.

- CUSHING, EDWARD R., D.V.M., Instructor in Veterinary Medicine, 1920.
- DAGNALL, CLARENCE HERSCHEL, S.B., Instructor in Electrical Engineering, 1919.
- DALLENBACH, KARL M., Ph.D., Assistant Professor of Psychology, 1921.
Instructor, 1916-18; 1919.
- DANA, CHARLES LOOMIS, A.M., M.D., Professor of Clinical Medicine, Department of Neurology, 1898. New York City.
- DAUGHERTY, EDGAR STERLING, B.E., M.E., Instructor in Machine Design, 1920.
- DAVENPORT, HERBERT JOSEPH, Ph.D., Professor of Economics, 1916.
- DAVIS, ADAM CLARKE, jr., M.E., Assistant Professor of Experimental Engineering, 1919. Instructor, 1914-17; 1919.
- DAVIS, E. GORTON, B.S., Professor of Landscape Art, 1916.
Assistant Professor of Rural Art, 1911; Assistant Professor of Landscape Art, 1912.
- DAWSON, FRANCIS MURRAY, B.S., M.C.E., Acting Assistant Professor of Hydraulics, 1921.
- DEGARMO, CHARLES, Ph.D., Professor of the Science and Art of Education, Emeritus, 1914. Professor, 1898; Dean of the Summer Session, 1898-1905.
- DENNIS, FREDERICK SHEPARD, A.B., M.D., F.R.C.S., Professor of Clinical Surgery, Emeritus, 1910. New York City. Professor, 1898.
- DENNIS, LOUIS MUNROE, Ph.B., B.S., Professor of Inorganic Chemistry, 1903.
Instructor in Chemistry, 1887-89; Assistant Professor of Analytical Chemistry, 1891; Associate Professor, 1894; Professor, 1900.
- DENZER, B.S., Instructor in Clinical Medicine, Department of Pediatrics, 1919. New York City.
- DETWILER, JOHN DETWEILER, M.A., Instructor in Entomology, 1919.
Assistant, 1918.
- DICKSON, FRANK, B.A., Instructor in Plant Pathology, 1921. New York City.
Assistant, 1920.
- DIEDERICHS, HERMAN, M.E., Professor of Experimental Engineering, 1907; in charge of the Mechanical Laboratory, 1910; Director of the Sibley School of Mechanical Engineering, 1921.
Assistant, 1898; Instructor, 1899; Assistant Professor, 1902; Secretary of Sibley College, 1919-20.
- DOANE, GEORGE HERBERT, B.S., M.A., Instructor in Geology, 1921.
- DOLBEARE, HARWOOD BURROWS, A.B., Instructor in Economics, 1921.
- DORSEY, ERNEST, B.S., Instructor in Plant Breeding, 1920.
Assistant, 1916-17; 1918-20.
- DOW, LAFAYETTE FRANCIS, A.B., Instructor in the Romance Languages and Literatures, 1920.
- DOWNES, PAUL ANDREW, M.S., Instructor in Dairy Industry, 1918.
- DOYLE, ARTHUR HENRY, M.A., Instructor in the Romance Languages and Literatures, 1921.
- DOYLE, FRANK BUTLER, B.S., Instructor in Electrical Engineering, 1921.
- DRUMMOND, ALEXANDER M., A.M., Professor of Public Speaking, 1920.
Instructor, 1907; Assistant Professor, 1916.
- DUBOIS, EUGENE F., M.D., Associate Professor of Medicine, 1919. New York City. Instructor in Applied Pharmacology, 1910; Lecturer in Clinical Physiology, 1913; Assistant Professor, 1917.
- DUDLEY, GUILFORD S., A.B., M.D., Instructor in Clinical Surgery, 1921. New York City. Assistant, 1917.
- DUNLAP, VINING CAMPBELL, Ph.D., Instructor in Botany, 1920.
Assistant, 1916.
- DURHAM, CHARLES LOVE, Ph.D., Litt.D., Professor of Latin, 1909.
Instructor, 1897; Assistant Professor, 1901.
- DYE, HARRY WILMER, Ph.D., Assistant Professor of Plant Pathology, 1920.
Instructor, 1919.

- EAMES, ARTHUR JOHNSON, Ph.D., Professor of Botany in the College of Agriculture, 1920.
Instructor, 1912; Assistant Professor, 1914.
- EATON, PAUL BURNS, M.E., Instructor in Machine Design, 1920.
- EATON, THEODORE HILDRETH, Ph.D., Professor of Rural Education, 1920.
Instructor in Animal Husbandry, 1913-14.
- ECKLEY, PAUL WITHERSPOON, A.B., Instructor in Physical Education, 1921.
Assistant in Anatomy, 1919; Assistant in Hygiene, 1920.
- EDGAR, JAMES CLIFTON, A.M., M.D., Professor of Obstetrics, Emeritus, 1921. New York City. Professor of Obstetrics and Clinical Midwifery, 1898.
- EDWARDS, DAYTON JAMES, Ph.D., Assistant Professor of Physiology, 1921. New York City. Instructor, 1918; Lecturer, 1919.
- EGGLESTON, CARY, M.D., Instructor in Therapeutics, 1921. New York City. Instructor in Pharmacology, 1912; Assistant Professor of Pharmacology, 1918.
- ELLENWOOD, FRANK OAKES, A.B., M.E., Professor of Power Engineering, 1916.
Acting Assistant Professor, 1911, Assistant Professor, 1912.
- ELLIOTT, GEORGE THOMSON, A.B., M.D., Professor of Clinical Medicine, Department of Dermatology, Emeritus, 1920. New York City.
Professor of Dermatology, 1898.
- ELLIS, WILLARD WALDO, A.B., LL.B., Librarian of the College of Agriculture, 1916.
- ELMER, HERBERT CHARLES, Ph.D., Professor of Latin, 1909.
Acting Assistant Professor, 1888; Assistant Professor, 1890.
- ELSER, WILLIAM JAMES, M.D., Professor of Bacteriology, 1909. New York City.
Assistant in Pathology, 1901; Instructor in Bacteriology, 1904; Assistant Professor, 1908.
- EMBODY, GEORGE CHARLES, Ph.D., Professor of Aquiculture, 1920.
Instructor in Neurology and Vertebrate Zoology, 1909-10; Instructor in Aquiculture, 1911; Assistant Professor, 1912.
- EMERSON, ROLLIN ADAMS, B.Sc., D.Sc., Professor of Plant Breeding, 1914.
- ENGLISH, DONALD, B.S., M.B.A., Professor of Economics and Accounting, 1918.
Acting Assistant Professor, 1914; Assistant Professor, 1915; Acting Secretary, College of Arts and Sciences, 1919-20.
- ERNSBERGER, MILLARD CLAYTON, A.B., M.E., Professor of Heat-Power Engineering, 1921. Instructor, 1918-19.
- EVANS, FREDERIC CHARLES, M.E., Instructor in Heat-Power Engineering, 1921.
Assistant in Electrical Engineering, 1918-19; Instructor in Machine Design, 1921.
- EVERETT, GEORGE ABRAM, A.B., LL.B., Professor of Extension Teaching, 1915.
Assistant in Elocution and Oratory, 1899-1901; Instructor, 1904; Assistant Professor, 1906-07; 1910-15.
- EVERITT, WILLIAM LITTELL, Instructor in Electrical Engineering, 1920.
- EWING, JAMES, A.M., D.Sc., M.D., Professor of Pathology, 1899. New York City.
- FAIRBANKS, FRANK LATTI, M.E., Assistant Professor of Rural Engineering, 1920.
Assistant, 1917; Instructor, 1918.
- FALLON, JOHN JOSEPH, Instructor in Physical Education, 1920.
- FARLEY, THEODORE SUMNER, Instructor in Electrical Engineering, 1920.
- FARMER, LOIS ANN, B.S., Instructor in Institution Management, 1921.
- FARR, CHARLES EVERETT, B.A., M.D., Instructor in Surgery, 1920. New York City. Assistant, 1909-11; Instructor, 1913-14; 1915-17.
- FARRAR, LILLIAN K. P., M.D., Assistant Clinical Professor of Gynecology, 1921. New York City. Instructor, 1916.
- FAUST, ALBERT BERNHARDT, Ph.D., Professor of German, 1910.
Acting Assistant Professor, 1904; Assistant Professor, 1905.
- FENNER, LESLIE A., M.E., E.E., Instructor in Machine Design, 1918.
- FERGUSON, JEREMIAH SWEETSER, M.S., M.D., Secretary of the Medical Faculty, 1909; Assistant Professor of Clinical Medicine, Department of Pediatrics, 1919. New York City. Instructor, 1898; Assistant Professor of Histology, 1908.

- FERNALD, EVELYN IDA, A.M., Instructor in Botany in the College of Agriculture, 1920. Assistant, 1919.
- FERNOW, BERNHARD EDWARD, jr., A.B., M.E., Instructor in Experimental Engineering, 1921.
- FERRISS, EMERY N., Ph.D., Assistant Professor of Rural Education, 1920. Acting Assistant Professor, 1919.
- FINCHER, MYRON GUSTIN, D.V.M., Instructor in Veterinary Medicine, 1920.
- FISH, PIERRE AUGUSTINE, B.S., D.Sc., D.V.S., D.V.M., Professor of Veterinary Comparative Physiology and Pharmacology, 1902. Instructor, 1890; Assistant Professor, 1896.
- FISHER, MARY JONES, A.M., Instructor in Zoology, 1918. Assistant, 1917.
- FISHER, ROY MARSHALL, A.B., Instructor in Physics, 1920.
- FISK, WALTER WARNER, M.S., in Agr., Professor of Dairy Industry, 1920. (Absent on leave, first term.) Assistant, 1910; Instructor, 1911; Assistant Professor, 1913.
- FISKE, FREDERIC EBELL, A.B., Assistant Professor of English, 1921. Instructor, 1916-17; 1919.
- FITZPATRICK, HARRY MORTON, Ph.D., Assistant Professor of Plant Pathology, 1913. Assistant in Botany, 1908. Instructor in Plant Pathology, 1911.
- FLEMMING, MARION, M.A., Instructor in Home Economics, 1921.
- FORBES, WILLIAM TROWBRIDGE MERRIFIELD, Instructor in Entomology, 1921. Assistant, 1915; Instructor, 1915-16; Assistant in Natural History, 1918; Instructor in Biology, 1918; Assistant Curator of Lepidoptera, 1919; Assistant in Entomology, 1920.
- FORMAN, LEWIS LEAMING, Ph.D., Instructor in Latin, 1921. Instructor in Greek, 1894-1900; 1902-09.
- FOSTER, NELLIS BARNES, M.D., Assistant Professor of Medicine, 1919. New York City. Instructor, 1913; Assistant Professor, 1914-16.
- FRALEIGH, PERCY AUSTIN, A.M., Instructor in Mathematics, 1920. Instructor, 1918-19.
- FRANCIS, HARRY MICHAEL, Instructor in Rural Engineering, 1920.
- FRANCKE, ELIZABETH, M.D., Ph.D., Instructor in Chemistry, 1919. New York City.
- FRASER, ALLAN CAMERON, Ph.D., Assistant Professor of Plant Breeding, 1919. Assistant, 1913; Instructor, 1914.
- FRENCH, WALTER HOYT, Instructor in English, 1920. Assistant, 1920.
- FRIEDSON, MORRIS, Clinical Instructor in Medicine, Department of Pediatrics, 1921. New York City.
- FRINK, HORACE WESTLAKE, M.D., Assistant Professor of Clinical Medicine, Department of Neurology, 1917. New York City. Instructor, 1914.
- FROST, JAMES NATHAN, D.V.M., Professor of Surgery, 1917. Assistant, 1907; Instructor, 1908; Assistant Professor, 1913.
- FULLER, JAMES WEAST, D.V.M., Instructor in Veterinary Medicine, 1920. Assistant, 1918.
- GABRIEL, HARRY S., M.S., Instructor in Agricultural Economics and Farm Management, 1920. Assistant in Rural Education, 1919.
- GAGE, SIMON HENRY, B.S., Professor of Histology and Embryology, Emeritus, 1908. Instructor in Microscopy and Practical Physiology, 1877-80; Assistant Professor of Physiology and Lecturer on Micro-Technology, 1881; Associate Professor, 1889; Associate Professor of Anatomy, Histology and Embryology, 1893; Professor, 1895; Professor of Microscopy, Histology and Embryology, 1896; Professor of Histology and Embryology, 1902.
- GAGE, VICTOR RAYMOND, M.M.E., Assistant Professor of Experimental Engineering, 1912. Instructor, 1907.
- GALLMAN, WALDEMAR JOHN, A.B., Instructor in English, 1921.
- GAMBLE, DEAN LEFEVER, Ph.D., Instructor in Zoology, 1917. Assistant, 1916.
- GARNER, ENOCH FRANCIS, M.E., Assistant Professor of Machine Design, 1920. Instructor, 1907-10; 1913-20.

- GARRETT, CLARA L., B.S., Instructor in Drawing, 1916.
- GARRETT, SEYMOUR STANTON, C.E., World War Memorial Professor of Mechanics of Engineering, 1920. (Absent on leave, second term.) Instructor in Civil Engineering, 1906-08; Assistant Professor, 1910; Professor, 1920.
- GEORGE, SIDNEY GONZALES, C.E., Professor of Applied Mechanics, 1916. Instructor in Civil Engineering, 1905-07; Assistant Professor of Applied Mechanics, 1908.
- GEORGIA, FREDERICK RAYMOND, B.Chem., Instructor in Chemistry, 1915. Assistant, 1914.
- GEORGIA, LOLITA, A.B., Instructor in Home Economics, 1919.
- GERSTER, JOHN C. A., M.D., Assistant Professor of Clinical Surgery, 1919. New York City. Instructor, 1914.
- GIBBS, ROSWELL CLIFTON, Ph.D., Professor of Physics, 1918. Assistant, 1906; Instructor 1906; Assistant Professor, 1912.
- GIBSON, ANSON WRIGHT, B.S., Instructor in Farm Practice, 1921. Instructor, 1915-17; Assistant Farm Superintendent, 1917-18.
- GIBSON, CHARLES LANGDON, A.B., M.D., Professor of Surgery, 1918. New York City. Clinical Instructor in Diseases of the Genito-Urinary System, 1900; Instructor in Surgery, 1902; Professor of Clinical Surgery, 1906; Assistant Professor of Surgery, 1912; Associate Professor, 1917.
- GILL, ADAM CAPEN, Ph.D., Professor of Mineralogy and Petrography, 1910. Assistant Professor, 1894.
- GILLESPIE, DAVID CLINTON, Ph.D., Assistant Professor of Mathematics, 1911. Instructor, 1906.
- GILMAN, HERBERT LESTER, D.V.M., M.S., Instructor, Veterinary Experiment Station, 1921. Assistant, 1916-17; Instructor in Obstetrics, 1920.
- GILMOUR, ANDREW J., M.D., Clinical Instructor in Medicine, Department of Dermatology, 1920. New York City.
- GOLDBERG, SAMUEL ALEXANDER, D.V.M., A.M., Assistant Professor of Pathology, Veterinary College, 1917. Assistant, 1913.
- GOODRIDGE, MALCOLM, M.D., Assistant Professor of Therapeutics, 1916. New York City. Instructor, 1910.
- GOODSPEED, HELEN C., Acting Assistant Professor of Rural Education, 1922.
- GORHAM, ROBERT CHARLES, B.A., Instructor in Electrical Engineering, 1921.
- GOULD, ADRIAN GORDON, Ph.B., M.D., Instructor in Hygiene, 1921.
- GRAHAM, VI ARVIN, A.M., Instructor in Biochemistry, 1921. Assistant, 1921.
- GRANT, ADELE LEWIS, B.S., M.A., Instructor in Botany, 1920.
- GRAVELLE, FRANCIS WALTER, M.D., Instructor in Obstetrics and Gynecology, 1921. New York City.
- GRAVES, GAYLORD W., Instructor in Clinical Pathology, 1920. New York City.
- GRAVES, LULU GRACE, Professor of Home Economics, 1919. Acting Assistant Professor, 1918.
- *GRAY, ALEXANDER M., B.Sc., E.E., Professor of Electrical Engineering, 1915; Director of the School of Electrical Engineering, 1921. (Absent on leave.)
- GREENE, GUY SHEPARD, A.B., Instructor in English, 1921.
- GREGORY, WILLIAM BRES, Instructor in Experimental Engineering, 1921.
- GRISWOLD, ARTHUR STEWART, Instructor in Experimental Engineering, 1920.
- GRISWOLD, DEMETRIUS WILBUR, Instructor in Machine Drawing, 1921.
- GUERLAC, OTHON GOEPP, Licencié ès lettres, Licencié en droit, World War Memorial Professor of the Romance Languages and Literatures, 1920. Instructor, 1900; Assistant Professor, 1904; Professor, 1919.
- GUISE, CEDRIC HAY, B.S., M.F., Assistant Professor of Forest Management, 1921. Assistant, 1914; Instructor, 1915.
- GULICK, CHARLES W., Instructor in Civil Engineering, 1922.

*Deceased.

- GUTHRIE, EDWARD SEWELL, Ph.D., Professor of Dairy Industry, 1913.
Instructor and Investigator in Dairy Industry, 1908.
- GUTSELL, HIRAM SAMUEL, B.P., A.M., Assistant Professor of Freehand Drawing in the College of Architecture, 1916.
Instructor in Drawing and Industrial Art, 1888; Instructor in Freehand Drawing and Modeling, 1904.
- HAGAN, WILLIAM ARTHUR, D.V.M., Professor of Pathology and Bacteriology, Veterinary College, 1919. (Absent on leave.) Instructor in Department of Obstetrics and Research in the Diseases of Breeding Cattle, 1916; Instructor in Pathology and Bacteriology, 1916; Assistant Professor, 1918.
- HAINES, GEORGE, M.S., in Agr., Instructor in Animal Husbandry, 1920.
Assistant, 1917; Instructor 1918-19.
- HALE, CHARLES BROCKWAY, Instructor in English, 1920. Assistant, 1920.
- HAMILTON, GEORGE LIVINGSTONE, Ph.D., Professor of the Romance Languages and Literatures, 1916. (Absent on leave, first term.) Assistant Professor, 1911.
- HAMMOND, WILLIAM ALEXANDER, Ph.D., Sage Professor of Ancient Philosophy and of Aesthetics, 1908; Dean of the University Faculty, 1920.
Instructor in Greek Philosophy, 1891; Assistant Professor of Ancient and Medieval Philosophy, 1892; Assistant Professor of Ancient and Medieval Philosophy and Aesthetics, 1903; Secretary of the University Faculty, 1903.
- HANNAH, ROBERT, B.A., Instructor in Public Speaking, 1920.
Assistant, 1920.
- HARDENBURG, EARLE VOLCART, Ph.D., Assistant Professor of Vegetable Gardening, 1919. Instructor, 1912.
- HARPER, MERRITT WESLEY, M.S., Professor of Animal Husbandry, 1913.
Assistant, 1905; Instructor, 1906; Assistant Professor, 1907.
- HARRIS, CYRIL, A.B., B.D., Instructor in English, 1920.
- HARRIS, GILBERT DENNISON, Ph.B., Professor of Paleontology and Stratigraphic Geology, 1909. Assistant Professor, 1894.
- HARRISON, HARRIET, Instructor in Physical Education, 1919.
- HART, VAN BREED, B.S., Instructor in Farm Management, 1920.
- HARTWELL, JOHN AUGUSTUS, Ph.B., M.D., Associate Professor of Surgery, 1918.
New York City. Instructor in Physiology, 1898; Assistant Professor, 1901; Professor of Clinical Surgery, 1909-18; Assistant Professor of Surgery, 1911-18.
- HASKELL, EUGENE ELWIN, B.C.E., C.E., Professor of Experimental Hydraulics, Emeritus, 1921. Dean of the College of Civil Engineering, and Professor of Experimental Hydraulics, 1906.
- HATCHER, ROBERT ANTHONY, Ph.G., M.D., Professor of Pharmacology and Materia Medica, 1908. New York City.
Instructor in Materia Medica, 1904; Assistant Professor of Pharmacology, 1906.
- HAUSMAN, LEON AUGUSTUS, Ph.D., Instructor in Biology, 1919.
Assistant in Geology, 1912-14; Assistant in Meteorology, 1915; Instructor in Meteorology, 1918.
- HAYDEN, CHARLES ERNEST, A.B., D.V.M., Assistant Professor of Physiology, Veterinary College, 1914. Assistant, 1909; Instructor, 1910; Assistant Professor of Physiology, 1914; Acting Professor, 1918.
- HAYNES, IRVING SAMUEL, Ph.B., M.D., D.Sc., Professor of Applied Anatomy and Clinical Surgery, 1911. New York City. Professor of Practical Anatomy, 1898.
- HEALEY, WILLIAM V., Clinical Instructor in Surgery, Department of Orthopedic Surgery, 1921. New York City. Assistant, 1921.
- HEBEL, JOHN WILLIAM, Ph.D., Assistant Professor of English, 1921. Instructor, 1914-17; 1919.
- HEDRICK, ULYSSES PRENTISS, D.Sc., Professor of Pomology, 1920.*
- HEFFNER, ROY EDWARD, A.B., B.S. in E.E., Instructor in Electrical Engineering, 1919.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- HEINICKE, ARTHUR JOHN, Ph.D., Professor of Pomology, 1920.
Instructor, 1914; Assistant Professor, 1917.
- HENRY, MARY FRANCES, A.B., B.S., Assistant Professor of Home Economics, 1918.
Instructor, 1915.
- HERENDEN, RALPH EUGENE, M.D., Instructor in Roentgenology, 1918. New York City.
- HERMANNSSON, HALLDOR, Assistant Professor of Scandinavian Languages and Literatures, 1920; Curator of Icelandic Collection in Library, 1906.
Instructor in Scandinavian Languages, 1905; Lecturer in German, 1912-20.
- HERRICK, GLENN WASHINGTON, B.S. in Agr., Professor of Economic Entomology, 1912. Assistant Professor, 1909.
- HEUSER, GUSTAVE FREDERICK, Ph.D., Assistant Professor of Poultry Husbandry, 1918. Assistant, 1915; Instructor, 1917.
- *HEWETT, WATERMAN THOMAS, Ph.D., Professor of the German Language and Literature, Emeritus, 1910.
Assistant Professor of North European Languages, 1870; Professor of the German Language and Literature, 1883.
- HICKEY, JAMES FRANCIS, A.B., Instructor in Physics, 1922.
- HIGGINSON, WILLIAM JOHN, B.A., Instructor in Economics and Social Science, 1921.
- HILBERT, JOSEPH ROBERT, B.S., M.A., Instructor in Economics, 1920.
- HILL, LELAND HALSEY, E.E., Instructor in Electrical Engineering, 1920.
- HINMAN, ROBERT BYRON, M.S., Assistant Professor of Animal Husbandry, 1921.
Instructor, 1920.
- HITZROT, JAMES MORLEY, A.B., M.D., Professor of Clinical Surgery, 1921. New York City. Instructor, 1904; Assistant Professor, 1912; Associate Professor, 1917.
Assistant Professor, 1919.
- HOAG, ARTHUR E., M.D., Clinical Instructor in Surgery, 1917. New York City.
Instructor in Surgery, 1912.
- HOEFER, FRED SCHMIDT, B.S., Instructor in Electrical Engineering, 1919.
- HOGUET, JOSEPH P., M.D., Assistant Professor of Clinical Surgery, 1919. New York City. Instructor in Surgery, 1911.
- HOISINGTON, LOUIS BENJAMIN, Ph.D., Assistant Professor of Psychology, 1919.
Assistant in Psychology, 1917; Instructor in Education, 1917; Instructor in Psychology, 1919.
- HOLLAND, ARTHUR L., Assistant Professor of Clinical Medicine, Department of Medicine, 1921. New York City. Instructor, 1915.
- HOLLEN, ERMA E., B.S., Instructor in Home Economics, 1922.
- HOLLIS, WILLIAM CARROLL, B.S., Instructor in Dairy Industry, 1922.
Assistant, 1921.
- HOLMES, RALPH MAYNARD, M.A., Instructor in Physics, 1919. Assistant, 1919.
- HOLTZCLAW, BENJAMIN CLARK, jr., A.B., Instructor in Greek, 1921.
- HONEY, EDWIN EARL, B.S., Instructor in Plant Pathology, 1920.
Assistant, 1916-17.
- HOOK, WARREN HOWARD, M.E., Assistant Professor of Heat-Power Engineering, 1920. Instructor in Experimental Engineering, 1910-17.
- HOPKINS, GRANT SHERMAN, B.S., D.Sc., D.V.M., Professor of Comparative Anatomy and Anatomical Methods, 1903.
Assistant, 1889; Instructor, 1890; Assistant Professor, 1896.
- HOPPER, HERBERT ANDREW, M.S., Extension Professor of Animal Husbandry, 1913.
Assistant Professor, 1911.
- HOSMER, RALPH SHELDON, B.S.A., M.F., Professor of Forestry, 1914. (Absent on leave, first term.)
- HOTCHKISS, HERBERT VINTON, B.S., C.E., Instructor in English, 1919.
Instructor in Civil Engineering, 1914-17.

*Deceased.

- HOTCHKISS, HOMER JAMES, A.M., M.M.E., Instructor in Mechanics of Engineering, 1916. Instructor in Physics, 1891-1903.
- HOUSMAN, ALBERT IVAN, B.S., Instructor in Physics, 1920.
- HOWE, HARLEY EARL, Ph.D., Assistant Professor of Physics, 1918.
Instructor, 1909-12.
- HOWELL, ERIC VAIL, M.C.E., Instructor in Civil Engineering, 1918.
- HOY, DAVID FLETCHER, M.S., Registrar, 1895. Assistant Registrar, 1891.
- HUCKETT, HUGH CECIL, B.S.A., M.A., Instructor in Entomology, 1921. Assistant, 1920.
- HUDSON, HOYT HOPEWELL, M.A., Instructor in Public Speaking, 1920.
- HULL, CHARLES HENRY, Ph.D., Goldwin Smith Professor of American History, 1912. Instructor in Political and Social Institutions, 1892; Assistant Professor of Political Economy, 1893; Professor of American History, 1901; Dean of the Faculty of Arts and Sciences, 1908-13.
- HUMPHREY, RUFUS RICHARD, A.M., Instructor in Histology and Embryology, 1920. Assistant, 1919.
- HUNT, EVERETT LEE, A.B., Assistant Professor of Public Speaking, 1918.
- HUNTER, FRANCES BEATRICE, B.S., Assistant Professor of Home Economics, 1920. (Absent on leave.) Instructor, 1918.
- HURWITZ, WALLIE ABRAHAM, Ph.D., Assistant Professor of Mathematics, 1914.
Instructor, 1910.
- HUSSEY, R. G., M.D., Assistant Professor of Pathology, 1921. New York City
- HUTCHINSON, JOHN IRWIN, Ph.D., Professor of Mathematics, 1910.
Instructor, 1894; Assistant Professor, 1903.
- HUTCHISON, CLAUDE BURTON, M.S. in Agr., Professor of Plant Breeding, 1916.
- HYATT, JAMES MEAD, A.B., Instructor in Physics, 1918. Assistant, 1917.
- HYDE, KARL CLAYTON, A.M., Instructor in Botany, 1920.
- IMBODEN, HARRY MILES, M.D., Professor of Roentgenology, 1922. New York City.
- JACKSON, FREDERICK D., B.S. in E.E., Instructor in Electrical Engineering, 1921.
- JACKSON, HERBERT F., M.D., Clinical Instructor in Medicine, Department of Pediatrics, 1919. New York City.
- JACKSON, HOWARD CAMPBELL, Ph.D., Assistant Professor of Dairy Industry, 1921.
Assistant, 1915; Instructor, 1917.
- JACOBY, HENRY SYLVESTER, C.E., Professor of Bridge Engineering, 1897.
Assistant Professor, 1890; Associate Professor, 1894.
- JAKWAY, RUTH, M.A., Instructor in Home Economics, 1920.
- JECK, HOWARD S., Ph.B., M.D., Clinical Instructor in Surgery, Department of Urology, 1917. New York City.
- JEFFREY, RALPH LENT, B.A., Instructor in Mathematics, 1921.
- JENISON, NANCY, M.D., Instructor in Medicine, 1917. New York City.
- JOHANNSEN, OSKAR AUGUSTUS, Ph.D., Professor of Entomology, 1919.
Instructor in Civil Engineering, 1899; Assistant Professor, 1904-09; Assistant Professor of Biology, 1912; Professor of Entomology, 1914; Professor of General Biology, 1915.
- JOHNSON, ELMER MARKER, Instructor in English, 1921.
- JOHNSON, KENNETH, M.D., Instructor in Surgery, 1919. New York City.
- JOLLIFFE, CHARLES BYRON, M.S., Instructor in Physics, 1920.
- JONES, HORACE LEONARD, Ph.D., LL.D., Professor of Greek, 1920.
Assistant Professor, 1910.
- JONES, JOHN PAUL, M.S., Instructor in Botany, 1921.
- JONES, WALTER PAUL, A.B., Instructor in English, 1920.
- JORDAN, RIVERDA HARDING, Ph.D., Professor of Education, 1921.
- JORDAN, WHITMAN HOWARD, LL.D., Professor of Animal Nutrition, Emeritus,* 1921.
Professor, 1920.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- KAHLER, HERBERT, Ph.D., Instructor in Physics, 1921. Assistant, 1920.
- KAHN, MORTON C., M.D., Instructor in Hygiene, 1919. New York City.
- KARAPETOFF, VLADIMIR, C.E., Professor of Electrical Engineering, 1908.
Assistant Professor, 1904.
- KEEZER, DEXTER MERRIAM, A.B., Instructor in Economics, 1921.
- KELLOGG, RUTH, B.S., Acting Assistant Professor of Home Economics, 1921.
- KELLY, AQUIN S., Clinical Instructor in Surgery, Department of Ophthalmology, 1921,
New York City.
- KENDRICK, MYRON SLADE, A.M., Instructor in Political Economy, 1921.
- KENISTON, RALPH HAYWARD, Ph.D., Professor of the Romance Languages and Literatures, 1919. Assistant Professor, 1914.
- KENNARD, EARL HESSE, Ph.D., Assistant Professor of Physics, 1917.
Assistant, 1912; Instructor, 1913-14; 1916-17.
- KENNEDY, ROBERT FOSTER, M.D., F.R.S.E., Associate Professor of Clinical Medicine, Department of Neurology, 1917. New York City.
Instructor, 1910; Assistant Professor, 1914; 1921-22.
- KENT, OLNEY BROWN, Ph.D., Professor of Poultry Husbandry, 1920.
Assistant, 1913; Instructor, 1913; Assistant Professor, 1917.
- KENYON, JAMES H., B.S., M.D., Instructor in Clinical Surgery, Department of Surgery, 1916. New York City.
- KERR, ABRAM TUCKER, B.S., M.D., Professor of Anatomy, 1904, and Secretary of the Ithaca Division of the Medical College, 1902; Acting Professor and Director of the Department of Hygiene, 1920. Assistant Professor, 1900.
- KESSEL, MARCEL HARTWIG, A.B., Instructor in English, 1921. Assistant, 1920.
- KEYES, EDWARD LOUGHBORO, jr., Ph.D., M.D., Professor of Clinical Surgery, Department of Urology, 1910. New York City.
Assistant, 1898; Instructor, 1899.
- KIMBALL, DEXTER SIMPSON, A.B., M.E., Professor of Machine Design and Industrial Engineering, 1915; Dean of the College of Engineering, 1920.
Assistant Professor, 1898-1901; Acting Director of Sibley College, second term, 1911-12; Professor of Machine Design and Construction, 1904; Acting Dean of Sibley College, 1917; Acting President, June 15-October 15, 1918.
- KING, ASA CARLTON, B.S.A., Professor of Farm Practice and Farm Superintendence, 1915. Extension School Instructor, 1911.
- KING, JOSEPH E., Instructor in Surgery, 1921. New York City.
- KINGSBURY, BENJAMIN FREEMAN, Ph.D., M.D., Professor of Histology and Embryology, 1908. Instructor, 1896; Assistant Professor, 1899; Assistant Professor of Physiology, Medical College, 1902.
- KINSMAN, RUSSEL CLOUGH, B.S.E.E., Instructor in Machine Design, 1921.
- KIRBY, GEORGE HUGHES, B.S., M.D., Professor of Clinical Medicine, Department of Psychiatry, 1917. New York City. Instructor, 1905-12.
- KIRKLAND, LUTHER CLINTON, B.S., Instructor in Farm Practice, 1921. Assistant, 1920.
- KNAPP, RONALD GLENN, B.S., Instructor in Animal Husbandry, 1920.
- KNIGHT, NEAL WILLIAM, B.S. in C.E., Instructor in Civil Engineering, 1921.
- KNOX, LEILA C., A.B., M.D., Instructor in Surgical Pathology, 1920. New York City.
- KNUDSON, LEWIS, Ph.D., Professor of Botany, 1916.
Assistant in Plant Physiology, 1908; Instructor, 1908; Assistant Professor, 1911.
- KRUM, WALTER GERNET, Instructor in Poultry Husbandry, 1920.
Superintendent in Poultry Department, 1907; Assistant, 1912; Instructor, 1916; Extension Instructor, 1917.
- KRUSE, PAUL J., Ph.D., Professor of Rural Education, 1918.
Assistant Professor, 1917.
- LADD, CARL EDWIN, Ph.D., Professor of Farm Management, 1920.
Assistant, 1911; Instructor, 1912-15.

- LAMBERT, ALEXANDER, A.B., Ph.B., M.D., Professor of Clinical Medicine, Department of Medicine, 1898. New York City.
- LANG, CHARLES A., Instructor in Clinical Medicine, Department of Pediatrics, 1919. New York City.
- LAPE, FREDERICK HENRY, A.B., Instructor in English, 1921. Assistant, 1921.
- LARSON, AXEL MARTIN, B.S. (E.E.) Instructor in Machine Design, 1921. Instructor, 1919-20.
- LAUMAN, GEORGE NIEMAN, B.S.A., Professor of Rural Economy, 1909. Assistant in Horticulture, 1897; Instructor, 1899; Instructor in Rural Economy, 1903; Assistant Professor, 1905.
- LAVIN, JAMES BONIFACE, B.S. in E.E., Instructor in Machine Design, 1919.
- LAWRENCE, LEONARD ALEXANDER, B.S., Assistant Professor of Surveying, 1916. Instructor in Civil Engineering, 1907.
- LEE, BURTON JAMES, A.B., Ph.B., M.D., Professor of Clinical Surgery, 1918. New York City. Assistant Demonstrator, 1903; Demonstrator, 1904; Instructor in Clinical Surgery, 1909, and in Surgical Pathology, 1913; Assistant Professor, 1916.
- LEE, CLARENCE EDGAR, B.S., Instructor in Rural Education, 1921.
- LEE, MYRON A., M.M.E., Assistant Professor of Industrial Engineering, 1921. Instructor in Machine Design, 1910; Assistant Professor of Machine Design, 1916.
- LEISTER, CLAUDE WILLARD, B.S., Instructor in Ornithology, 1919. Assistant, 1917-18.
- L'ESPERANCE, ELISE S., M.D., Assistant Professor of Pathology, 1920. New York City. Assistant, 1910; Instructor, 1911.
- LEVIN, OSCAR L., M.D., Clinical Instructor in Medicine, Department of Dermatology, 1920. New York City.
- LEWIS, WILLIAM LESTER, Instructor in Heat-Power Engineering, 1920.
- LIDDELL, HOWARD SCOTT, A.M., Instructor in Physiology, 1919.
- LILIENTHAL, HOWARD, M.D., Professor of Clinical Surgery, Department of Surgery, 1917. New York City.
- LIVERMORE, KENNETH CARTER, M.S. in Agr., Professor of Farm Management, 1913. (Absent on leave.)
Instructor in Farm Crops, 1909; Instructor and Investigator, 1910; Assistant Professor of Farm Management, 1911.
- LONG, TUDOR SEYMOUR, A.B., Instructor in English, 1918. Instructor, 1916-1917.
- LONGCOPE, WARFIELD THEODORE, M.D., Professor of Clinical Medicine, 1921. New York City.
- LOVE, HARRY HOUSER, Ph.D., Professor of Plant Breeding, 1917.
Assistant, 1908; Assistant Professor of Plant Breeding in the Federal Experiment Station, 1909; Professor of Plant Breeding Investigations, 1911.
- LOWE, ISABEL DURSTON, B.S., Instructor in Home Economics, 1922.
- LUFKIN, HAROLD MARSHALL, S.T.B., Instructor in Mathematics, 1920. Assistant, 1919.
- LUSK, GRAHAM, Ph.D., Sc.D., F.R.S. (Edin.), M.D., Professor of Physiology, 1909. New York City.
- LUSK, WILLIAM FOSTER, B.Ph., M.S.A., Professor of Rural Education, 1917.
- LYLE, HENRY M., Assistant Professor of Surgery, 1919. New York City.
Instructor, 1912-13.
- LYON, THOMAS LYTTLETON, Ph.D., Professor of Soil Technology in the Federal Experiment Station, 1906.
- MCAULIFFE, GEORGE BIRMINGHAM, A.B., M.D., Clinical Instructor in Surgery, Department of Otology, 1904. New York City.
- MCCABE, GEORGE KEHOE, B.A., Instructor in Economics, 1921.
- MCCANDLISH, HOWARD S., Instructor in Obstetrics and Gynecology, 1921. New York City.

- MCCANN, W.S., A.B., M.D., Instructor in Medicine, 1919. New York City.
- MCCASKILL, OLIVER LEROY, Ph.B., J.D., Professor of Procedure, 1916.
- MCCONNELL, JAMES ASHER, B.S. in Agr., Instructor in Animal Husbandry, 1921.
Assistant, 1921.
- MCCORKLE, PAUL, B.A., Instructor in Physics, 1921.
- MCCURDY, JOHN CLARENCE, B.S., C.E., Assistant Professor of Rural Engineering, 1916. Instructor in Civil Engineering, 1907; Instructor in Rural Engineering, 1915.
- MCCURDY, JOHN T., M.D., Lecturer in Clinical Medicine, Department of Psychiatry, 1917. New York City.
Clinical Instructor in Medicine, Department of Psychopathology, 1913.
- MCDANIELS, LAWRENCE HOWLAND, Ph.D., Assistant Professor of Pomology, 1919.
Assistant in Entomology, 1912; Assistant in Botany, 1913; Instructor in Botany, 1914-17.
- MCDERMOTT, GEORGE ROBERT, Professor of Structural Design, 1909.
Assistant Professor of Naval Architecture, 1892; Professor, 1905.
- MCGRATH, JOHN F., M.D., Instructor in Obstetrics and Gynecology, 1921.
Instructor in Clinical Surgery, Department of Gynecology, 1918.
- MCGUIRE, PETER STEPHAN, A.B., Instructor in Economics, 1921. Assistant in American History, 1904-05.
- MCILLROY, CAROLINE BRUNDAGE, Instructor and Shop Director in Home Economics, 1921.
- MCINERNEY, THOMAS JOSEPH, M.S. in Agr., Assistant Professor of Dairy Industry, 1917. Assistant, 1910; Instructor, 1912.
- MACKEOWN, SAMUEL STEWART, A.B., Instructor in Physics, 1919.
- MCKINNEY, ASA EMANUEL, A.M., Instructor in Chemistry, 1919.
Assistant, 1915-17; Extension Instructor, 1917-18.
- *MCMAHON, JAMES, A.M., D.Sc., Professor of Mathematics, Emeritus, 1921.
Instructor, 1884; Assistant Professor, 1890; Professor, 1904.
- MCMULLEN, ELEANOR CLARA, A.B., Instructor in Zoology, 1920.
Assistant, 1918.
- MANN, ALBERT RUSSELL, B.S.A., A.M., Dean of the College of Agriculture, Director of the Experiment Station, and Director of Extension Service, 1917.
Assistant Professor of Dairy Industry, 1908; Assistant to Director and Editor, 1908; Secretary of the College of Agriculture, 1909; Secretary, Registrar, and Professor of Agricultural Editing, 1910; Acting Dean of the College of Agriculture and Acting Director of the Experiment Station, 1916; Professor of Rural Social Organization, 1915-17.
- MARTIN, CLARENCE AUGUSTINE, D.Sc., Professor of Architecture, 1904.
Instructor, 1894; Assistant Professor, 1895; Dean of the College of Architecture, 1908-19.
- MARX, MILTON DAVID, A.M., Instructor in English, 1919.
- MASON, JAMES FREDERICK, Ph.D., Professor of the Romance Languages and Literatures, 1914.
Instructor, 1909; Assistant Professor, 1912.
- MASSEY, LOUIS MELVILLE, Ph.D., Assistant Professor of Plant Pathology, 1917.
Assistant, 1912; Instructor, 1914.
- MATHESON, ROBERT, Ph.D., Assistant Professor of Economic Entomology, 1915; Assistant Entomologist of the Experiment Station, 1917.
Assistant in Entomology, 1909; Assistant in Biology, 1910; Instructor, 1911; Assistant Professor, 1912; Investigator in Entomology, 1913; Assistant Professor of Entomology, 1914.
- MAY, FREDERICK ARTHUR, A.B., Instructor in Physics, 1920. Assistant, 1918.
- MAYNARD, LEONARD AMBY, Ph.D., Professor of Animal Husbandry, 1920.
Assistant Professor, 1915.
- MEARA, FRANK SHERMAN, Ph.D., M.D., Professor of Clinical Medicine, 1920. New York City. Professor of Therapeutics, 1909.
- MEIXNER, WARREN B., B.S., Instructor in Landscape Art, 1919.

*Deceased.

- MEKEEL, AMY GRACE, A.M., Instructor in Zoology, 1918. Assistant, 1917.
- MERCHANT, CHARLES HENRY, B.S., Instructor in Agricultural Economics and Farm Management, 1921. Assistant, 1920.
- MERENESS, KNEELAND ABRAM, M.E., Instructor in Machine Design, 1920.
Assistant, 1918-19.
- MERRITT, ERNEST GEORGE, M.E., World War Memorial Professor of Physics, 1920.
Instructor, 1889; Assistant Professor, 1892; Professor of Physics, 1903
Dean of the Graduate School, 1909-14.
- MIDJO, CHRISTIAN, Professor of Freehand Drawing in the College of Architecture,
1921. Instructor, 1909; Assistant Professor, 1912.
- MILKS, HOWARD JAY, D.V.M., Professor of Materia Medica; Director of the Small
Animal Clinic (Veterinary) 1914.
Assistant in Physiology, 1903-05; Assistant Professor of Materia Medica and
Therapeutics, 1909; Professor of Therapeutics and Clinical Medicine and of
Surgery of Small Animals, 1913.
- MILLER, CHARLES KARLETON, Instructor in Experimental Engineering, 1920.
- MILLS, HAROLD STRYCKER, B.S., Instructor in Vegetable Gardening, 1919.
- MINNS, LUE ALICE, M.S. in Agr., Instructor in Floriculture, 1914. Assistant, 1912.
- MISNER, EDWARD GARDNER, Ph.D., Professor of Farm Management, 1920.
Instructor, 1914; Assistant Professor, 1918.
- MITCHELL, DALE RAYMOND, A.B., Instructor in English, 1921.
- MOHME, ERWIN THEODORE, M.A., Instructor in German, 1921.
- MOLER, GEORGE SYLVANUS, A.B., B.M.E., Professor of Physics, Emeritus, 1917.
Instructor, 1875; Assistant Professor, 1880; Professor, 1911.
- MONNETT, VICTOR ELVERT, A.B., Instructor in Geology, 1921. Instructor, 1913-16;
1917-18.
- MONROE, BENTON SULLIVAN, Ph.D., Assistant Professor of English, 1912.
Assistant; 1897; Instructor, 1900.
- MONSCH, HELEN, B.S., M.A., Professor of Home Economics, 1920.
Assistant Professor, 1918.
- MONTGOMERY, WALTER CLARK, M.D., Instructor in Clinical Surgery, Department
of Laryngology and Rhinology, 1921. New York City.
Assistant, 1902-03; 1906-13; Clinical Instructor, 1917.
- MONTILLON, EUGENE DAVIS, B.Arch., Assistant Professor of Landscape Art, 1917,
Assistant, 1911; Instructor, 1912.
- MOON, CHARLES, B.S., C.E., Instructor in Physics, 1919.
- MOON, MERL PERROTT, M.S., Instructor in Dairy Industry, 1919.
Assistant, 1917.
- MOORE, VERANUS ALVA, B.S., M.D., V.M.D., Dean of the New York State Vet-
erinary College, 1908; Professor of Comparative Pathology, Bacteriology,
and Meat Inspection, 1896.
- MORDOFF, RICHARD ALAN, Ph.D., Assistant Professor of Meteorology, 1921. Assis-
tant in Physical Geography, 1909-10; 1912-13; Instructor in Meteorology,
1917.
- MORDOFF, WILLIAM EMERSON, M.E., Instructor in Experimental Engineering, 1918.
Instructor in Rural Engineering, 1915; Instructor in Machine Design,
1916.
- MORRILL, CHARLES V., M.D., Ph.D., Assistant Professor of Anatomy, 1919. New
York City. Instructor, 1915.
- MORSE, DAVID SHERMAN, A.M., Instructor in Mathematics, 1920.
- MORSE, HAROLD CALVIN MARSTON, Ph.D., Instructor in Mathematics, 1920.
- MORTON, CAROLINE, B.S., Instructor in Home Economics, 1921.
Extension Instructor, 1920.
- MOSES, WINIFRED, B.S., Assistant Professor of Home Economics, 1919.
Assistant, 1914; Instructor, 1917.
- MOSHER, SIDNEY WOOD, C.E., Instructor in Machine Drawing, 1921.
- MOTT-SMITH, HAROLD MEADE, A.B., Instructor in Physics, 1920. Assistant, 1919.
- MOTT-SMITH, STANLEY, M.E., Instructor in Experimental Engineering, 1919.
- MUCHMORE, GUY BROOKS, A.B., Assistant Professor of Public Speaking, 1913.

- MUENSCHER, WALTER CONRAD, A.M., Instructor in Botany, 1919.
Assistant, 1916; Instructor, 1917-18.
- MULLER, HENRY RICHARD, A.B., M.D., Instructor in Pathology, 1921. New York City.
Assistant, 1908-09; 1918.
- MURDOCK, CARLETON CHASE, Ph.D., Assistant Professor of Physics, 1919.
Assistant, 1909; Instructor, 1909-13; 1914-19.
- MURRELL, WILLIAM CAREY, Instructor in Electrical Engineering, 1919.
- MYERS, CLYDE HADLEY, Ph.D., Professor of Plant Breeding, 1914.
Extension Instructor, 1911; Assistant Professor, 1912.
- MYERS, WILLIAM IRVING, Ph.D., Professor of Farm Finance, 1920.
Assistant, 1914; Instructor, 1916; Assistant Professor of Farm Management, 1918.
- NAETER, ALBRECHT, B.S. in E.E., Instructor in Electrical Engineering, 1919.
- NAMMACK, CHARLES EDWARD, Ph.B., M.D., LL.D., Professor of Clinical Medicine, Department of Medicine, 1898. New York City.
- NAMMACK, CHARLES HALPIN, Ph.B., M.D., LL.D., Clinical Instructor in Medicine, Department of Medicine, 1916. New York City.
- NANZ, RALPH SIMPSON, B.S., Instructor in Botany, 1917. Assistant, 1912.
- NASH, THOMAS PALMER, A.M., M.D., Instructor in Chemistry, 1919. New York City.
- NEEDHAM, JAMES GEORGE, Ph.D., Professor of Entomology and Limnology, 1911.
Assistant Professor, 1906.
- NEHRLING, ARNO HERBERT, Assistant Professor of Floriculture, 1921.
- NELSON, JOHN HERBERT, A.B., Instructor in English, 1919.
- NICHOLLS, JESSE CROOK, Professor of Military Science and Tactics, 1921.
- NICHOLS, EDWARD LEAMINGTON, Ph.D., LL.D., Professor of Physics, Emeritus, 1919. Professor, 1887-1919; Dean of the College of Arts and Sciences, 1913-15.
- NICHOLS, MELVIN, B.Chem., Instructor in Chemistry, 1918. Assistant, 1917.
- NILES, WALTER LINDSAY, M.D., Professor of Clinical Medicine, 1920; Dean of the Medical College, 1919. New York City.
Instructor, 1904; Assistant Professor of Clinical Medicine, 1912; Acting Dean, 1918.
- NOBLE, CHARLES VERNON, Ph.D., Assistant Professor of Farm Management, 1920.
Instructor in Farm Management, 1916.
- NOLIN, ALBERT RAYMOND, M.E., Instructor in Machine Drawing, 1921.
- NONIDEZ, JOSE F., Sc.D., Instructor in Anatomy, 1920. New York City.
- NORRIS, CHARLES, Ph.B., M.D., Assistant Professor of Pathological Anatomy, Department of Pathology, 1917. New York City. Instructor, 1899.
- NORRIS, LEO CHANDLER, B.S., Instructor in Animal Husbandry, 1920.
Assistant, 1920.
- NORTH, ROBERT, B.Arch., Assistant Professor of Architecture, 1920.
Instructor, 1906-07.
- NORTHROP, BURDETTE KIBBE, M.E., Instructor in Electrical Engineering, 1918.
Assistant, 1917.
- NORTHROP, PAUL ALLEN, B.S., Instructor in Physics, 1919. Assistant, 1919.
- NORTHUP, CLARK SUTHERLAND, Ph.D., Professor of English, 1919; Librarian of the Hart Memorial Library 1914. (Absent on leave, second term.)
Assistant, 1895; Instructor, 1897; Assistant Professor, 1903.
- NORTON, LAURENCE JOSEPH, Ph.D., Instructor in Farm Management, 1917.
Extension Instructor, 1920-21.
- NOTESTEIN, WALLACE, Ph.D., Professor of English History, 1920.
- NOYES, BRADFORD, jr., M.S., Instructor in Physics, 1921. Assistant, 1920.
- OBERNDORF, CLARENCE P., M.D., Clinical Instructor in Medicine, Department of Neurology, 1915. New York City.
- O'CONNELL, WALTER CHRISTOPHER, Instructor in Physical Training, 1919.
Assistant, 1908.

- O'CONNER, JOHN M., M.D., Instructor in Operative Surgery, 1921. New York City.
- ODGEN, HENRY NEELY, C.E., Professor of Sanitary Engineering, 1908.
Instructor in Civil Engineering, 1889-92; 1894-98; Assistant Professor, 1898;
Assistant Professor of Sanitary Engineering, 1903.
- ODGEN, ROBERT MORRIS, Ph.D., Professor of Education, 1916.
- ORNDORFF, WILLIAM RIDGELY, Ph.D., Professor of Organic and Physiological Chemistry, 1903. Instructor, 1887; Assistant Professor, 1890.
- O'ROURKE, CHARLES EDWARD, C.E., Instructor in Civil Engineering, 1919.
- *ORTH, SAMUEL PETER, Ph.D., Goldwin Smith Professor of Political Science, 1919.
(Absent on leave.) Acting Professor, 1912; Professor, 1913.
- ORTNER, HOWARD BURNSHIP, B.S., Instructor in Physical Education, 1919.
- OSBORNE, JESSE OTTO, A.M., Instructor in Mathematics, 1921.
- OSTERBERG, EML, Instructor in Chemistry, 1911. New York City.
Assistant, 1906.
- OWENS, FREDERICK WILLIAM, Ph.D., Assistant Professor of Mathematics, 1915.
Instructor, 1907.
- OWENS, HELEN BREWSTER, Ph.D., Instructor in Mathematics, 1918.
Lecturer, 1917.
- PAINE, ERNEST TROWBRIDGE, Ph.D., Instructor in Philosophy, 1916.
Secretary of the College of Arts and Sciences, 1913-16, first term, 1918-19.
- PALMER, ARCHIE MACINNES, A.B., Secretary of the College of Arts and Sciences, 1920.
- PALMER, EPHRAIM LAWRENCE, Ph.D., Assistant Professor of Rural Education, 1919.
Assistant in Botany, 1910-13.
- PAPANICOLAU, GEORGE, Ph.D., M.D., Instructor in Anatomy, 1917. New York City. Assistant, 1914.
- PAPEZ, JAMES WENCESLAS, B.A., M.D., Assistant Professor of Anatomy and Neurology, 1920.
- PAPISH, JACOB, Ph.D., Instructor in Chemistry, 1919. Assistant, 1919.
- PARDEE, HAROLD E.B., M.D., Associate in Medicine, 1921. New York City.
Instructor, 1916.
- PARRISH, WAYLAND MAX, B.L., Instructor in Public Speaking, 1921.
- PARROTT, PERCIVAL JOHN, M.A., Professor of Entomology, 1920.†
- PARSON, JOHN THOMAS, Professor of Drawing in the College of Civil Engineering, 1919. Instructor in Civil Engineering, 1895; Assistant Professor, 1903; Assistant Professor of Drawing in the College of Civil Engineering, 1908.
- PATTERSON, WOODFORD, A.B., Secretary of the University and University Publisher, 1917.
- PEARSON, FRANK ASHMORE, B.S.A., Instructor in Agricultural Economics and Farm Management, 1920.
- PENDLETON, CLAUDE M., C.E., Instructor in Civil Engineering, 1919.
Instructor in Geology, 1919.
- PERKINS, HAROLD CHARLES, M.E., Instructor in Mechanics, 1920.
Instructor, 1916-19.
- PERRY, JOHN EDWIN, B.S. in C.E., Assistant Professor of Railroad Engineering, 1921.
Instructor, 1915.
- PERTSCH, JOHN GEORGE, jr., M.E., Assistant Professor of Electrical Engineering, 1916. Assistant, 1909; Instructor, 1910.
- PHELPS, ALBERT CHARLES, B.S., M.Arch., World War Memorial Professor of Architecture, 1920. Instructor, 1899; Assistant Professor, 1903; Professor, 1913.
- PIERCE, WILLIAM MARION, M.S., Instructor in Physics, 1920. Assistant, 1917.
- PITTMAN, ERNEST EDGAR, B.S. in Agr., Instructor in Dairy Industry, 1920.
Assistant, 1919.
- POND, MILES ALBION, Ph.B., Assistant Professor of Civil Engineering, 1907.
Instructor, 1902.

*Deceased.

†By affiliation with the New York State Agricultural Experiment Station at Geneva.

- POPE, PAUL RUSSEL, Ph.D., Professor of German, 1915. (Absent on leave, second term.) Instructor, 1902; Assistant Professor, 1906.
- PORITSKY, HILLEL, A.B., Instructor in Mathematics, 1920. Assistant, 1919.
- PRATT, HAROLD ARTHUR, M.S., Instructor in Floriculture, 1920.
- PRESCOTT, FREDERICK CLARKE, A.B., Professor of English, 1919.
Assistant Professor of Rhetoric, 1897; Assistant Professor of English, 1903.
- PRICE, WALTER VAN, M.S., Instructor in Dairy Industry, 1921. Assistant, 1919.
- PUMPELLY, LAURENCE, Ph.D., Assistant Professor of the Romance Languages and Literatures, 1914. Assistant in Chemistry, 1908-09; Instructor in the Romance Languages and Literatures, 1910.
- QUARLES, JAMES T., University Organist, 1913, and Assistant Professor of Music, 1916.
- RACE, HUBERT HAWLEY, Instructor in Electrical Engineering, 1920.
- RAHE, ALFRED HENRY, Ph.D., Instructor in Bacteriology, 1921. New York City.
- RANDOLPH, LOWELL FITZ, Ph.D., Instructor in Botany, 1921.
Assistant, 1918.
- RANUM, ARTHUR, Ph.D., Assistant Professor of Mathematics, 1910.
Assistant, 1904; Instructor, 1906.
- READ, ALICE GERTRUDE, A.B., Instructor in Physical Education, 1921.
- RECKNAGEL, ARTHUR BERNARD, B.A., M.F., Professor of Forest Management and Utilization, 1917. (Absent on leave, second term.) Professor of Forestry, 1913.
- REDDICK, DONALD, Ph.D., Professor of Plant Pathology, 1911.
Assistant in Botany, 1905; Assistant in Plant Pathology, 1907; Instructor, 1908;
Assistant Professor of Plant Pathology, 1909.
- REED, FRANK WALKER, Ph.D., Instructor in Mathematics, 1919.
- REED, HUGH DANIEL, Ph.D., Professor of Zoology, 1919.
Assistant, 1900; Instructor, 1902; Assistant Professor of Neurology and Vertebrate Zoology, 1906; Assistant Professor of Zoology, 1915.
- REESE, ROBERT GRIGG, Ph.G., M.D., Professor of Clinical Surgery, Department of Ophthalmology, 1911. New York City.
Clinical Assistant, 1898; Instructor, 1899.
- REEVES, JEREMIAH BASCOM, M.A., Instructor in English, 1920.
- RETTGER, ERNEST WILLIAM, Ph.D., Assistant Professor of Applied Mechanics, 1908.
Instructor in Civil Engineering, 1907.
- REYNA, JUAN ESTEVAN, E.E., Assistant Professor of Rural Engineering, 1919.
Instructor in Drawing, 1912; Assistant Professor of Drawing, 1917.
- REYNOLDS, ELLEN ANN, M.S., M.A., Assistant Professor of Home Economics, 1921.
Extension Instructor, 1920; Assistant Extension Professor, 1920.
- REYNOLDS, FREDERICK WILLIAM, B.S. in E.E., Instructor in Physics, 1920
- RHODES, FRED HOFFMANN, Ph.D., Professor of Chemistry, 1920.
Assistant, 1910-14; Instructor, 1915-17.
- RICE, FRANK ELMORE, Ph.D., Assistant Professor of Chemistry in its Relations to Agriculture, 1916. Assistant, 1909; Instructor, 1912.
- RICE, JAMES EDWARD, B.S. in Agr., Professor of Poultry Husbandry, 1907.
Assistant, 1892-93; Assistant Professor, 1903.
- RICHARDSON, HENRY B., Instructor in Medicine, 1921. New York City.
- RICHMOND, DONALD EVERETT, A.B., Instructor in Physics, 1920.
Assistant, 1918.
- RICHTMYER, FLOYD KARKER, Ph.D., Professor of Physics, 1918.
Assistant, 1903-04; Instructor, 1906; Assistant Professor, 1911.
- RIDDLE, ARTHUR RAYMOND, Instructor in Physics, 1921.
- RIDER, ARTHUR JOHN, M.S., Instructor in Chemistry, 1917. Assistant, 1916.
- RIES, HEINRICH, Ph.D., Professor of Geology, 1906.
Instructor, 1898; Assistant Professor, 1902.
- RILEY, HOWARD WAIT, M.E., Professor of Rural Engineering, 1912.
Instructor in Experimental Engineering, 1906; Instructor in Farm Mechanics, 1907; Assistant Professor, 1909.

- RINGER, MICHAEL, M.D., Associate in Physiology, 1921. New York City.
- ROBB, BYRON BURNETT, M.S. in Agr., Professor of Rural Engineering, 1919.
Assistant in Farm Mechanics, 1910; Instructor, 1911; Assistant Professor of Rural Engineering, 1913.
- ROBERTS, ISAAC PHILLIPS, M.Agr., Professor of Agriculture, Emeritus, 1903.
Assistant Professor of Agriculture, 1873; Professor of Agriculture, 1874; Director of Agricultural Experiment Station, 1888; Director of College of Agriculture, 1890; Dean of Faculty of Agriculture, 1896; Lecturer in Agriculture, 1903-06.
- ROBERTS, REENA, B.S., M.A., Instructor in Home Economics, 1921.
- ROBISON, GEORGE MERRITT, Ph.D., Instructor in Mathematics, 1919.
- ROEHL, LOUIS M., Assistant Professor of Farm Shop, 1920.
Instructor in Rural Engineering, 1919.
- ROGERS, FRED STILLMAN, B.S., M.E., Assistant Professor of Machine Design, 1918.
Instructor, 1914.
- ROGERS, JAMES HARVEY, Ph.D., Acting Professor of Economics, 1921.
Assistant Professor, 1920.
- ROGERS, JOHN, Ph.D., M.D., Professor of Clinical Surgery, Department of Surgery, 1909. New York City. Instructor, 1898.
- ROHDE, MAX S., M.D., Clinical Instructor in Surgery, Department of Urology, 1921. New York City.
- ROOT, MAURICE TIMOTHY, A.B., M.D., Assistant Professor of Hygiene, 1920.
- ROPER, JOSEPH CHARLES, M.D., Instructor in Clinical Medicine, Department of Pediatrics, 1918. New York City.
Assistant in Histology, 1901-04; 1904-06; Clinical Instructor in Medicine, Department of Pediatrics, 1911.
- ROSE, FLORA, B.S., M.A., Professor of Home Economics, 1911.
Lecturer, 1907.
- ROSS, HAROLD ELLIS, M.S. in Agr., Professor of Dairy Industry, 1912.
Assistant, 1906; Instructor, 1907; Assistant Professor, 1909.
- ROWLEE, WILLARD WINFIELD, B.L., D.Sc., Professor of Botany in the College of Arts and Sciences, 1906. Instructor, 1889; Assistant Professor, 1893.
- RYDER, MORTON, Instructor in Pathological Anatomy, 1921. New York City.
- SABY, RASMUS S., Ph.D., Assistant Professor of Political Science, 1912.
Assistant, 1909; Instructor in Economics, 1910.
- SAMMIS, JESSE, M.D., Instructor in Medicine, Department of Pediatrics, 1920. New York City.
- SAMPSON, MARTIN WRIGHT, M.A., Goldwin Smith Professor of English Literature, 1912. Acting Professor, 1908; Professor, 1909.
- SAMUELS, BERNARD, M.D., Assistant Professor of Clinical Surgery, Department of Ophthalmology, 1921. New York City. Instructor, 1915.
- SAND, AUSTIN WERTMAN WILLIAM, M.S., Instructor in Floriculture, 1920.
- SANDERS, GERALD DEWITT, M.A., Instructor in English, 1919.
- SANDERSON, DWIGHT, Ph.D., Professor of Rural Social Organization, 1918.
- SANJURJO, PRIMITIVO R., Ph.D., Instructor in the Romance Languages and Literatures, 1920.
- SANTEE, HAROLD ELMORE, A.B., M.D., Assistant Professor of Clinical Surgery, 1921. New York City. Assistant, 1913-14; 1917-19; Instructor, 1914-17; 1919-21.
- SAVAGE, ELMER SETH, Ph.D., Professor of Animal Husbandry, 1913.
Assistant, 1907; Instructor, 1908; Assistant Professor, 1910.
- SAWDON, WILL MILLER, M.M.E., Professor of Mechanical Engineering, 1919.
Instructor, 1904; Assistant Professor, 1908.
- SCHMIDT, NATHANIEL, A.M., Professor of Semitic Languages and Literatures and Oriental History, 1920. Professor of Semitic Languages and Literatures, 1896.
- SCHNECK, HENRY WILLIAM, M.S.A., Assistant Professor of Vegetable Gardening, 1917. Instructor, 1913.

- SCHODER, ERNEST WILLIAM, Ph.D., World War Memorial Professor of Experimental Hydraulics, 1920. (Absent on leave, second term.)
 Engineer in charge of the Hydraulic Laboratory, 1904; Assistant Professor of Experimental Hydraulics, 1905; Professor of Experimental Hydraulics, 1919.
- SCHRAMM, JACOB RICHARD, Ph.D., Professor of Botany, 1917. (Absent on leave, second term.) Assistant Professor, 1915.
- SCHROEDER, LOUIS C., M.D., Associate in Clinical Medicine, Department of Pediatrics, 1921. New York City. Instructor, 1919.
- SCHULTZE, OTTO HENRY, A.B., M.D., Professor of Pathological Anatomy, 1921. New York City. Instructor, 1898; Lecturer, 1904; Assistant Professor of Pathological Anatomy, 1908; Professor of Medico-Legal Pathology, 1912; Professor of Medical Jurisprudence, 1917.
- SCHWARTZ, HANS JÖRGEN, M.D., Instructor in Clinical Medicine, Department of Dermatology, 1917. New York City. Assistant, 1903; Clinical Instructor, 1906.
- SCOFIELD, HERBERT HENRY, M.E., Assistant Professor of Materials, Civil Engineering, 1919.
- SCOTT, MERIT, A.B., Instructor in Physics, 1920. Assistant, 1918.
- SCOVILLE, GAD PARKER, B.S. in Agr., Professor of Agricultural Economics and Farm Management, 1921. (Absent on leave, first term.)
 Assistant Professor, 1914; Assistant Extension Professor, 1917; Extension Professor, 1920.
- SEERY, FRANCIS JOSEPH, Bach. Mech. Sci., Professor of Civil Engineering, 1919. Instructor, 1905; Assistant Professor, 1907.
- SHAFFER, NEWTON MELMAN, M.D., Professor of Clinical Surgery, Emeritus, Department of Orthopedics, 1912, and of Orthopedic Surgery, 1913.
 Professor of Orthopedic Surgery, 1898; Professor of Orthopedics, 1900; Professor of Clinical Surgery, Department of Orthopedics, 1906-11.
- SHARP, LESTER WAYLAND, Ph.D., Professor of Botany in the College of Agriculture, 1916. Instructor, 1914; Assistant Professor, 1916.
- SHARPE, FRANCIS ROBERT, Ph.D., Professor of Mathematics, 1919.
 Assistant, 1905; Instructor, 1906; Assistant Professor, 1910.
- *SHEARER, JOHN SANFORD, Ph.D., Professor of Physics, 1909.
 Assistant, 1893; Instructor, 1894; Assistant Professor, 1903.
- SHELDON, WILLIAM HILLS, M.D., Assistant Professor of Clinical Medicine, 1916. New York City. Assistant, 1910; Instructor, 1911.
- SHELLENBERGER, ROLFE, B.S. in M.E., M.E., Instructor in Machine Design, 1919.
- SHOLL, LLOYD BANKS, Instructor in Bacteriology and Pathology, Veterinary College, 1921.
- SIBLEY, CHARLES KERR, Instructor in Limnology, 1920. Assistant in Zoology, 1919.
- SIBLEY, ROBERT PELTON, M.A., L.H.D., Professor and Secretary of the College of Agriculture, 1920.
- SIKES, EARL RAY, A.B., Instructor in Economics, 1920. Assistant, 1916-17.
- SIMPSON, ANDREW, A.B., Instructor in Electrical Engineering, 1921.
- SIMPSON, SUTHERLAND, D.Sc., M.D., F.R.S.E., World War Memorial Professor of Physiology, 1920. Professor, 1908.
- SKEEN, JOHN HALL, B.S. in E.E., Instructor in Electrical Engineering, 1921.
- SLICHTER, SUMNER HUBER, Ph.D., Assistant Professor of Economics, 1920.
- SMILEY, DEAN FRANKLIN, A.B., M.D., Assistant Professor of Hygiene, 1921. Instructor, 1920.
- SMITH, ALBERT WILLIAM, M.M.E., Professor of Mechanical Engineering, Emeritus, 1921. Assistant Professor of Mechanical Engineering, 1887-91; Professor of Power Engineering and Dean of Sibley College, 1904-20; Acting President of the University, 1920-21.
- SMITH, ELLIOTT BOUGHTON, Instructor in Machine Design, 1921.

*Deceased.

- SMITH, FREDERICK MANNING, A.B., M.A., Instructor in English, 1918.
- SMITH, FREDERICK MILLER, A.B., Assistant Professor of English, 1918.
Instructor, 1910.
- SMITH, HARMON, A.B., M.D., Professor of Clinical Surgery, Department of Laryngology and Rhinology, 1913. New York City.
- SMITH, MORRIS K., M.D., Instructor in Surgery, 1920. Assistant, 1916.
- SMITH, PRESERVED, Ph.D., Lecturer in Medieval History, 1922.
- SNEED, WILLIAM L., M.D., Instructor in Applied Anatomy, 1919. New York City.
- SNYDER, VIRGIL, Ph.D., Professor of Mathematics, 1910. (Absent on leave, first term.) Instructor, 1895; Assistant Professor, 1903.
- SOULE, WILLIAM L., M.D., Clinical Instructor in Anaesthesia, Department of Surgery, 1916. New York City.
- SPENCER, HENRY J., M.D., Instructor in Medicine, 1921. New York City.
Instructor, 1917-19.
- SPENCER, LELAND, B.S., Instructor in Agricultural Economics and Farm Management, 1921. Extension Instructor, 1920.
- SPRING, SAMUEL NEWTON, A.B., M.F., Professor of Silviculture, 1917.
Professor of Forestry, 1912.
- STAGG, CHARLES TRACEY, LL.B., Professor of Law, and Secretary of the College, 1914. (Absent on leave.)
Instructor, 1908; Assistant Professor of Law, 1909.
- STANTON, WALTER HUTCHINSON, Instructor in Physics, 1921.
- STARR, RAYMOND TERRY, Instructor in Experimental Engineering, 1920.
- STECHMANN, FREDERICK W., M.D., Clinical Instructor in Medicine, Department of Neurology, 1918. New York City.
- STEPHENS, RICHMOND, M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery, 1917. New York City.
- STEPHENSON, HADLEY CARRUTHERS, B.S., Instructor in Materia Medica, Veterinary College, 1921. Instructor in Veterinary Medicine, 1919.
- STEPHENSON, J.W., M.D., Clinical Instructor in Medicine, Department of Neurology, 1918. New York City.
- STEVENS, ROBERT SPROULE, A.B., LL.B., Acting Professor of Law, 1921.
Lecturer, 1919.
- STEVENSON, GEORGE S., M.D., Clinical Instructor in Medicine, Department of Psychiatry, 1921. New York City.
- STEWART, FRED CARLTON, M.S., Professor of Plant Pathology, 1920.*
- STEWART, ROLLAND MACLAREN, Ph.D., Professor of Rural Education, 1918.
Acting Professor, 1918.
- STILLMAN, RALPH G., M.D., Assistant Professor of Clinical Pathology, 1922. New York City. Instructor in Clinical Medicine, 1914; Instructor in Clinical Pathology, 1920.
- STIMSON, PHILIP M., M.D., Instructor in Clinical Medicine, Department of Pediatrics, 1919. New York City.
- STOCKARD, CHARLES RUPERT, Ph.D., Professor of Anatomy, 1911. New York City. Assistant in Embryology and Histology, 1906; Instructor in Comparative Morphology, 1908; Assistant Professor, 1909.
- STOCKING, WILLIAM ALONZO, jr., M.S. in Agr., Professor of Dairy Industry, 1909. Assistant Professor, 1906; Acting Director of the College of Agriculture, 1913-14.
- STONE, JOHN LEMUEL, B.Agr., Professor of Farm Practice, Emeritus, 1919.
Assistant, 1897; Assistant Professor, 1903; Professor, 1907.
- STONE, WALTER KING, Acting Assistant Professor of Drawing, 1920.
- STRAIN, WILLIAM PETER, M.D., Instructor in Clinical Medicine, Department of Pediatrics, 1919. New York City.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- STRONG, LAWRENCE W., M.D., Instructor in Gynecological Pathology, 1918. New York City.
- STRUNK, WILLIAM, jr., Ph.D., Professor of English, 1909.
Instructor, 1891; Assistant Professor, 1899.
- SUMNER, JAMES BATCHELLER, Ph.D., Assistant Professor of Biochemistry in the Department of Physiology, 1914. (Absent on leave.)
- SUNDERVILLE, EARL, D.V.M., Assistant Professor of Veterinary Anatomy, 1913.
Assistant, 1908; Instructor, 1909.
- SUTTON, HENRY BRUNER, Instructor in Diagnosis, Veterinary College, 1921.
Assistant in Anatomy, 1916-18.
- SWITZER, FREDERICK GEORGE, M.E., Assistant Professor of Hydraulics, 1917.
Instructor, 1916.
- TANNER, JOHN HENRY, Ph.D., Professor of Mathematics, 1904.
Instructor, 1891; Assistant Professor, 1894.
- TARBOUX, JOSEPH GALLUCHAT, B.S., Instructor in Electrical Engineering, 1920.
- TAYLOR, ALFRED S., M.D., Professor of Clinical Surgery, 1918. New York City.
Lecturer on the Peripheral Nervous System, 1910; Lecturer on Surgery, 1911;
Assistant Professor of Operative Surgery, 1913; Professor of Operative Surgery, 1914.
- TAYLOR, FENTON, M.D., Instructor in Clinical Surgery, 1921. New York City.
Assistant, 1920.
- THATCHER, ROSCOE WILFRED, B.S., M.A., D. Agr., Professor of Plant Chemistry, 1921.*
- THEARLE, ERNEST LATHROP, Instructor in Mechanics, 1920.
- THILLY, FRANK, Ph.D., LL.D., Professor of Philosophy, 1906.
Instructor, 1892-93; Dean of the College of Arts and Sciences, 1915-21.
- THOMPSON, HOMER COLUMBUS, B.S., Professor of Vegetable Gardening, 1918.
- THOMPSON, WARREN SIMPSON, Ph.D., Professor of Rural Social Organization, 1921.
Acting Professor, 1918.
- THOMPSON, WILLIAM GILMAN, Ph.B., M.D., Professor of Medicine, Emeritus, 1916.
New York City. Professor of Medicine, 1898.
- THRO, WILLIAM CROOKS, A.M., M.D., Assistant Professor of Clinical Pathology, 1910. New York City. Assistant, 1901; Instructor, 1902-03; 1910.
- TITCHENER, EDWARD BRADFORD, Ph.D., LL.D., D.Sc., Litt. D., Sage Professor of Psychology in the Graduate School, 1910; Lecturer in Psychology, 1912.
Assistant Professor, 1892; Professor, 1895.
- TONOW, PAUL TAKUMA, M.Agr., M.L.D., Instructor in Landscape Art, 1922.
- TORREY, JOHN CUTLER, Ph.D., Professor of Hygiene, 1915. New York City.
Assistant Instructor, 1903; Instructor and Lecturer on Hygiene, 1909; Assistant Professor of Experimental Pathology, 1910.
- TOWNSEND, CLARENCE ELLSWORTH, M.E., Assistant Professor of Drawing in the College of Engineering, 1921. Instructor in Machine Design, 1910; Assistant Professor of Machine Design, 1919.
- TRAVIS, REED PELTON, B.S., Instructor in Dairy Industry, 1921.
Assistant, 1920.
- TREVOR, JOSEPH ELLIS, Ph.D., Professor of Thermodynamics, 1908.
Assistant Professor of Chemistry, 1892; Assistant Professor of General and Physical Chemistry, 1894; Professor, 1900; Professor of Physical Chemistry, 1903.
- TROY, HUGH CHARLES, B.S. in Agr., Professor of Dairy Industry, 1912.
Assistant, 1897.
- TURNURE, PERCY R., A.M., M.D., Assistant Professor of Clinical Surgery, Department of Surgery, 1916. New York City.
- TYNDALL, EDWARD PHILIP THEODORE, B.A., Instructor in Physics, 1919.
Assistant, 1916.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- UDALL, DENNY HAMMOND, B.S.A., D.V.M., Professor of Veterinary Medicine, 1910; and Director of Ambulatory Clinic, 1914.
Demonstrator, 1900-01; Acting Professor, 1908.
- UNDERWOOD, PAUL HALLADAY, C.E., Assistant Professor of Topographic and Geodetic Engineering, 1912. Instructor in Civil Engineering, 1907.
- UPTON, GEORGE BURR, M.M.E., Professor of Experimental Engineering, 1919. (Absent on leave.)
Instructor, 1905; Assistant Professor, 1910.
- URQUHART, LEONARD CHURCH, C.E., Assistant Professor of Civil Engineering, 1918.
Instructor, 1911.
- VALENTINE, JULIUS J., M.D., Clinical Instructor in Surgery, Department of Urology, 1920. New York City.
- VAN ALLEN, GEORGE RAYMOND, A.B., Instructor in English, 1920.
- VANDEGRIFT, GEORGE W., A.M., M.D., Clinical Instructor in Surgery, Department of Ophthalmology, 1911. New York City.
- VANDIVER, HARRY SHULTZ, Instructor in Mathematics, 1919.
- VAN RENSSELAER, MARTHA, A.B., Professor of Home Economics, 1911.
Supervisor of Farmers' Wives' Reading Course, 1903; Lecturer, 1907.
- VAN SLYKE, LUCIUS LINCOLN, Ph.D., Professor of Dairy Industry, 1920.*
- VARLEY, JAMES RICHARD, D.V.M., Instructor in Veterinary Surgery, 1920.
- VEDDER, EARL CHARLES, A.B., Instructor in Political Science, 1921-22.
Assistant, 1920.
- VIEWEG, HERMANN FREDERICK, Instructor in Mineralogy, 1920.
Assistant, 1919.
- VON ENGELN, OSCAR DIEDRICH, Ph.D., Professor of Physical Geography, 1921. (Absent on leave.)
Assistant in Dynamic Geology, 1905; Instructor in Physical Geography, 1907; Assistant Professor, 1912.
- WAKEMAN, SETH, M.A., Instructor in Education, 1919.
- WALKER, CHARLES LEOPOLD, C.E., Assistant Professor of Sanitary Engineering, 1912. Instructor in Civil Engineering, 1905; Assistant Professor of Applied Mechanics 1908.
- WALLACE, CHARLETON, M.D., Professor of Clinical Surgery, Department of Orthopedic Surgery, 1914. New York City.
Assistant Professor, 1913.
- WANN, FRANK BURKETT, Ph.D., Instructor in Botany, College of Agriculture, 1916.
- WARD, GEORGE GRAY, jr., M.D., Professor of Obstetrics and Gynecology, 1920.
Instructor, 1898; Assistant Professor, 1916; Associate Professor, 1917.
- WARD, NAIRNE FORSYTH, M.E., Instructor in Machine Design, 1921.
- WARNER, ANNETTE J., Professor of Home Economics, 1920. Assistant Professor of Design in the Department of Home Economics, 1913; Assistant Professor of Home Economics, 1917; Acting Professor, 1919.
- WARREN, GEORGE FREDERICK, jr., Ph.D., Professor of Agricultural Economics and Farm Management, 1920. (Absent on leave, first term.)
Assistant Professor of Agronomy, 1906; Professor of Farm Management, 1909.
- WEBER, JOHN LEROY, C.E., Assistant Professor of Hydraulics, 1921.
Acting Assistant Professor, 1919.
- WEHRLE, LAWRENCE PAUL, M.S., Research Instructor in Entomology, 1920.
Extension Instructor, 1918.
- WEISS, HERBERT ALBERT JULIUS, M.E., Instructor in Machine Design, 1920.
- WELCH, DONALD STUART, B.S., Instructor in Plant Pathology, 1921.
- WELD, HARRY PORTER, Ph.D., Professor of Psychology, 1919.
Assistant Professor of Psychology, 1912.

*By affiliation with the New York State Agricultural Experiment Station at Geneva.

- WELLS, ALBERT EDWARD, Sibley Professor of Mechanical Arts, 1920.
Foreman of Machine Shop, 1904; Superintendent of Shops, 1905; Assistant Professor, 1912; Professor of Machine Construction, 1916.
- WERRING, WALTER WILLIAM, Instructor in Experimental Engineering, 1920.
- WERTZ, CYRIL J., B.S. in E.E., Instructor in Electrical Engineering, 1920.
- WEST, LUTHER SHIRLEY, B.S., Instructor in Parasitology, 1921.
Instructor in Parasitology, 1921.
- WESTERMANN, WILLIAM LINN, Ph.D., Professor of Ancient History, 1920.
- WETHERBEE, DORA HARRIS, Acting Assistant Professor of Home Economics, 1921.
- WHEELER, GEORGE WHITING, M.D., Instructor in Bacteriology, 1921. New York City. Assistant, 1921.
- WHETZEL, HERBERT HICE, A.B., Professor of Plant Pathology, 1909. (Absent on leave.) Assistant, 1903; Assistant Professor, 1906.
- WHITE, ANDREW CURTIS, Ph.D., Reader in Greek, 1903, and Assistant Librarian, 1889. Instructor in Latin, 1885-86; Instructor in Greek and Latin, 1886-88; Instructor in Latin, 1888-89; Instructor in Greek, 1888-99; Reader in Greek, 1899-1901.
- WHITE, EDWARD ALBERT, B.S., Professor of Floriculture, 1913. (Absent on leave, first term.)
- WHITE, GEORGIA LAURA, Ph.D., Dean of Women, 1920.
Adviser of Women, 1918.
- WHITESIDE, HORACE EUGENE, A.B., Instructor in Physical Education, 1919.
- WHITING, FREDERICK, A.M., M.D., Professor of Clinical Surgery, Department of Otolaryngology, 1904. New York City.
- WHITING, HOWARD ERWIN, Instructor in Civil Engineering, 1921.
- WIEGAND, KARL MCKAY, Ph.D., Professor of Botany in the College of Agriculture, 1913. (Absent on leave, first term.) Assistant, 1894; Instructor, 1899-1907.
- WIGGANS, ROY GLEN, Ph.D., Assistant Professor of Plant Breeding, 1921.
Assistant in Agronomy, 1914; Instructor in Farm Crops, 1915-16, 1917; Assistant Professor of Farm Crops, 1919.
- WILBER, DAVID TRUXTON, A.B., Instructor in Physics, 1918.
Instructor in Mineralogy and Petrography, 1912-14; Assistant in Mineralogy and Petrography, 1917.
- WILDER, BURT GREEN, B.S., M.D., Professor of Neurology and Vertebrate Zoology, Emeritus, 1910. Professor of Comparative Anatomy and Zoology, 1867; Professor of Physiology, Anatomy, and Zoology, 1878; Professor of Physiology, Vertebrate Zoology and Neurology, 1893; Professor of Neurology and Vertebrate Zoology, 1905.
- WILENSKY, ABRAHAM O., A.B., M.D., Instructor in Operative Surgery, 1919. New York City.
- WILLCOX, WALTER FRANCIS, Ph.D., LL.D., Professor of Economics and Statistics, 1910. Instructor in Logic, 1891; Assistant Professor of Social Science and Statistics and Political Economy, 1892; Assistant Professor of Social Science and Statistics, 1893; Associate Professor, 1894; Professor, 1898; Professor of Political Economy and Statistics, 1901; Dean of the Faculty of Arts and Sciences, 1901-07.
- WILLIAMS, GERALD CROFOOT, Instructor in Civil Engineering, 1920.
- WILLIAMS, WALTER LONG, Professor of Veterinary Surgery, Emeritus, 1921.
Professor of Principles and Practice of Veterinary Surgery, Zootechny, Obstetrics, and Jurisprudence, 1896; Professor of Veterinary Surgery and Obstetrics and Investigator of Diseases of Young Animals and Breeding Cattle, 1914; Professor of Obstetrics and Research Professor of the Diseases of Breeding Cattle, 1915.
- WILLIAMS, WILLIAM LLOYD GARRISON, Ph.D., Instructor in Mathematics, 1920.
- WILLIAMSON, HERVEY C., M.D., Instructor in Obstetrics and Gynecology, 1921. New York City. Instructor in Obstetrics 1917.
- WILSON, BENJAMIN DUNBAR, Ph.D., Assistant Professor of Soil Technology, 1919.
Assistant, 1915; Instructor, 1917.
- WILSON, CARL LOUIS, A.M., Instructor in Botany, 1921.
Assistant, 1919.

- WILSON, JAMES KENNETH, Ph.D., Professor of Soil Technology, 1919.
Assistant in Plant Physiology, 1912; Instructor and Investigator in Botany, 1913; Assistant Professor of Soil Technology, 1914.
- WILSON, LYMAN P., B.S., J.D., Professor of Law, 1921.
- WILSON, MAY G., M.D., Instructor in Clinical Medicine, Department of Pediatrics, 1921. New York City.
Clinical Instructor in Medicine, Department of Pediatrics, 1918.
- WILSON, WILFORD MURRY, M.D., Professor of Meteorology, 1910.
Lecturer, 1906; Instructor, 1907.
- WING, HENRY HIRAM, M.S. in Agr., Professor of Animal Husbandry, 1903.
Instructor in Dairy Industry, 1890; Assistant Professor of Animal Husbandry and Dairy Industry, 1891.
- WING, LUCIUS A., B.S., M.D., Clinical Instructor in Surgery, 1912. New York City.
- WINTERS, JOSEPH EDCIL, M.D., Professor of Pediatrics, Emeritus, 1919. New York City. Professor, 1898.
- WOLFF, IRVING, B.S., Instructor in Physics, 1920.
- WOOD, EDGAR HARPER, M.M.E., Professor of Mechanics of Engineering, 1910.
Instructor in Drawing, 1899; Assistant Professor of Machine Design, 1907.
- WOOD, KARL DAWSON, Instructor in Mechanics, 1920.
Assistant in Physics, 1918.
- WOODRUFF, EDWIN HAMLIN, LL.B., Professor of Law, 1896. Instructor in English, 1888-90; Acting Dean, 1914-16; Dean of the College of Law, 1916-21.
- WOOLSEY, GEORGE, A.B., M.D., Professor of Clinical Surgery and Anatomy, 1898. New York City.
- WORCESTER, JAMES, M.D., Instructor in Clinical Surgery, 1915. New York City.
- WORK, PAUL, A.B., M.S. in Agr., Professor of Vegetable Gardening, 1920.
Instructor and Investigator in Vegetable Gardening, 1910; Acting Professor of Vegetable Gardening, 1917-19.
- WORKS, GEORGE ALAN, Ph.B., M.S. in Agr., Professor of Rural Education, 1914. (Absent on leave, first term.)
- WRIGHT, ALBERT HAZEN, Ph.D., Assistant Professor of Zoology, 1915.
Assistant in Neurology and Vertebrate Zoology, 1905; Instructor, 1908.
- WRONKER, BENNE MAURICE, M.D., Instructor in Clinical Medicine, Department of Pediatrics, 1919. New York City.
- YOUNG, BENJAMIN PERCY, Ph.D., Assistant Professor of Zoology, 1919.
Instructor in Entomology, 1917.
- YOUNG, CHARLES VAN PATTEN, A.B., Professor of Physical Education and Director of the Gymnasium, 1906. Acting Professor, 1904.
- YOUNG, GEORGE, jr., B.Arch., Professor of the Theory of Construction in the College of Architecture, 1915. Assistant Professor, 1909.
- YOUNG, HELEN BINKERD, B.Arch., Professor of Home Economics, 1920.
Instructor, 1910; Assistant Professor, 1911.
- ZAPATA Y TORRES, MIGUEL, Instructor in the Romance Languages and Literatures, 1917.

EXTENSION STAFF OF THE COLLEGE OF AGRICULTURE*

- ADAMS, ROBERT MORRILL, B.S., A.B., Assistant Extension Professor of Vegetable Gardening, 1920.
- ATWOOD, MILLARD VAN MARTER, A.B., Assistant Professor in Extension Service, 1920.
- AYRES, WINFRED ENOS, Extension Instructor in Dairy Industry, 1915.
Instructor, 1914.
- BARRON, JOHN HALL, B.S.A., Extension Professor of Farm Crops, 1920.
Assistant Professor, 1914.

*This list does not include the extension teachers who are members of the faculty.

- BATES, ERL, M.D., Adviser in Indian Extension, 1920.
- BECHTEL, JOHN REIFF, M.S., Assistant Extension Professor of Vegetable Gardening, 1921.
- BEHREND, FREDERICK GARDNER, B.S., Assistant Extension Professor of Rural Engineering, 1919. Instructor, 1916-17.
- BLINN, ALICE MAY, Extension Instructor in Home Economics, 1918.
- BLODGETT, WARREN KENDALL, A.B., Assistant Extension Professor of Rural Engineering, 1917.
- BOTSFORD, HAROLD EUGENE, B.S., Assistant Extension Professor of Poultry Husbandry, 1920. Assistant, 1916; Extension Instructor, 1918.
- BOUTELLE, CLARENCE ALFRED, Assistant Extension Professor of Animal Husbandry, 1916.
- BOYLE, JAMES ERNEST, Ph.D., Extension Professor of Rural Economy, 1917.
- BREW, JAMES DUNCAN, B.S., Extension Professor of Dairy Industry, 1920. Assistant Extension Professor, 1919.
- BREWER, SARAH LUCILE, B.S., Assistant Extension Professor of Home Economics, 1919. Instructor, 1916; Assistant Professor, 1918.
- BYRD, EVELYN, B.A., B.S., Extension Instructor in Home Economics, 1922.
- CANON, HELEN, State Leader of Home Demonstration Agents in charge of Program, 1920. Assistant in Home Economics, 1915; Extension Instructor, 1917; Assistant Extension Professor, 1918.
- CHUPP, CHARLES, Ph.D., Assistant Extension Professor of Plant Pathology, 1919. Assistant 1912; Instructor, 1914; Extension Instructor, 1917.
- COLLINGWOOD, GEORGE HARRIS, B.S., Assistant Extension Professor of Forestry, 1916.
- CORYELL, JAY, B.S. in Agr., State Leader of County Agents, 1921. Assistant State Leader, 1917.
- DALTON, LEONARD A., B.S. Agr., A.M., Extension Instructor in Agronomy, 1921.
- DAVIS, CHARLOTTE GRACE, B.S., Extension Instructor in Home Economics, 1921.
- DUNN, PERCY LAWRENCE, B.S., Instructor in Extension Service, 1919. Assistant in Farm Management, 1918; Assistant in Extension Teaching, 1919.
- FRENCH, IRENE, Extension Instructor in Home Economics, 1920.
- GABRIEL, HARRY S., M.S., Extension Instructor in Farm Management, 1922. Student Assistant in Rural Education, 1919-20; Instructor in Agricultural Economics and Farm Management, 1920.
- GILLIS, MERL CONRAD, B.S. in Agr., Extension Instructor in Plant Breeding, 1921. Assistant, 1919.
- GLEASON, EDNA GERTRUDE, B.S., Extension Instructor in Home Economics, 1921.
- GOODMAN, APHHEUS MANSFIELD, B.S.A., Extension Assistant Professor of Rural Engineering, 1920. Extension Instructor, 1919.
- GRAMS, WILLIAM THEODORE, B.S. in Agr., Extension Instructor in Animal Husbandry, 1921.
- GUSTAFSON, AXEL FERDINAND, Ph.D., Assistant Extension Professor of Soil Technology, 1920. Instructor, 1920.
- HOERNER, GODFREY RICHARD, M.S., Assistant Extension Professor of Plant Pathology, 1921.
- HURD, LEWIS MERWIN, Extension Instructor in Poultry Husbandry, 1914. Assistant, 1909.
- JOHNSON, EMMA, B.S., Assistant State Leader, Junior Extension, Department of Rural Education, 1919.
- JONES, JENNIE CATHERINE, Extension Instructor in Home Economics, 1920.
- KIRBY, ROBERT STEARNS, M.S., Extension Instructor in Plant Pathology, 1920.
- LECHLER, ALFRED COBAUGH, B.S., Instructor in Extension Service, 1921.
- LEONARD, MORTIMER DEMAREST, Ph.D., Assistant Extension Professor in Entomology, 1921. Assistant, 1912; Instructor, 1917.

- LIVERMORE, JOSIAH RANDALL, B.S., Extension Instructor in Plant Breeding, 1921
Assistant, 1913; Instructor, 1914-15.
- MCNEAL, NANCY HILL, Ph.B., Assistant Extension Professor of Home Economics,
1919. Instructor, 1917; Extension Instructor, 1918.
- MOORE, ROY WALLACE, B.S., Extension Instructor in Agricultural Chemistry, 1921.
Assistant, 1919.
- NYE, CLARIBEL, B.S., State Leader of Home Demonstration Agents, in charge of
Study Clubs, 1920. Assistant, 1913; Extension Instructor, 1917; Instructor,
1918; Assistant Extension Professor of Home Economics, 1918.
- OGLE, ROBERT CARROLL, Extension Instructor in Poultry Husbandry, 1918.
- OSKAMP, JOSEPH, B.S., Extension Professor of Pomology, 1921.
- PALMER, JAMES BECKLEY, B.S., Extension Instructor in Entomology, 1921.
- PEABODY, GEORGE ERIC, B.S., Assistant in Extension Service, 1921.
- PECK, GILBERT WARREN, M.S. in Agr., Assistant Extension Professor of Pomol-
ogy, 1920. Instructor, 1913; Extension Instructor, 1917-18.
- PORTER, JOSEPH PULLMAN, B.S., M.L.D., Extension Instructor in Landscape Art,
1919. Assistant, 1917; Instructor, 1917.
- RASMUSSEN, MYERS PETER, B.S., Extension Instructor in Agricultural Economics
and Farm Management, 1922.
- ROBERTSON, FRED EUGENE, Assistant County Agent Leader, Extension Service, 1919.
- ROBINSON, MONTGOMERY, Litt.B., B.S., Professor in Extension Service, 1920.
Assistant, 1913; Instructor, 1914; Assistant Professor, 1916.
- SCHUMAKER, DORIS, B.S., Assistant Extension Professor of Home Economics, 1921.
Extension Instructor, 1920.
- SIMONS, LLOYD R., B.S.A., Assistant County Agent Leader, Extension Service, 1920.
- SMITH, FRANCIS CHAUNCEY, B.S., Extension Instructor in Farm Crops, 1919.
Assistant, 1918.
- SMITH, RUBY GREEN, Ph.D., State Leader of Home Demonstration Agents, Ex-
tension Service, 1920.
Assistant State Leader, 1919.
- SNOOK, ESTHER LULU, B.S., Assistant State Leader of Home Demonstration Agents,
Extension Service, 1919.
- SPENCER, LELAND, B.S., Extension Instructor in Agricultural Economics and Farm
Management, 1920.
- STEVE, NORMAN DAMON, B.S., Assistant Extension Professor of Rural Engineering,
1921.
Instructor, 1913-15; 1919; Extension Instructor, 1919.
- STEVENSON, HOWARD ARTHUR, B.S., Instructor in Extension Service, 1920.
- TAILBY, GEORGE WALTER, jr., B.S.A., Extension Instructor in Animal Husbandry,
1920. Instructor and Superintendent of Livestock, 1907.
- TAYLOR, CHARLES ARTHUR, Assistant County Agent Leader, Extension Service, 1920.
- THURSTON, FLORA MARTHA, B.S., Assistant Extension Professor of Home Economics,
1921. Extension Instructor, 1919.
- WATKINS, GRACE VIDA, B.S., Assistant State Leader of Home Demonstration Agents,
1921.
- WEAVER, LELAND EUGENE, Extension Instructor in Poultry Husbandry, 1920.
Assistant, 1917-18.
- WHEELER, RALPH HICKS, B.S., Professor in Extension Service, 1917.
Assistant, 1909; Instructor, 1910; Assistant Professor of Extension Teaching,
1912.
- WHITNEY, CASS WARD, B.S., Extension Instructor in Rural Social Organization.
1920. Instructor in Extension Teaching, 1913; Instructor in Extension Service,
1917.
- WITTER, DANIEL PARRISH, Adviser in Institute Extension, 1919.
- WORTHEN, EDMUND LOUIS, M.S.A., Extension Professor of Soil Technology, 1919,

WRIGHT, WILLIAM JOSEPH, M.S., Extension Professor of Rural Education, and State Leader of Junior Extension Work, 1918.

YOUNG, PAUL REXFORD, Assistant State Leader of Junior Extension, 1920.

ASSISTANTS

ADAMS, RALPH ROY, Chemistry.

AIKEN, HUGH KERR, jr., B.S., Chemistry.

ALLEN, RAYMOND PECK, A.B., Chemistry.

ANDERSON, CHARLES BRECKENRIDGE, B.Pd., Rural Education.

APGAR, WILLIAM BURNETT, B.S., Forestry.

BABBITT, ROSS MILTON, B.S., Chemistry.

BAKWIN, HARRY, Laboratory Assistant, New York City.

BARRETT, WILLARD RIEHLMAN, B. Chem., Chemistry.

BAYNE, THOMAS L., jr., B.S., Rural Education.

BEATTY, WILLARD CHRISLER, Economics.

BEEKMAN, FENWICK, M.D., Clinical Surgery, New York City.

BEHRE, H. Jeannette Allen, Chemistry, New York City.

BENENSON, AARON, Economics.

BENHAM, JOHN LATHAM, B. Chem., Biochemistry.

BLACK, ELLIS M., Chemistry, New York City.

BOLLING, RICHARD W., M.D., Surgery, New York City.

BRADLEY, ROBERT CLAUD, M.S. in Agr., Poultry Husbandry.

BRAILEY, ALLEN GILBERT, B.S., Chemistry.

BRANCH, HAZEL ELISABETH, Ph.D., Entomology.

BREGGER, JOHN TAYLOR, B.S., Pomology.

BRITT, ROBERT EMERY, Rural Engineering.

BRUNETT, EARL LOUIS, Pathology and Bacteriology (Veterinary College).

BRUNSON, ARTHUR MAXWELL, M.S., Plant Breeding.

BULL, ARTHUR WALKER, B. Chem., Chemistry.

BURNHAM, STEWART HENRY, B.S., Botany.

BURR, EMILY T., A.B., Pathology, New York City.

BUSH, HOWARD STANLEY, Pattern Shop.

BUTLER, ETHAN F., M.D., Clinical Surgery, New York City.

CAIN, CHARLES BERTRAM, Histology and Embryology (Veterinary College).

CARRIER, EGBERT WENDELL, B. Chem., Chemistry.

CASLICK, EDWARD ALBERT, Pathology and Bacteriology (Veterinary College).

CASTLE, HEMPSTEAD, B.S., Botany.

CLARKE, ARTHUR LINCOLN, B.S., Entomology.

CLUM, HAROLD HAYDEN, A.B., Botany.

COLEY, BRADLEY, M.D., Clinical Surgery, New York City.

CONE, WILLARD RAY, B.S., Agronomy.

COOKE, REGINALD B., Ph. D., Philosophy.

COPELAND, ABRAHAM, Plant Breeding.

COREY, ROBERT BRAINARD, B. Chem., Chemistry.

COWLES, RAYMOND BRIDGMAN, A.B., Biology.

CRAIG, WILLIAM THOMAS, Cereal Investigation.

CRISPELL, REGINALD S., Neuro-Anatomy, New York City.

CUBBON, MILES HUGO, B.S., Soil Technology.

CURRAN, HAROLD RAYMOND, B.S., Dairy Industry.

CURTISS, LEON FRANCIS, A.B., Physics.

DAHLBERG, IRENE THELMA, B.S., Home Economics.

DAIN, BRYANT DEPEW, B.S., M.F., Forestry.

DEIBERT, OLIN, A.B., M.D., Immunology, New York City.

DENNIS, FRED H., Bean Investigation.

DENTON, JAMES S., M.D., Pathological Anatomy, New York City.

DIKEMAN, RAYMOND CHARLES, B.S., Vegetable Gardening.

DOMINICK, JOHN HENRY, Physical Education.

EINHORN, MAX, Lecturer, New York City.

EMERSON, E. H., Plant Breeding.
FAIRBANKS, BEATRICE, M.D., Neuro-Pathology, New York City.
FELDMAN, SAMUEL, Psychology.
FELF, FRANCES HELEN, Ph.D., English History.
FENNER, LAWRENCE MYRON, B.S.A., Plant Pathology.
FISHER, WALTON ISAAC, Plant Breeding.
FONDA, JOHN SUTLIFF, Chemistry.
FORCE, ALBERT WILLIAM, B.S., Plant Pathology.
FRANCIS, JAMES, Rural Engineering.
GASKILL, GUSSIE ESTHER, Modern European History.
GILBERT, ARTHUR WARD, B.S., Education.
GOODE, HENRY GEORGE, Biology.
GREEN, DANA B., Machine Shop.
GRIFFITHS, JOSEPH HARRY, M.A., Philosophy.
GROSS, FRANCIS PHILLIP, A.B., Chemistry.
HALL, WALTER JAY, D.V.M., Veterinary Medicine.
HATCH, LLOYD HARVEY, English History.
HAUSMAN, ETHEL HINCKLEY, B.S., Entomology.
HAWLEY, GEORGE W., M.D., Lecturer on Fractures, New York City.
HEAD, WALTER LISTON, Forge Shop.
HEMMER, ANDREW JOSEPH, A.B., Chemistry.
HERBERT, PAUL ANTHONY, B.S., Forestry.
HERGENROTHER, RUDOLPH CLEMENS, Physics.
HERRICK, HARRY RUFUS, Forge.
HODSON, FLOYD, Historic Geology.
HOOPER, LEROY, Pattern Shop.
HOUCK, ROBERT CHARLES, B. Chem., Chemistry.
HOWE, BURDETTE NEWTON, Machine Work.
HOWLETT, FREEMAN SMITH, Pomology.
HULME, HAROLD, A.B., English History.
HUNTSINGER, HERBERT ANTHONY, B.S., Chemistry.
HUPPER, MARJORIE, Chemistry, New York City.
JEWETT, HAROLD ALDEN, Chemistry.
JEWETT, REXFORD WILBER, B. Chem., Chemistry.
JOHNSON, EGDAR BLAUVELT, B. Chem., Chemistry.
KEENAN, DELBERT ERNEST, Romance Languages.
KELLER, JOHN CALVIN, B.S., Chemistry.
KENNEDY, JAMES ARTHUR, A.B., Chemistry.
KINSMAN, DANIEL FRANCIS, Soil Technology.
KIRK, WINIFRED, A.B., Anatomy, New York City.
KIRKPATRICK, ELLIS LORE, M.S., Rural Social Organization.
LACEY, HAROLD TALBOT, B. Chem., Chemistry.
LANG, FREDERICK ROBERT, Chemistry.
LINCOLN, ASA LIGGETT, Clinical Medicine, New York City.
LOESELL, CLARENCE MICHAL, B.S., Rural Education.
LOOMIS, WALTER EARL, B.S., Vegetable Gardening.
LUDLUM, CHARLES DANIEL, Chemistry.
MCBRIDE, CHARLES GROVER, B.S. Agr., Agricultural Economics.
MCCORMICK, GORDON RANDOLPH, Chemistry.
MCDUFFIE, ROY OLIVER, A.B., B. Chem., Chemistry.
MCNULTY, SARAH ALICE, A.B., Physics and Chemistry.
MC TAGGART, ALEXANDER, M.S. in Agr., Vegetable Gardening.
MANNING, WAYNE EYER, A.B., Botany.
MARBLE, DEAN RICHMOND, Poultry Husbandry.
MARKLEY, ALTON LEFEVRE, M.S., Agricultural Chemistry.
MARTENS, JAMES HART CURRY, C.E., Mineralogy.
MARTIN, MABEL FLORENCE, A.B., Physiology.
MARTIN, WILLIAM CLIFFORD, M.A., Medieval History.
MASON, CLYDE WALTER, A.B., Chemistry.
MILLER, C. RAYMOND, A.B., Chemistry.

MOODY, ALDEN HOWARD, B.S., Chemistry.
MOORE, DAVID WILSON, Chemistry.
MORROW, ANNE HORTON, B.S., Home Economics.
MORSE, CHARLES WALTER, B. Chem., Chemistry.
MULLER, PHILIP, M.D., Attending Pathologist, Department of Pediatrics, New York City.
MURRAY, CLAY RAY, Clinical Surgery, New York City.
NAFE, JOHN PAUL, A.B., Psychology.
NAYLOR, GEORGE WINDSOR, Chemistry.
NEAL, JOSEPHINE B., A.B., M.D., Medicine, New York City.
NEEDHAM, PAUL ROBERT, Apiculture.
NEVIN, CHARLES MERRICK, B.S. in Mining Geology, Physical Geography.
NEWHALL, ALLEN GOODRICH, B.S., Plant Pathology.
PADDOCK, ROYCE, Clinical Medicine, New York City.
PADDON, WILLIAM WALLACE, Chemistry.
PALMER, S. DOUGLAS, Anatomy, New York City.
PARSELL, RICHARD KENDRICK, B. Chem., Chemistry.
PATTERSON, CHARLES H., Foundry.
PATTERSON, RUSSELL H., M.D., Clinical Surgery, New York City.
PEABODY, GEORGE ERIC, B.S., Extension Service.
PEABODY, RICHARD HALL, B.S., Dairy Industry.
PHIPPS, ALICE MABEL, Agronomy.
POLLARD, FRANK HOWELL, B. Chem., Chemistry.
POTTER, MARY ISABELLE, M.L.D., Landscape Art.
POWELL, CHARLES KELLY, B.S., Poultry Husbandry.
PRELLWITZ, EDWIN MITCHILL, Landscape Art.
PROEBSTING, EDWARD LOUIS, M.S. in Agr., Botany.
RAPPORT, DAVID, M.D., Physiology, New York City.
REITZ, WILLIAM WALTER, M.S., Rural Education.
REMICK, ARTHUR EDWARD, Chemistry.
St. JOHN, RUTH ANITA, Geology.
SANDERSON, GEORGE, Foundry.
SANDFORD, CRAIG, Poultry Husbandry.
SCHAALLOWITZ, RUDOLPH, Machine Work.
SCHNATZ, FREDERICK THEODORE, Histology and Embryology.
SCHUTT, CECIL, Animal Husbandry.
SCOTT, BURTON ALCOTT, Engineering Geology.
SEVERINGHAUS, LESLIE RICHARD, Physics.
SEWELL, DOROTHY, A.B., Histology.
SHANNON, RAYMOND CORBETT, Entomology.
SHAW, ERNEST RAY, Economics.
SHELDON, PEARL GERTRUDE, Geology.
SILCOX, CHARLES N., B.S., Agronomy.
SIMONDS, WALTER WESLEY, B.S., Forestry.
SIMPSON, SUTHERLAND ERIC, A.B., Anatomy.
SLINGERLAND, KATHRYN, A.B., Entomology.
SMART, HAROLD ROBERT, B.S., M.A., Philosophy.
SMIT, BERNARD, B.S., Entomology.
SMITH, HARDICK ALLEN, Physics.
SMITH, WILLIAM H., Surgical Pathology, New York City.
SNODGRASS, ELIZABETH KING, Economics.
STECZYNSKI, MYRON EDWARD, Physics.
STILWELL, CHARLES WILLIAM, Chemistry.
STUCKEY, JASPER LEONIDAS, A.M., Geology.
SUTTLE, ANDREW DILLARD, M.S., Agronomy.
SWEZEY, FENTON HENDY, B. Chem., Chemistry.
THOMAS, RAYMOND EINNON, Chemistry.
THOMSON, ALEXANDER BAYARD, B.S., Ancient History.
TRESSLER, KATHARINE MARJORIE, A.B., Chemistry.
VAN ALSTYNE, WALTER, Anatomy.

VANDERHOEF, JAMES ELIJAH, Foundry.
 VAN WINKLE, KATHERINE E. HILTON, B.S., Paleontology.
 VIAL, EDMUND ELLSWORTH, B.S., Animal Husbandry.
 VOSE, RICHARD SHEPARD, B.S., Chemistry.
 WARBURTON, FRED WILLIAM, Physics.
 WEEKS, LESTER FRANK, B.S., A.M., Chemistry.
 WESTCOTT, CYNTHIA, A.B., Plant Pathology.
 WILCOX, STEWART ARTHUR, Machine Construction.
 WILKERSON, WILLIAM VELPOE, A.B., Histology and Embryology.
 WILLIAMS, FRANK SHAVER, Chemistry.
 WILLIAMS, RUTH, M.A., Botany.
 WILLIAMS, WILLIAM NORMAN, Chemistry.
 WILLIAMSON, JANET AGNES, A.B., Embryology.
 WILLISFORD, LAVERNE HAROLD, B.S., Chemistry.
 WILLISON, DOROTHY, A.B., Agricultural Chemistry.
 WILLSON, DAVID HARRIS, B.S., English History.
 WILSON, AMY ANITA, A.B., Ancient History.
 WOOD, HILTON GERARD, B. Chem., Chemistry.
 WRIGHT, FORREST BLYTHE, Rural Engineering.
 YAWGER, ERNEST STANLEY, Machine Construction.
 YOUNG, CATHERINE ELIZABETH, A.B., English History.

ASSISTANTS IN MILITARY SCIENCE AND TACTICS

JAMES H. BURKE, Cadet Colonel.
 FRANKLIN H. SPEER, Cadet Lieutenant Colonel.
 SAMUEL B. BEACH, Cadet Major.
 WILLIAM B. MIFFIN, Cadet Major.
 EDWARD H. CORNISH, Cadet Major.
 PAUL G. CULLEY, Cadet Major.
 HAROLD EDWIN SALISBURY, Cadet Major.
 ROLLIN H. MCCARTHY, Cadet Captain.
 REX A. DADDYSMAN, Cadet Captain.
 GEORGE W. GILLIES, Cadet Captain.
 LOUIS R. HODELL, Cadet Captain.
 WRIGHT JOHNSON, Cadet Captain.
 ELMORE T. R. RUNSDORF, Cadet Captain.
 EDMUND N. MOOT, Cadet Captain.
 HARRY W. ROBB, Cadet Captain.
 ERNEST V. STRACK, Cadet Captain.
 RALPH V. WENGER, Cadet Captain.
 CHARLES A. FISHER, Cadet Captain.
 IRVING R. PHIPPS, Cadet Captain.
 DONALD A. HOWE, Cadet Captain.
 LEO J. DICIANNI, Cadet Captain.
 ALAN Y. ROBERTS, Cadet Captain.
 JAMES A. PIRNIE, jr., Cadet Captain.
 JAMES A. SMYTH, Cadet Captain.
 LAWRENCE M. ORTON, Cadet Captain.
 EDWARD J. POLITOSKE, Cadet Captain.
 PETER A. SCHULTZ, Cadet Captain.
 PERCY L. RANDOLPH, Cadet Captain.
 J. L. SCOTT, Cadet Captain.

STANDING COMMITTEES OF THE UNIVERSITY FACULTY

The year in parentheses indicates the date of retirement.

Committee on Admission by Certificate. The Dean of the University Faculty, chairman; Professors P. R. Pope (1922); R. C. Gibbs (1922); W. B. Carver (1923); J. R. Schramm (1923); R. H. Keniston (1924); L. N. Broughton (1924); D. English (1925); H. C. Elmer (1925); the Registrar.

Committee on Student Affairs. The Dean of the University Faculty, chairman; Professors M. W. Sampson (1922); H. H. Wing (1922); W. N. Barnard (1923); J. P. Bretz (1923); J. C. Nicholls (1924); W. A. Hurwitz (1924); F. H. Bosworth, jr. (1925); C. K. Burdick (1925); the Registrar.

Committee on Undergraduate Scholarships. The Dean of the University Faculty, chairman; Professors R. C. Gibbs (1922); A. L. Andrews (1922); V. Snyder (1923); D. English (1923); C. Becker (1924); G. B. Upton (1924); F. C. Prescott (1925); G. W. Cavanaugh (1925).

Committee on University Policy. The President; the Dean of the University Faculty; the Dean of the Graduate School; the Deans of the several college faculties; the Secretary of the Medical College at Ithaca; Mr. Woodford Patterson; Mr. D. F. Hoy.

Committee on Relations to Secondary Schools. Dean of the University Faculty; Professors G. A. Works; R. M. Ogden; J. H. Tanner; P. R. Pope; L. N. Broughton; R. C. Gibbs; the Registrar.

Committee on Excuses from Physical Training and Military Science. The Dean of the University Faculty, chairman; the Commandant; the Professor of Physical Culture; Professors C. Betten and H. Diederichs; Mr. Woodford Patterson, Secretary of the Committee.

Entrance Examination Board. Professor B. S. Monroe (1924), chairman; the Dean of the University Faculty; Professors C. H. Hull (1922); J. F. Mason (1922); J. H. Tanner (1923); P. R. Pope (1923); Mr. D. F. Hoy (1924); Professor J. P. Bretz (1925); Mr. Woodford Patterson (1925).

Committee on Official Publications. The President; the Dean of the University Faculty; the Dean of the Graduate School; the Deans of the several college faculties; the Secretary of the Medical College at Ithaca; the Registrar; the Secretary of the University.

Committee on Hygiene and Sanitation. Professors Kerr, Moore, H. N. Ogden, C. V. P. Young.

Committee on Music. The Dean of the University Faculty, Professor D. S. Kimball, Professor L. Pumpelly.

Committee on Prizes. The Dean of the University Faculty, Professors C. H. Hull, E. H. Woodruff.

Committee on Hygiene and Preventive Medicine. Professor A. T. Kerr, chairman; the Dean of the University Faculty; Professor H. N. Ogden.

OTHER OFFICERS

- LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University, 1921.
- WILLIAM ALEXANDER HAMMOND, Ph.D., Sage Professor of Ancient Philosophy and of Aesthetics, 1908; Dean of the University Faculty, 1920.
Instructor in Greek Philosophy, 1891; Assistant Professor of Ancient and Medieval Philosophy, 1892; Assistant Professor of Ancient and Medieval Philosophy and Aesthetics, 1903; Secretary of the University Faculty, 1903.
- CHARLES DIBBLE BOSTWICK, A.B., LL.B., Comptroller of the University, 1919; and Secretary of the Board of Trustees, 1914.
General and Legal Assistant to the Treasurer, 1898; Assistant Treasurer, 1903; Treasurer, 1914.
- CHARLES ELBERT CURTIS, B.C.E., Superintendent of Buildings and Grounds, 1915.
- DAVID FLETCHER HOV, B.S., M.S., Registrar, 1895. Assistant to the Registrar, 1891.
- WOODFORD PATTERSON, A.B., Secretary of the University and University Publisher, 1917.
- GEORGE FREDERICK ROGALSKY, A.B., Treasurer of the University, 1920.
Assistant in Modern European History, 1907-1910.
- GEORGIA LAURA WHITE, Ph.D., Dean of Women, 1920. Adviser of Women, 1918.
- GRACE SEELY, A.B., Warden of Sage College, 1919.
- GERTRUDE HOUSTON NYE, Warden of Prudence Risley, 1913.
- THOMAS TREE, Manager of Residential Halls, 1912. Assistant to the Treasurer, 1894.
- HARRIET SUTHERLAND, Superintendent of the Cornell Infirmary, 1907.
- ABRAM TUCKER KERR, B.S., M.D., Acting Professor and Director of the Department of Hygiene and Preventive Medicine, 1920.
- DEAN FRANKLIN SMILEY, A.B., M.D., Assistant Professor of Hygiene and Medical Adviser, 1921. Instructor and Assistant Medical Adviser, 1920.
- MAURICE T. ROOT, M.D., Assistant Professor of Hygiene and Assistant Medical Adviser, 1921.
- CLAUDE E. CASE, M.D., Instructor in Hygiene and Assistant Medical Adviser, 1921.
- E. C. SHOWACRE, M.D., Assistant Medical Adviser, 1920.
- C. H. GRAVES, M.D., Assistant Medical Adviser, 1920.
- RICHARD KIMPTON, M.D., Assistant Medical Adviser, 1921.
- HARRY A. BRITTON, M.D., Assistant Medical Adviser, 1921.
- ADRIAN J. GOULD, M.D., Assistant Medical Adviser, 1921.
- MAUDE L. ETHEREDGE, M.D., Assistant Medical Adviser, 1920.
- PAUL WITHERSPOON ECKLEY, A.B., Assistant in Hygiene, 1920.
- BIRDINA CROSBY, M.D., Assistant Medical Adviser, 1921.
- ALICE M. HUNTER, M.D., Assistant Medical Adviser, 1921.
- LIEUT. THEODORE HERMAN TWESTEN, Proctor of the University, 1910.
- CHARLES EZRA CORNELL, A.B., LL.B., Inspector, 1915.

NON-RESIDENT LECTURERS

1921-22

- DR. ARNOLD VAN GENNEP: *Le folklore des provinces françaises.*
- VACHEL LINDSAY: *A reading.*
- CHARLES H. GRANDGENT: *An address in Observance of the 600th Anniversary of Dante's Death.*
- J. CAVALIER: *Les Universités et la Renaissance de la vie provinciale en France. Les Universités du Midi.*
- ERNEST COHEN: *The Role of Women in Science.*
- DR. E. M. EAST: *Problems of Population in Relation to Agriculture.*
- DR. E. DANA DURAND: *Poland After the War.*
- JOHN A. LOMAX: *The Songs of the Cowboys.*
- F. W. HIRST: *The British Budget; Revenue and Taxation.*
- Mr. Lloyd-George's Character and Career.
The Debased Currencies, the Deficits, and the Armaments of Europe.
- Lord Morley and the Manchester School.
- THOMAS WHITNEY SURETTE: *The Place of Music in a Liberal Education.*
- LEWIS F. PILCHER: *The Two Greatest World's Records.*

- JAMES PARKER HALL: Why Study?
 W. S. MURRAY: The Superpower System.
 HENRY M. PAYNE: Recent Observations in Mexico.
 R. M. GIDNEY: The Operations of the Federal Reserve Bank, from the Stand-point of an Officer of the Bank.
 CHESTER C. PLATT: Liberal Movements in Wisconsin Politics.
 DR. FRANK H. HANKINS: The Reparations Problem.
 F. W. ASTON: Atoms and the Electrical Conception of Matter.
 Isotopes and the Structure of the Atom.
 H. A. LORENTZ: The Constitution of Matter.
 The Theory of the Zeemann Effect.
 RABBI LEO FRANKLIN: Christian Science and Chasidism.
 DR. A. M. NICOLSON: The Piezo-Electric Effect in Certain Crystals.
 DR. EDWIN E. SPARKS: Opportunities in a College Training.
 DR. EDGAR T. WHERRY: The Relation of Plants to Geological Formations.
 DR. HERMANN KELLNER: The Principles of Microscopic Vision.
 ALFRED E. ZIMMERN: Principles of Government.
 Greek Political Theory in Relation to Modern Problems.
 The Political Framework of Economic Policy: The Fallacy of the Zollverein.
 The Post-War Outlook: Sea Power and Commercial Policy.
 NORMAN THOMAS: An Analysis of Imperialism.
 DR. R. W. KING: Some Impressions of Telephone Engineering.
 CARL SNYDER: Recent Advances in Quantitative Economics.
 The Fabulous Land (America, A. D. 1922).
 The Powers and Limitations of the Federal Reserve Banks.
 DR. A. DUSHKIN: Educational Undertakings in Palestine.
 SIR AUCLAND GEDDES: An address.
 W. E. DuBOIS: Race Superiority.
 GUSTAV FRENSEN: A reading.

SUMMER SESSION, 1921

- OWEN D. EVANS: Organizing Part-Time Schools to Meet Community Needs.
 J. C. WRIGHT: Industrial Survey as a Means of Determining the Content of Instruction in Part-Time Schools.
 GEORGE HERBERT CLARKE: The Poetry of the Great War.
 GUSTAV STRAUBENMULLER: Foreign Part-Time Schools.
 R. L. COOLEY: An address.
 ROBERT C. BROOKS: How Switzerland Solved Some Political Problems that Perplex Us.
 HOWARD G. BURDGE: Occupations of Unemployed Boys in New York State.
 ISABEL C. BACON: Retail Selling Courses.
 DR. DAVID SNEDDEN: Agricultural Education.
 R. W. STIMSON: The Home Project in Vocational Agriculture.
 LOUIS A. ROUX: L'importance de l'étude du français.
 W. R. GEORGE: The Junior Republic and Civic Responsibilities for Youth.
 W. H. KILPATRICK: The Project Method of Teaching.
 W. F. STEWART: The Ohio State Program in Vocational Education in Agriculture.
 A Plan for Supervised Practice Teaching.
 FRANK ERNEST WILLIAMS: Alaska.
 L. A. WILSON, New York State's Program of Vocational Education.

UNIVERSITY PREACHERS ON THE DEAN SAGE PREACHERSHIP ENDOWMENT, 1921-22

- THE REV. SAMUEL S. MARQUIS, D.D., Head of the Sociological Department of the Ford Motor Company, Detroit, Mich.
 THE REV. MALCOLM JAMES MCLEOD, D.D., the Collegiate Church of St. Nicholas, New York City.

- THE REV. WALLACE E. BROWN, D.D., the University Methodist Episcopal Church, Syracuse, N. Y.
- THE REV. C. WALLACE PETTY, D.D., Mount Morris Baptist Church, New York City.
- THE REV. LYNN HAROLD HOUGH, D.D., Central Methodist Episcopal Church, Detroit, Mich.
- THE REV. F. BOYD EDWARDS, D.D., Hillside Park Church, Orange, N. J.
- THE REV. SAMUEL A. ELIOT, D.D., LL.D., President of the American Unitarian Association, Boston, Mass.
- THE RT. REV. CHARLES FISKE, D.D., LL.D., Bishop Coadjutor, Diocese of Central New York, Syracuse, N. Y.
- THE REV. CHARLES R. BROWN, D.D., LL.D., Dean of the School of Religion of Yale University.
- THE REV. JOHN BAILLIE, Auburn Theological Seminary.
- THE REV. JOHN A. MACINTOSH, D.D., McCormick Theological Seminary, Chicago, Ill.
- THE REV. W. W. FENN, D.D., Dean of the Divinity School, Harvard University.
- THE REV. RAYMOND L. FORMAN, D.D., St. Paul's Methodist Episcopal Church, New York City.
- THE REV. CORNELIUS WOELFKIN, D.D., LL.D., Fifth Avenue Baptist Church, New York City.
- THE RT. REV. CHARLES D. WILLIAMS, D.D., Bishop, St. Paul's Cathedral, Detroit, Mich.
- THE REV. KERR D. MACMILLAN, S.T.D., President of Wells College, Aurora, N. Y.
- THE REV. HUGH BLACK, D.D., Union Theological Seminary, New York City.
- THE RT. REV. ETHELBERG TALBOT, D.D., LL.D., Bishop of Bethlehem, South Bethlehem, Pa.
- THE REV. ARTHUR S. HOYT, D.D., Auburn Theological Seminary.
- THE REV. J. ROSS STEVENSON, D.D., LL.D., President of Princeton Theological Seminary.
- THE REV. LEWIS T. REED, D.D., Flatbush Congregational Church, Brooklyn, N. Y.
- THE REV. HARRIS FRANKLIN RALL, D.D., Garret Biblical Institute, Evanston, Ill.
- THE REV. CLARENCE A. BARBOUR, D.D., President of the Rochester Theological Seminary.
- THE REV. BERNARD IDDINGS BELL, President of Saint Stephen's College, Annandale-on-Hudson, N. Y.
- THE REV. CHARLES W. GILKEY, Hyde Park Baptist Church, Chicago, Ill.
- THE REV. WILLIAM PIERSON MERRILL, D.D., Brick Presbyterian Church, New York City.
- THE REV. MAXWELL SAVAGE, the First Unitarian Church, Worcester, Mass.
- THE REV. ERNEST M. STIRES, D.D., LL.D., Saint Thomas's Church, New York City.
- THE REV. WILLIAM FRASER McDOWELL, D.D., LL.D., Bishop of the Methodist Episcopal Church, Washington, D. C.
- THE REV. F. C. SOUTHWORTH, D.D., LL.D., President of Meadville Theological School, Meadville, Pa.
- THE REV. FRANCIS J. MCCONNELL, D.D., LL.D., Bishop of the Methodist Episcopal Church, Pittsburgh, Pa.

Summer Session 1921

- THE REV. SAMUEL TYLER, D.D., St. Luke's Episcopal Church, Rochester, N. Y.
- THE REV. JOHN BAILLIE, Auburn Theological Seminary.
- THE REV. ROGER S. FORBES, Unitarian Church, Germantown, Pa.
- THE REV. WILLIAM PIERSON MERRILL, D.D., Brick Presbyterian Church, New York City.
- THE REV. MURRAY BARTLETT, D.D., President of Hobart College, Geneva, N. Y.

ADMISSION TO THE UNDERGRADUATE COLLEGES

For admission to the Graduate School see p. 57; for admission to the Medical College see p. 124.

Applications for admission to any one of the undergraduate colleges of the University, except the Medical College, are entertained from the following three classes of persons: (a) Those who desire to begin as freshmen, in some college of the University, a regular course of study leading to a degree conferred by that college; (b) those who, having already attended some institution of collegiate rank, desire to enter some college of the University; (c) those who desire to register as special students not candidates for a degree. (The College of Engineering does not admit special students.) The conditions of admission for these three classes of persons are separately described on pp. 46, 53, and 52.

All prospective undergraduate students intending to register in the University at Ithaca for the first term of the academic year shall be required to apply for registration not later than August 1 of that year, and the application must be accompanied by a deposit of twenty-five dollars.

The normal time for admission of students to the undergraduate colleges is at the beginning of the first term of the University year in September. For the admission of students at the beginning of the second term in February, see p. 49.

Every application for admission to any of the undergraduate curricula of the University, must file at the Registrar's office either a certificate of good moral character, or, in case he has previously attended some other college or university without graduating from it, a certificate of honorable dismissal from that institution.

ADMISSION OF FRESHMEN

Men who desire to begin as freshmen a curriculum leading to a degree in one of the colleges of the University, must be at least sixteen years of age. Women must be at least seventeen years of age. In the College of Law the minimum age for both men and women is eighteen years. All applicants for admission to the course leading to the degree of Bachelor of Fine Arts must be at least seventeen years of age.

All the colleges of Cornell University conferring baccalaureate degrees presuppose, on the part of an applicant for admission, an amount of training equivalent to that gained by four years of successful work in a high school of good standing. The College of Law requires in addition, the satisfactory completion of two years of study in a university or college of approved standing.

Scholastic Requirements

A student who applies for admission as a freshman to any college of Cornell University is required to offer fifteen units of entrance credit in subjects included in the following list of entrance subjects. A "unit of entrance credit" is granted to a student who gives evidence that he has such knowledge of an entrance subject as should normally be acquired in five periods a week during one school year, or in 120 sixty-minute periods.

A. Requirements common to all the colleges (except the College of Law).
Nine units. Of the fifteen units of entrance credit, nine units in the following subjects are required by each of the colleges: English, 3 units; history, 1 unit; mathematics, 2 units; one foreign language, 3 units. Applicants for admission to the Colleges of Engineering, Architecture, and Agriculture may offer two units in each of two foreign languages instead of three units in one foreign language.

B. Additional and, in some cases, specific requirements of the several colleges.
Six units. In these six remaining units some of the colleges require that additional credits in some of the subjects in group A or credits in certain other subjects shall be included, while in other colleges, all of these remaining six units are elective, i. e., they may, with certain restrictions mentioned on p. 47, be elected by the candidate at will from the list of entrance subjects here printed.

Entrance Subjects

The subjects and the maximum and minimum amounts of credit in units that may be offered in each for admission to the University are:

1a. English 1	1½ unit	8b. Modern History ½ unit or 1 unit
1b. English 2	1½ unit	8c. Am. His. Civics ½ unit or 1 unit
1c. English (elective)	1 unit	8d. English History ½ unit or 1 unit
2a. First Year Greek	1 unit	9a. Elementary Algebra 1 unit
2b. Second Year Greek	1 unit	9b. Intermediate Algebra . . . ½ unit
2c. Third Year Greek	1 unit	9c. Advanced Algebra ½ unit
3a. First Year Latin	1 unit	9d. Plane Geometry 1 unit
3b. Second Year Latin	1 unit	9e. Solid Geometry ½ unit
3c. Third Year Latin	1 unit	9f. Plane Trigonometry ½ unit
3d. Fourth Year Latin	1 unit	9g. Spherical Trigonometry ½ unit
4a. First Year German	1 unit	10. Physics 1 unit
4b. Second Year German	1 unit	11. Chemistry 1 unit
4c. Third Year German	1 unit	12. Phys. Geography ½ unit or 1 unit
4d. Fourth Year German	1 unit	13. Biology** 1 unit
5a. First Year French	1 unit	14. Botany** ½ unit or 1 unit
5b. Second Year French	1 unit	14a. Zoology** ½ unit or 1 unit
5c. Third Year French	1 unit	15. Bookkeeping*** ½ unit or 1 unit
5d. Fourth Year French	1 unit	16. Agriculture (including Home Economics, etc.)†
6a. First Year Spanish	1 unit ½ unit to 4 units
6b. Second Year Spanish	1 unit	17. Drawing* ½ unit or 1 unit
6c. Third Year Spanish	1 unit	18. Manual Training* ½ or 1 unit
6d. Fourth Year Spanish	1 unit	{ Any high school subject
7a. First Year Italian	1 unit	{ or subjects not already
7b. Second Year Italian	1 unit	19.†† { used ½ unit or 1 unit
7c. Third Year Italian	1 unit	
8a. Ancient History ½ unit or 1 unit		

In connection with the foreign language requirements, the following restrictions should be noted:

1. In those colleges where the requirement is three units, all of these units must be in a single language. (But see p. 48.) Any number of elective units in a second language will be accepted. If the applicant offers at least two units in the second language, any number of units in a third language will be accepted.

2. In the College of Arts and Sciences, where the requirement is five units, at least three of these units must be in one language and at least two units in a second language. Any number of elective units in a third language will be accepted.

* In drawing and in manual training, 300 actual hours are required for one unit of credit, and 150 hours for a half unit.

**If Biology (1 unit) is offered, neither Botany (½ unit) nor Zoology (½ unit) may be counted.

***No part of No. 15 may be counted for entrance to Arts and Sciences except under No. 19; a maximum of one unit in Bookkeeping is allowed by all the other colleges with the exception of the College of Agriculture which permits a maximum of one unit to be counted with the restriction that it cannot be offered in conjunction with more than one of the following subjects: Agriculture, Drawing, Manual Training.

†Agriculture may not be counted for entrance to Arts and Sciences. An applicant may offer for admission to Agriculture not to exceed four units in vocational subjects under numbers 16, 18, and 19 combined.

††A student may not count under No. 19 work in subjects Nos. 1-18 until he has offered the maximum (e.g. four units of Latin, English, German, French, or Spanish; three units of Greek or Italian; one unit of Physics or Chemistry) in Nos. 1-18.

Beginning in September 1923 an applicant may offer for admission to the College of Arts and Sciences as a candidate for the degree A.B. not to exceed two units in vocational subjects under Numbers 15, 16, 17, 18, and 19 combined; and for admission to the College of Architecture not more than a total of one unit may be offered in Nos. 15, 16, 17, and 18 combined.

ENTRANCE REQUIREMENTS OF THE UNDERGRADUATE COLLEGES

ARTS AND SCIENCES		LAW	AGRICULTURE	VETERINARY	ARCHITECTURE	ENGINEERING
A. B. 4 years	B. Chem. 4 years	3 years	4 years	4 years		4 years
English, 3	English, 3		English, 3	English, 3	English, 3	English, 3
Foreign Languages, 5	French, 3 or German, 3	A diploma or certificate of graduation from a university or college or a certificate that the applicant has met the entrance requirements and satisfactorily completed at least two years of study in a university or college of approved standing is required for admission to the three-year course in Law.	One Foreign Language, 3 or two languages, 4	One Foreign Language, 3	One Foreign Language, 3 or two languages, 4	One Foreign Language, 3 or two languages, 4
History, 1	History, 1		History, 1	History, 1	History, 1	History, 1
Plane Geometry, 1	Plane Geometry, 1		Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1
Elementary Algebra, 1	Elementary Algebra, 1		Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1
	Intermediate Algebra, $\frac{1}{2}$		Solid Geom. and Plane Trigonometry are not required, but are intended for students intending to take Port. Geom. or Landsc. Art.			Intermediate Algebra, $\frac{1}{2}$
	Solid Geometry, $\frac{1}{2}$			See Note	Solid Geometry, $\frac{1}{2}$	Solid Geometry, $\frac{1}{2}$
	Advanced Algebra, $\frac{1}{2}$					Advanced Algebra, $\frac{1}{2}$
	Plane Trigonometry, $\frac{1}{2}$					Plane Trigonometry, $\frac{1}{2}$
Elective, 4	Elective, 4		Elective, 6-5	Elective, 6	Electives See next column	Elective, 4-3
TOTAL, 15	TOTAL, 15		TOTAL, 15	TOTAL, 15	TOTAL, 15	TOTAL, 15

Candidates for the degree of Bachelor of Chemistry are advised to include among their entrance subjects, in addition to the four units in mathematics, also three units of German and two units of French. Those who have not presented these subjects at admission will be required to take them in the University, which may result in the extension of their period of residence beyond eight terms. For the present, applicants will be admitted to the College of Arts and Sciences as candidates for the degree of Bachelor of Chemistry, upon satisfaction of the entrance requirements for the curriculum leading to the degree of Bachelor of Arts.

For admission to the New York State Veterinary College an applicant must offer a Veterinary Student Certificate issued by the Education Department of the State of New York, Albany, N. Y. This certificate satisfies the entrance requirement in full.

It is strongly recommended that for entrance to Architecture or Engineering, at least three of the four elective units be offered in language and history. French or German is preferred for the three foreign language units required by the College of Engineering, the College of Agriculture, and the Veterinary College.

If an applicant so desires he may satisfy the foreign language requirement for entrance to Engineering, Architecture, or Agriculture by two units in each of two foreign languages instead of three units in one foreign language.

The College of Agriculture admits without foreign language those who hold the New York State Academic Diploma in Agricultural Subjects.

At least one of the following subjects must be offered among the electives: Intermediate and Advanced Algebra, Plane Trigonometry, Physics, Chemistry.

Admission at the Beginning of the Second Term.

Applicants who have fully satisfied the entrance requirements of the College of Arts and Sciences may be admitted as freshmen in that college at the beginning of the second term in February, as well as at the beginning of the first term in September. They will be able to make up a satisfactory schedule of work at the beginning of the second term, since freshmen classes in the languages, history, mathematics, physics, chemistry, and zoology are begun at that time.

Applicants who have fully satisfied the entrance requirements of the College of Agriculture may be admitted as freshmen in that college at the beginning of the second term in February; they will, however, find it difficult to arrange satisfactory schedules and therefore should, if possible, enter in September.

Students who meet in full the requirements for admission as freshmen in the colleges of Engineering and Architecture, may enter said colleges at mid-year to pursue courses which will be specially outlined to suit each individual case. In order to secure admission at mid-year with advanced standing in the colleges of Engineering and Architecture, with a view to being graduated in less than four years, the applicant must have attended an institution of collegiate rank and must secure credit for such university courses as will enable him, by attending during the remainder of the college year and (possibly) during the succeeding Summer Session, to substantially complete the year's work scheduled for the class he wishes to enter. (See p. 48.)

Students may not enter the College of Law at the beginning of the second term.

Students who desire admission at the beginning of the second term must place their applications and credentials in the hands of the Registrar not later than January 15. (For January entrance examinations, see p. 50.)

METHODS OF SATISFYING THE ENTRANCE REQUIREMENTS

Every applicant for admission must, in one or more of the four following ways, show that he possesses a satisfactory knowledge of the subjects that are required for admission to the particular college in which he plans to pursue his studies:

1. By passing the required Cornell University Entrance Examinations. (See p. 49.)
2. By passing the College Entrance Examination Board Examinations in the required subjects. (See p. 50.)
3. By passing the necessary Regents' Examinations (for students who have prepared in New York State. (See p. 50.)
4. By presenting an acceptable school certificate. (See p. 51.)

1. CORNELL UNIVERSITY ENTRANCE EXAMINATIONS

The Cornell University Entrance Examinations assume in general that for each unit of entrance the student shall have such knowledge of the subject concerned as should normally be acquired in five periods a week during one school year, or in 120 sixty-minute periods.

Examinations for admission to the University are held in Ithaca, and all examinations except in Drawing and Manual Training and in certain subjects in Agriculture and Home Economics, are held in New York City, First Avenue and 28th Street, in September, at the beginning of the first term of the University year. A fee of \$1 for each subject, with a maximum charge of \$5 for all subjects; must be paid by all candidates who take these examinations in New York City; the fee must be paid a second time in the case of candidates who repeat the examinations. Permits to take the examinations must be secured from the Registrar in Ithaca. The University does not hold entrance examinations in the subjects included under No. 19 of the list of entrance subjects, p. 47.

No examinations of candidates for admission will be held by the University at any other times or places, except at the end of the first term in Ithaca. Permits to take the mid-year entrance examinations in Ithaca may be issued up to January 15 in each year upon the payment of \$1 for each subject to be taken, with a maximum of \$5 for five or more subjects. In the case of applicants later than January 15, the Registrar may issue permits whenever possible. In this case the fee charged shall be double that charged prior to January 15.

A candidate may take all the entrance examinations in the same year, or he may divide them among two or three successive years.

For details concerning the subject matter of the University entrance examinations, the *General Circular of Information* should be consulted.

2. COLLEGE ENTRANCE EXAMINATION BOARD EXAMINATIONS

The examinations held by the College Entrance Examination Board in June of each year are accepted as the full equivalents of the Cornell University Entrance Examinations in the corresponding subjects, if the marks are sixty or over. The comprehensive examinations are accepted by Cornell University only for German, French, Spanish, English, and Latin.

The next examinations of the College Entrance Examination Board will be held in Ithaca, and in various other places, June 18-23, 1923.

The examination fee at points in the United States and Canada is \$9; at points outside of the United States and Canada, \$20.

Those who wish to procure forms of application for examination, should address The College Entrance Examination Board, 431 West 117 Street, New York City.

3. ENTRANCE BY REGENTS' EXAMINATIONS

The Regents' Examinations of the Education Department of the State of New York are accepted as the full equivalents of the Cornell University Entrance Examinations in the corresponding subjects.

The officially signed certificates or pass cards (even for single subjects) issued by the Department of Education of the State of New York for passing Regents' examinations are accepted by Cornell University in place of all the subjects required for entrance which are covered by such credentials. The examinations set for professional certificates are not accepted.

The four following paragraphs relate to the old forms of college entrance diplomas issued before July 1, 1922, to pupils who passed prior to January 1, 1921, any of the Regents' examinations required for the college entrance diploma under the old rule, if they so elect. The University has not agreed to accept the new form diplomas.

The Arts College Entrance Diploma, the Science College Entrance Diploma, or the Vocational Diploma in Agriculture or Home Making satisfies in full the entrance requirements for the four-year course in Agriculture. If an applicant holding one of these diplomas does not present three units of foreign language, he must elect an equivalent amount of work in the University in one or more of the following subjects: Foreign language, English, Mathematics, Philosophy, Psychology, History, Economics, Political and Social Science.

The Arts College Entrance Diploma or the Science College Entrance Diploma satisfies in full the entrance requirements for the four-year course in Arts and for the four and a half and five-year courses in Architecture and Engineering.

The Arts College Entrance Diploma or the Science College Entrance Diploma satisfies in full the entrance requirements for the four-year courses in Engineering provided the four entrance units required in mathematics are covered by the diploma or otherwise satisfied.

The Arts College Entrance Diploma or the Science College Entrance Diploma satisfies in full the entrance requirements for the four-year course in Architecture

provided the four entrance units required in Mathematics, one in Physics, and at least two in either French or German are covered by the diploma or otherwise satisfied.

The Department of Education, Albany, N. Y., will upon request issue to any student a statement showing all subjects passed to date. Apply to the Department of Education for a blank for this purpose.

4. ENTRANCE BY SCHOOL CERTIFICATE

Certificates of work done in a public or private school, in or out of the State, may be accepted in lieu of passing entrance examinations, if the University authorities are satisfied with the standing of the school, and if the applicant has completed a full regular course in the school and has been duly graduated after at least one year in the school.

The University does not engage in advance to accept the certificate of any school and the previous acceptance of certificates does not establish a permanent right to expect further acceptance, but merely raises the presumption that similar certificates will be accepted.

Three separate steps must be taken before a student of any school will, on its certificate, be admitted to a college of Cornell University:

(a) The principal of the school must by formal application secure the certificate privilege for his school; (b) the principal of the school must submit a school certificate duly filled out for the individual candidate for admission; (c) the candidate himself must make a personal application for admission to the particular college of Cornell University in which he intends to study. Official blanks for each of these purposes may be obtained from the Registrar of Cornell University and when duly filled out should be returned to him.

The school certificate should be forwarded by the principal as soon as possible after the graduation of the candidate. The application for the certificate privilege should, unless previously granted, accompany the school certificate. The candidate's personal application for admission to a particular college should be sent as early as possible after the candidate has decided in which college of Cornell University he desires to study. The application will be considered merely as a declaration of intention, and will impose no obligation upon the prospective student.

The school certificate should include all the subjects that the candidate has satisfactorily completed in the school, whether or not they are required by the particular college in which the candidate proposes to study. Neglect to comply with this regulation may entail serious inconvenience and disappointment to the student. The school certificate may include subjects in which an examination has been passed for admission to the school. No additional or supplementary certificate will be considered after the first college term.

A unit means five prepared recitations a week for one year of study, or 120 sixty-minute hours. Two hours of laboratory work are considered equivalent to one hour of prepared recitation (but see Drawing on p. 47).

If the candidate has not had five periods a week for one year in any subject but has had not less than 120 actual hours (7200 minutes) of recitation in the subject, and the school desires to recommend him for one unit of credit, the school certificate must show the exact number of actual hours of recitation.

Notebooks in general need not be submitted and should not be sent unless they are in individual cases specifically requested by the Registrar.

Subjects in which work has been done privately outside of the regular school curriculum, even if under the direction of teachers in the school, should not be included in the certificate. Work done at any other time than from September to June should not be included in the certificate. Certificates of postgraduate work must show that the student has been graduated from the school and that a normal schedule has been carried for at least a half-year.

The candidate must take his entrance examinations at Cornell University (in Ithaca or in New York City) in September, if by that time he has not been

notified that his school certificate has been accepted. Entrance examinations will be given in September and January only, as stated on p. 49.

If in any entrance subject a student has failed to pass the Cornell or any other University Entrance Examination, or the College Board Entrance Examination, or the Regents' Examination, he will not thereafter be allowed to offer a school certificate in that subject unless, subsequent to his failure, he shall have pursued the subject regularly in class for the full time required and shall have done the full amount of work required for entrance in the subject.

Admission on school certificates is in all cases provisional. If, after admission to the University, a student fails in any subject dependent upon an entrance subject for which a school certificate has been accepted, credit for that entrance subject may be cancelled.

All communications and requests in connection with admission by school certificate should be addressed to the Registrar of the University. The University will welcome any special or personal information that school principals may care to furnish in connection with individual applicants for admission.

COLLEGE CREDIT AT ENTRANCE

For Surplus Entrance

Credit toward a degree for work done in a preparatory school, upon subjects (Nos. 1-18, incl.) which may be offered for entrance to the University, will be given only to those students who, in addition to satisfying all entrance requirements, pass separate examinations in the subjects for which they seek college credit. These examinations will cover substantially the same ground as the University courses in the corresponding subjects. An applicant who desires a college credit examination of this kind must apply to the Registrar as early as possible and in no case later than the day preceding the beginning of the entrance examinations, specifying which fifteen units he intends to offer in satisfaction of the entrance requirements, and upon what other entrance subjects he wishes to be examined for college credit.

In case he fails to satisfy the entrance requirements in any one or more of the subjects which he has offered for entrance, but passes the college credit examination in any other subject or subjects, he may use the latter for satisfying the entrance requirements, but in that case he cannot also receive college credit therefor. The college credit examinations will be held in September, on the dates set for the entrance examinations in the same subjects.

A candidate using No. 19 of the list of University entrance subjects (see p. 47) to make his fifteen units may not apply for a college credit examination as described above.

ADMISSION OF SPECIAL STUDENTS

A person, ordinarily one of considerable maturity, may under certain circumstances, even without satisfying the entrance requirements, be admitted to one of the colleges of Cornell University as a special student not a candidate for a degree. The applicant must give evidence of ability to do creditable work in the college and his application for admission must be recommended by the department in which he proposes to do the main part of his work.

If a person admitted as a special student without satisfying the entrance requirements subsequently satisfies these requirements, he may be graduated under the ordinary regulations that obtain in the particular college in which he is studying. He will not be permitted, however, to make up deficiencies in entrance subjects by attending University instruction in those subjects.

Candidates for admission as special students must file their applications directly with the Dean of the particular college in which they propose to study.

Special students in the College of Arts and Sciences must be at least twenty-three years of age; in the College of Law and in the College of Architecture, twenty-one years of age.

The College of Engineering does not admit special students.

Special students in the College of Agriculture must have had two full years of recent farm experience and, unless they can satisfy all the entrance requirements for the regular course, must be at least twenty-one years of age.

ADMISSION FROM OTHER COLLEGES

A student, who, having already attended a college or a university, desires to be admitted to a regular course in a college of Cornell University, should file by mail with the Registrar of Cornell University, on an official blank to be obtained from him, a formal application for admission to one of the colleges of the University, along with an official certificate from the college or university which he has already attended, giving evidence of (1) his honorable dismissal, (2) his entrance examinations in detail, (3) his terms of attendance and the amount of work that he has taken, and (4) a detailed statement of the courses pursued. He should also send a catalogue of the institution, writing his name on it and marking the entrance requirements which he has satisfied and each subject which he has taken. All applicants for admission from other colleges should consult the special announcement of the college in which they propose to study.

PAYMENTS TO THE UNIVERSITY

TUITION FEES

The University charges tuition fees, as follows:

For the regular year:

In the College of Arts and Sciences,	\$250
In the College of Law	200
In the College of Architecture,	250
In the College of Engineering,	250
In the Veterinary College,	200
In the College of Agriculture,	200
In the Medical College,	300
In the Graduate School,	75
For the third term in Agriculture (1922),	75
For the Summer Session (1922),	40
For the Summer School in Agriculture (1922),	40*
For the Winter Courses in Agriculture (1922),	25*

In the Medical College in New York City the tuition fee is payable in full at the beginning of the academic year. In Ithaca tuition is payable as follows: Where \$300 is the annual fee, \$160 for the first term and \$140 for the second; where \$250 is the annual fee, \$135 for the first term and \$115 for the second; where \$200 is the annual fee, \$110 for the first term and \$90 for the second; where \$75 is the annual fee, \$37.50 for each term. The installment for any term becomes a liability at once when the student registers.

In any college of the University, a student enrolled only for the second term of the academic year is required to pay tuition at the rate of the first term.

A student who fails to pay his indebtedness to the University within twenty days after the last registration day of the term is thereby dropped from the University. In the Winter Courses and in the Summer Session tuition and fees are due on the first registration day and must be paid within five days thereafter.

*Tuition is free to students in the Winter Courses in Agriculture who for one year immediately preceding registration have been bona fide residents of New York State. For provisions governing free tuition in the Summer School in Agriculture, see the *Announcement of the University Summer Session*.

Any tuition or other fee may be changed by the Trustees to take effect at any time without previous notice.

The tuition fee for any term may be refunded to any student who, for reasons satisfactory to the Comptroller and the Registrar, formally withdraws from the University within twenty days after the first registration day. A student who formally withdraws from the University, for reasons satisfactory to the Comptroller and the Registrar, on or before November 15 or April 1, may have one-half of the tuition fee for the current term refunded. Students registering after December 1 pay for the remainder of the first term two-thirds of the tuition fee for the first term; students registering after April 1 pay for the remainder of the second term two-thirds of the tuition fee for the second term.

CERTAIN CLASSES OF STUDENTS ENTITLED TO FREE TUITION

(1) Tuition is free to the students who hold the State Scholarships in Cornell University provided for by Section 1037 of the New York State Education Law of 1910.

(2) Students pursuing full, special, or short courses in the New York State Veterinary College or the New York State College of Agriculture and students in the Graduate School whose major work is taken in either or both of those colleges, who at the beginning of the college year are and for at least twelve months prior thereto have been bona fide residents of the State of New York, are exempt from the payment of tuition fees; provided, however, that no student shall be allowed to transfer from any such course to another course wherein tuition is charged without first paying the regular tuition fees for the hours for which he may receive credit in the latter course.

(3) Members of the instructing staff registered in the Graduate School and having their major subject in the college or the line of work in which they are instructing, or already having a degree and registered for the first degree in the college in which they are instructing, are exempt from the payment of tuition fees and from the payment of laboratory and shop fees in the department in which they are employed to give instruction; members of the instructing staff who take work for which they must pay tuition are required to pay in proportion to the amount of work for which they are registered.

RULES AFFECTING CANDIDATES FOR ADVANCED DEGREES

No student may receive the master's degree who has not paid the tuition fee for at least one year, and no one may receive the doctor's degree who has not paid the tuition fee for at least three years, unless one or more of the years spent in study for the doctor's degree have been spent in graduate study at another university.

Any student in the Graduate School who has completed the requirement of residence for the degree for which he is a candidate, whose studies have been satisfactory to the faculty, and who during that time has satisfied the requirements as to tuition fees, is, on paying the annual administration fee, exempt from the further payment of tuition fees for a period not to exceed one year.

OTHER FEES

A Matriculation Fee of \$10 is required of every student upon entrance into the University; *this fee must be paid at the time of registration.*

An Infirmary Fee of \$5 a term is required, at the beginning of each term, of every student. (For a statement of the privileges given in return for this fee, see *The University Infirmary*, p. 195).

The infirmary fee is not required of students registered in the Medical College in New York City.

Students in the University Summer Session or the Summer School in Agriculture have the privilege of admission to the infirmary; they pay no fee in advance, but are liable to the regular charges for any service rendered them there.

For students in the Winter Courses in Agriculture, the infirmary fee is \$3.

A Locker Fee of \$2 a term is required, at the beginning of each term of every male undergraduate student. Payment of this fee entitles the student to the use of the gymnasium and the university playgrounds, and to the use of a locker, together with the use of bathing facilities and towels, in the gymnasium, or in the New York State Drill Hall, or in the Schoellkopf Memorial Building.

A Graduation Fee is required, at least ten days before the degree is to be conferred, of every candidate for a degree. For a first or baccalaureate degree the fee is \$10; for an advanced degree it is \$20. The fee will be returned if the degree is not conferred.

Laboratory Fees. In courses of study that require work in laboratory, shop, or drafting room, or field work, a fee is charged to cover the cost of material, etc., used by the student.

Every student registered in the *College of Engineering* must pay, at the beginning of each term, a laboratory fee of \$12.50; students not registered in that college but taking work in the shops must pay a laboratory fee at the rate of \$3.50 a record hour. (A student who has taken while in a non-engineering college of the University part of the work required for an engineering degree shall, before receiving the technical degree, be required to pay to the University Treasurer such amounts as would have been necessary if he had taken all such work while registered in the College of Engineering.)

Every student registered in the *College of Architecture* must pay, at the beginning of each term, a laboratory fee of \$10. Students not registered in the College of Architecture are required to pay \$5 a term, for each course in which they may be registered, in design, drafting, or drawing from life; except that when the student is registered for more than two such courses the total fee shall be \$10.

Deposits.—In some courses, particularly in Chemistry, the student is required to make in advance at the office of the Treasurer of the University a deposit of money to cover the cost of material to be used and supplies to be consumed by him in the course of the term; accounts are kept and charges are entered against the deposit; at the end of the term any balance remaining of the deposit is returned to the student. Every student registered in the first year of the *Course in Chemistry* must deposit \$20 at the beginning of the first term and \$30 at the beginning of the second term. The advanced student of Chemistry should be prepared, if he takes several courses at the same time, to deposit as much as \$60 or \$70 for a single term. In some of the courses in Chemistry, however, the student is required to pay a comparatively small laboratory fee instead of making a deposit.

Payment of the Fee or the Deposit.—Every person taking work in a laboratory or in a course wherein a laboratory fee is charged or wherein a deposit is required must pay to the Treasurer of the University the laboratory fee or the deposit as directed by the laboratory card which he will receive.

The Graduate School.—An administration fee of \$12.50 a term is required of every student registered in the Graduate School.

Exemption of Instructors.—Members of the instructing staff who are registered in the Graduate School are exempt from the payment of the laboratory and shop fees in courses taken or in research pursued in the departments in which they are respectively employed to give instruction.

ASSESSMENTS

Every student is held responsible for any injury done by him to any of the University's property.

Assessments are levied upon the student in certain circumstances, under the following rules of the University:

A student desiring to be reinstated after being dropped from the University for delinquency in scholarship or in conduct shall first pay a fee of \$25.

A matriculated student desiring to register after the close of registration day shall first pay a fee of \$5. [Students in the Graduate School are excepted.]

A student desiring to file his registration of studies after the date set by his college for filing the same shall first pay a fee of \$2.

A student desiring to take an examination or other test for the removal of a term condition (including the making up of a mark of "absent" or "incomplete") shall first pay a fee of \$2 for each examination or other test.

A student desiring to continue his university work after being absent, without excuse from his dean, from any class or exercise occurring during the two days immediately preceding or the two days immediately following the Thanksgiving Recess, the Christmas Recess, or the Easter Recess, shall pay a fee of \$5 for each day on which an absence occurred. [Students in the Graduate School are excepted.]

A student desiring to make an appointment for the required medical examination or conference after twenty days from the last registration day of the term shall first pay a fee of \$2.

For reasons satisfactory to the proper authority any of the above-mentioned *assessments* (except that levied for examination or other test to remove a condition) may be waived in any individual case if the student's failure to comply with the regulation was due to ill health or to other reason beyond his control.

EXPENSES

A student's expenses at Cornell, beyond the stated University fees and a small outlay for books and instruments, depend in large measure on his personal tastes and habits. His expenses, other than those for board and room, may be estimated at the normal rate prevailing throughout that section of the country in which Ithaca is situated.

Parents and guardians are earnestly cautioned against providing their sons and wards with an excessive amount of pocket money. Many young men have been fatally handicapped in their university careers by over-indulgence in this respect.

THE GRADUATE SCHOOL

The purpose of the Graduate School which has exclusive control of all graduate work carried on in the University, is to provide the student with the method and discipline of original research, to the ultimate end that he may contribute to the advancement of knowledge. In furnishing this opportunity for independent study and investigation, the Graduate School seeks to make the conditions such as will enable the student to devote himself wholly to his chosen field. Unhampered by the restrictions that necessarily obtain in undergraduate work, he will come into freedom of association with older scholars, who will seek to make his work profitable to him by giving such aid and direction as he may need.

All courses of study offered in the University, and all the facilities for study and investigation afforded by its libraries and laboratories, are open to students in the Graduate School, subject only to the condition of their being qualified by previous study or experience to undertake the particular work desired.

The Faculty of the Graduate School is composed of those professors, assistant professors, and instructors who are, as members of special committees, engaged in supervising the work of graduate students. The Dean of the Graduate School is Dr. James Edwin Creighton, Sage Professor of Logic and Metaphysics.

ADMISSION

Graduates of the following colleges of Cornell University, namely, the College of Arts and Sciences, the Medical College, the College of Architecture, the College of Engineering, the Veterinary College, and the College of Agriculture, and graduates of other institutions in which the requirements for the first degree are substantially equivalent, are eligible for admission to the Graduate School. In other cases, studies pursued after graduation and experience gained by professional work or otherwise are taken into consideration in deciding whether the candidate's preparation as a whole is such as to justify his admission to the Graduate School. Graduates of colleges other than those of Cornell University may be admitted to the Graduate School, but not to candidacy for an advanced degree, in cases where their training is regarded as less than one year short of that required for the first degree at Cornell University.

Seniors in the colleges of Cornell University who have completed the work required for the bachelor's degree may, under certain conditions to be ascertained from the deans of their respective colleges, be admitted to the Graduate School.

CANDIDACY FOR AN ADVANCED DEGREE

A student is admitted as a candidate for an advanced degree when he has satisfied the Faculty, and especially the professors with whom he intends to work, that both his general preparation and his preliminary work in his specialty are satisfactory in kind and sufficient in amount. For a student who has been admitted to candidacy for an advanced degree, the minimum time of residence for the Master's degree is one year, and for the Doctor's degree three years, provided that the work accomplished during that time is satisfactory.

Not all students admitted to the Graduate School may expect to obtain a degree at the end of the minimum period of residence. A student whose undergraduate work has been insufficient in amount or too narrowly specialized, or whose preparation in his special field is inadequate, must count upon spending some time, in addition to the minimum residence requirement, in work of a less advanced character. The minimum residence requirement, applies only to graduates of a four-year curriculum in some college of Cornell University, and to graduates of other institutions who have pursued an equivalent course of study.

The branch of knowledge to which the student intends to devote the larger part of his time is termed his major subject. The other fields of study selected, which will be necessarily more restricted in their scope and which should in general be selected with some reference to their bearing upon the major subject, are termed the minor subjects. Candidates for the Doctor's degree are required to select

a major subject and two minor subjects; for the Master's degree, a major subject and one minor subject are required.

The work of each candidate for an advanced degree is in charge of a committee consisting of two or more professors under whom his major and minor subjects are pursued, the professor of his major subject being chairman.

Examinations for an advanced degree may be either oral or written, or both, at the option of the examining committee, and are open to all members of the Faculty.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is granted to a student who after completing not less than three years of resident graduate work, presents a satisfactory thesis, and passes an examination on his major and minor subjects and on the subject matter of his thesis. Each candidate for the Doctor's degree must deposit one hundred printed copies of his thesis with the Dean for the use of the University Library.

The Doctor's degree is intended to represent not a specified amount of work covering a specified time, but long study and high attainment in a special field, proved in the first place by the presentation of a thesis which displays the power of independent investigation, and in the second place by passing corresponding examinations upon the ground covered by the major and minor subjects chosen at the beginning of the candidacy. The standard for the Doctor's degree is determined by the attainment to be expected of an excellent student who begins his work with adequate preparation, and devotes his whole time for three years to his major and minor subjects and to his thesis.

Candidates for the Doctor's degree will ordinarily be expected to have a working knowledge of French and German before beginning graduate work; and in all cases, they must, before beginning their second year of residence, show to the satisfaction of their special committees that they possess a reading knowledge of these languages. If the subjects chosen by the candidate are of such character as to make it desirable that he should be familiar with some foreign language other than French or German, the special committee may, with the consent of the Dean, permit the substitution of that language for one of the two required.

The thesis for the Doctor's degree must be of such character as shall demonstrate the candidate's ability to do original work, and in respect of style and composition must be approved by the General Committee of the Graduate School or by some member of the Faculty who has been designated by the General Committee.

THE MASTER'S DEGREE

Cornell University confers the degrees of Master of Arts, Master of Science, Master of Architecture, Master of Civil Engineering, Master of Mechanical Engineering, Master of Electrical Engineering, Master in Forestry, Master in Landscape Design, and Master of Science in Agriculture.

After admission to candidacy for the degree, the student must spend at least one year in residence at this University and must pursue under the direction of his special committee, a course of advanced study including one major and one minor subject.

Each candidate must present a thesis, or essay, as the chairman of his special committee may decide, which shall demonstrate his ability to do independent work, and which shall be acceptable in style and composition. He must then pass an examination on his major and his minor subjects and on the subject matter of his thesis.

GRADUATE WORK IN THE SUMMER

Graduate work may be pursued during the summer by: (a) a student who is registered in the Graduate School and also in the University Summer Session; (b) a student who is registered in the Graduate School and also in the third term of the College of Agriculture; (c) a student who is registered only in the Graduate School and is working under the direction of a member of his special committee.

Work done in the Summer Session of Cornell University, under the direction of a member of the Faculty of the Graduate School, may be counted for residence toward the Master's degree. Two Summer Sessions are considered as one term of residence, four Summer Sessions as two terms.

The third term in the College of Agriculture is accepted for purposes of graduate residence as the equivalent of an equal period during the academic year; but no candidate for the Doctor's degree will be allowed to receive credit for more than two terms of residence during any period of twelve months.

Members of the Faculty of the Graduate School wishing to direct during the summer months the studies of graduate students who are registered neither in the Summer Session nor in the third term in Agriculture may obtain authorization for such work by making application to the general Committee not later than May 1 of each year. Students who have already completed at least a full year of graduate work as candidates for an advanced degree, either in this University or in some institution whose graduate work is acceptable, may receive residence credit for work thus authorized. No candidate for the Doctor's degree will receive credit for more than two terms of residence during any twelve consecutive months.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

The following twenty-five fellowships are offered annually in the Graduate School:

1. The Cornell Fellowship in English.
2. The McGraw Fellowship in Civil Engineering.
3. The Sage Fellowship in Chemistry.
4. The Schuyler Fellowship in Animal Biology.
5. The Sibley Fellowship in Mechanical and Electrical Engineering.
6. The Goldwin Smith Fellowship in Botany; Geology; or Physical Geography.
7. The President White Fellowship in Physics.
8. The Erastus Brooks Fellowship in Mathematics.
9. The University Fellowship in Architecture.
10. The University Fellowship in Romance Languages.
11. The University Fellowship in German.
12. The University Fellowship in Agriculture or in Veterinary Science.
13. The Charles Bull Earle Memorial Fellowship in Mechanical and Electrical Engineering.
14. The President White Fellowship in Modern History.
15. The President White Fellowship in Political and Social Science.
- 16-17. The Susan Linn Sage Fellowships in Philosophy.
18. The Susan Linn Sage Fellowship in Psychology.
- 19-20. The Fellowships in Political Economy.
- 21-22. The Fellowships in Greek and Latin.
23. The Fellowship in American History.
24. The Edgar J. Meyer Memorial Fellowship in Engineering Research.
25. The Jacob H. Schiff Fellowship in German.

The President White Fellowships in Modern History and in Political and Social Science have an annual value of \$500 each; the others have an annual value of \$400 each. All Fellows are exempt from tuition.

The following eighteen graduate scholarships are offered annually in the Graduate School:

- 1-5. The Susan Linn Sage Graduate Scholarships in Philosophy.
6. The Susan Linn Sage Graduate Scholarship in Psychology.
7. The Graduate Scholarship in Mathematics.
8. The Graduate Scholarship in Chemistry.
9. The Graduate Scholarship in Physics.
10. The Graduate Scholarship in Civil Engineering.
11. The Graduate Scholarship in Latin and Greek.
12. The Graduate Scholarship in Archaeology and Comparative Philology.

13. The Graduate Scholarship in Animal Biology.
14. The Graduate Scholarship in Botany; Geology; or Physical Geography.
15. The Graduate Scholarship in English.
16. The Graduate Scholarship in History.
17. The Graduate Scholarship in Architecture.
18. The Graduate Scholarship in Veterinary Medicine.

The graduate scholarships with the exception of the scholarship in Architecture, have an annual value of \$200 each. Holders of graduate scholarships are exempt from tuition. The graduate scholarship in Architecture grants free tuition only.

Official forms for submitting applications for fellowships and graduate scholarships may be obtained from the Dean of the Graduate School. All applications must be submitted to him on or before March 15 of the academic year preceding the one for which application is made. Before this application is filed, the applicant should have convinced himself by correspondence with the Dean that he is eligible for admission to the Graduate School of this University in full standing, since appointments are made only to those who are eligible for admission to candidacy for an advanced degree.

The term of each fellowship and graduate scholarship is one year; but the term may under exceptional circumstances be extended to two years.

All persons elected to fellowships and graduate scholarships are required upon accepting their appointments, to file a bond that, in case of their resignation before the expiration of the time for which they were appointed, they will repay to the University any sums that they may have received.

The President White Fellowships in History and Political Science may, in the discretion of the Faculty of the Graduate School, be made travelling fellowships. In the case of a student of very exceptional ability and promise in the field of either of these fellowships, the two fellowships may, in the discretion of the Faculty, be combined for a single year into one.

Industrial Fellowships

In addition to the fellowships enumerated above, there are offered each year in certain subjects special fellowships for which provision has been made for only one or two years. It is usually impossible to announce opportunities of this nature in any particular subject far in advance, but information may at any time be obtained through correspondence with the respective departments.

Honorary Fellowships

Persons upon whom the Doctor's degree has already been conferred, or persons who have a recognized standing as scholars or investigators equivalent to that degree, may, in the discretion of the Faculty of the Graduate School, be appointed to honorary fellowships. These fellowships cover all fees except laboratory charges. Actual residence at the University and regular registration in the Graduate School are required of all appointees.

GRADUATE PRIZE IN PHILOSOPHY

A graduate Prize in Philosophy of the annual value of about \$25, is open for competition to all students registered in the Graduate School. The prize will be awarded to the graduate student who submits the best paper embodying the results of research in the field of philosophy.

For tuition and fees in the Graduate School see page 53.

GRADUATE STUDENTS, 1921-22

*Not a candidate for a degree. †Seniors who had completed the requirements for the baccalaureate degree (except in some cases the residence requirement) but were admitted to the Graduate School before the degree was actually conferred.

Abt, David Milton, Litt.B. (Rutgers) 1920	New York City
Rural Education, Agricultural Economics. (Works, Boyle)	M.S.
Adams, Grace Kinckle, A.B. (Randolph-Macon) 1920	Lynchburg, Va.
Psychology, Physiology, Education. (Titchener, Simpson, Ogden)	Ph.D.
Adams, Harvey Snyder, B.S. (Pennsylvania State) 1912	Butler, Pa.
Agricultural Economics, Farm Management. (Boyle, Misner)	M.S.
Adams, James Richard, B. Chem. (Cornell) 1921	Utica
Physical Chemistry, Chemical Microscopy, Industrial Chemistry.	
(Bancroft, Briggs, Chamot, Rhodes)	Ph.D.
Adams, Katharine Rogers, A.B. (Wellesley) 1911, A.M. (Cornell) 1919	Poughkeepsie
English Literature, Medieval History, English Language	
(Cooper, Burr, Monroe)	Ph.D.
Adelmann, Howard Bernhardt, A.B., A.M. (Cornell) 1920, 1922	Buffalo
Histology, Embryology, Systematic Vertebrate Zoology,	
Human Physiology. (Kingsbury, Wright, Simpson)	Ph.D.
Aiken, Hugh Kerr, jr., B.S. (Davidson) 1918	Laurens, S. C.
Industrial Chemistry, Analytical Chemistry, Physical Chemistry.	
(Rhodes, Chamot, Briggs)	Ph.D.
Allen, Mavea Geraldine, B.S. (Colorado Agricultural College) 1915	Denver, Colo.
Poultry Husbandry, Rural Education. (Rice, Kruse)	M.S.
*Allen, Paul William, B.S. (St. Lawrence) 1910	Champaign, Ill.
Adviser: W. A. Stocking.	
Allen, Raymond Peck, A.B. (Cornell) 1920	Lima
Physical Chemistry, Physics, Chemical Microscopy.	
(Bancroft, Briggs, Richtmyer, Chamot)	Ph.D.
Alverson, Reginald Cantrell, A.B. (Wofford) 1921	Spartanburg, S. C.
Psychology, Philosophy. (Weld, Creighton)	A. M.
Anderson, Charles Breckenridge, B. Ped. (Berea College) 1914	Orlando, Ky.
Rural Education, Rural Social Organization. (Brim, Sanderson)	M.S.
Apgar, William Burnet, B.S. (Cornell) 1921	Madison, N. J.
Forest Administration, Silviculture. (Recknagel, Spring)	M.F.
*Arbuckle, James Stewart, B.S. in E.E. (McGill) 1920	Pictou, N. S., Canada
Adviser: V. Karapetoff.	
Atwood, Leland Leavitt, A.B. (Clark) 1916	Plymouth, N. H.
French, Spanish. (Mason, Keniston)	A.M.
Ault, Eugene Stanley, B.E. (Johns Hopkins) 1920, M.E. (Cornell) 1921	Baltimore, Md.
Experimental Engineering, Heat-Power Engineering.	
(Diederichs, Barnard)	M.M.E.
Avins, Emma Rena, A.B. (Oberlin) 1920	Groton
Entomology, Botany. (Needham, Schramm)	A.M.
Babbitt, Ross Milton, B.S. (Huron) 1920	Huron, S. Dak.
Physical Chemistry, Organic Chemistry, Geology.	
(Briggs, Orndorff, Ries)	Ph.D.
Baerg, William J., A.B. (Kansas) 1915	Lawrence, Kans.
Economic Entomology, Entomology, Zoology.	
(Herrick, Johannsen, Wright)	Ph.D.
Baldrige, John Lakin, B.Arch. (Cornell) 1916	Ithaca
Architectural Design, History of Architecture. (Bosworth, Phelps)	M.Arch.
Barck, Dorothy Churchill, A.B. (Vassar) 1921	Brooklyn
American History, Modern European History. (Hull, Becker)	A.M.
Barkas, Benjamin William, B.S. (Cornell) 1921	Brooklyn
Rural Economy, Rural Social Organization, History.	
(Lauman, Thompson, Becker)	Ph.D.
Barney, Archie Fay, B.S.Agr. (Utah Agr.) 1920	Logan, Utah
Plant Breeding, Plant Physiology, Soil Technology.	
(Love, Knudson, Bizzell)	Ph.D.
Barrett, Willard Riehlman, B. Chem. (Cornell) 1920	Buffalo
Organic Chemistry, Physical Chemistry, Industrial Chemistry.	
(Orndorff, Briggs, Rhodes)	Ph.D.
Bayne, Thomas Livingston, B.S.Agr. (N. C. State) 1919	New York City
Rural Education, Rural Organization. (Kruse, Sanderson)	M.S.
Becker, Joseph Adam, A.B. (Cornell) 1918	Ithaca
Experimental Physics, Theoretical Physics, Mathematics.	
(Richtmyer, Kennard, Hurwitz)	Ph.D.
Behr, Leo, M.E. (Cornell) 1918	Philadelphia, Pa.
Experimental Physics, Theoretical Physics, Mathematics.	
(Richtmyer, Murdock, Hurwitz)	Ph.D.
Behre, Helen Jeanette Allen, A.B. (Vassar) 1913	Cincinnati, Ohio
Physiological Chemistry, Anatomy, Physiology.	
(Benedict, Stockard, Lusk)	Ph.D.
Bell, Olin Grogan, A.B. (Oklahoma) 1921	Elk City, Okla.
Economic Geology, Stratigraphic Geology. (Ries, Harris)	M.S.

- Bell, Raymond William, B.S., M.S. in Agr. (Cornell) 1920, 1921
Dairy Industry, Organic Chemistry, Physical Chemistry.
(Troy, Orndorff, Bancroft)
- †Benedict, John King, A.B. (Cornell) 1922
History of Philosophy, Ethics. (Creighton, Thilly)
- Benham, John Latham, B.Chem. (Cornell) 1921
Physical Chemistry, Biochemistry, Physics.
(Bancroft, Briggs, Bodansky, Richtmyer)
- Bennehoff, James DeSett, B.S., M.S. (Alfred) 1902, 1904
Zoology, Histology and Embryology, Anatomy.
(Reed, Kingsbury, Kerr)
- *Berg, Harry Andrew, B.S. in E.E. (Iowa State) 1921
Adviser: V. Karapetoff.
- Berkowitz, Hyman Chonon, A.B., A.M. (Cornell) 1917, 1918
Spanish Literature, French Literature, Romance Philology.
(Keniston, Mason, Hamilton)
- Betournay, Noé Joseph, B.S.C.E. (McGill) 1920
Hydraulics, Concrete Bridge Design. (Weber, Urquhart)
- Bishop, Morris Gilbert, A.B., A.M. (Cornell) 1913, 1914
French, Spanish, Italian. (Mason, Keniston, Pumpelly)
- Blau, Nathan Frank, D.V.M. (Cornell) 1919
Chemistry, Physiology, Bacteriology. (Benedict, Lusk, Elser)
- †Blodgett, Elsie Bernice, A.B. (Cornell) 1922
English Literature, English Language. (Broughton, Monroe)
- Blodgett, Harold William, A.B. (Cornell) 1921
American Literature, English Drama. (Prescott, Sampson)
- Boardman, Leland Jaynes, A.B. (Oberlin) 1910
Experimental Physics, Theoretical Physics, Applied Electricity.
(Merritt, Kennard, Bedell, Richtmyer)
- Bosworth, Henry Burt, B.S. in Agr. (Cornell) 1921
Forest Mensuration, Forest Management and Finance.
(Bentley, Guise)
- Bottomly, Myrl E., B.S. (Michigan Agr.) 1916
Landscape Design, Planting Materials and Their Use.
(Davis, R. W. Curtis)
- Bowen, Ward Culver, A.B., A.M. (Oberlin) 1915, 1916
Economic Geology, Mineralogy, Structural Geology. (Ries, Gill, Harris)
- Boyd, John Barnes, B.S. in Ed., B.S. in Agr. (Missouri) 1915, 1916
Rural Education, Rural Economics. (Eaton, Butterworth, Boyle)
- Boyd, Oran Cecil, B.S. Agr. (Oklahoma A. and M.) 1916
Plant Pathology, Plant Physiology, Physical Chemistry.
(Blodgett, Curtis, Briggs)
- Braddock, Catherine Christina, B.A., M.A. (New Zealand) 1917
Psychology, Physiology, Education. (Titchener, Simpson, Ogden)
- Bradley, Robert Claud, A.B., B.S. (Central Mo. Teacher's College) 1920
M.S. in Agr. (Cornell) 1922
Poultry, Pomology, Bacteriology. (Rice, Heinicke, Moore)
- *†Bradt, Clarence G., B.S. (Cornell) 1922
Adviser: J. E. Boyle.
- Brailey, Allen Gilbert, B.S. (Dartmouth) 1921
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
(Orndorff, Bancroft, Rhodes)
- Brandes, George Henry, B.Chem. (Cornell) 1918
Physical Chemistry, Analytical Chemistry, Economic Geology.
(Briggs, Dennis, Ries)
- Bregger, John Taylor, B.S. (Michigan Agr.) 1917
Pomology, Plant Pathology. (Heinicke, Massey)
- Brink, Sheldon Edward, B.S. (Cornell) 1913
Rural Education, Rural Social Organization. (Works, Thompson)
- *Britt, Robert Emery, B.S. (Cornell) 1921
Adviser: H. W. Riley.
- *Brittain, Rufus, B.S. (Hampden-Sydney) 1921
Adviser: J. G. Pertsch, jr.
- Brittain, William Harold, B.S.A. (McGill) 1911, M.S. Agr. (Cornell) 1920
Economic Entomology, Insect Morphology, Biology.
(Matheson, Johannsen, Needham)
- Brotherhood, Lillian Fred, B.S. (Cornell) 1921
Botany (Histology), Geology. (Eames, Ries)
- Brown, Harold Duke, B.A. (Toronto) 1921
Soil Technology, Physical Chemistry. (Wilson, Briggs)
- Brunson, Arthur Maxwell, B.S. Agr., M.S. (Illinois) 1913, 1919
Plant Breeding, Plant Physiology, Farm Crops.
(Emerson, Knudson, Wiggans)
- Bruyere, Andriés Johannes, B.A. (Cape of Good Hope) 1915
Sociology and Statistics, Economics, European History.
(Willcox, Davenport, Becker)
- Bull, Arthur Walker, B. Chem. (Cornell) 1919
Physical Chemistry, Microscopy, Industrial Engineering.
(Briggs, Chamot, Kimball)
- Brasher Falls
Ph.D.
Poughkeepsie
A.M.
Niagara Falls
Ph.D.
Alfred
Ph.D.
Ithaca
Brooklyn
Ph.D.
St. Lambert, Que., Canada
M.C.E.
Yonkers
Ph.D.
Ithaca
Ph.D.
Corning
A.M.
Corning
A.M.
Ithaca
Ph.D.
Buffalo
M.F.
Independence, Ohio
M.L.D.
Ithaca
Ph.D.
Springfield, Mo.
M.S.
Hooker, Okla.
Ph.D.
Rotherham, England
Ph.D.
Huntsville, Mo.
Ph.D.
Rome
South Royalton, Vt.
Ph.D.
Oswego
Ph.D.
Bangor, Mich.
M.S. in Agr.
Marathon
M.S.
Brockport
Tazewell, Va.
Truro, N. S., Canada
Ph.D.
Ithaca
M.S.
Brampton, Ont., Canada
M.S. in Agr.
Urbana, Ill.
Ph.D.
Ladismith, C. P., South Africa
Ph.D.
Ithaca
Ph.D.

- Burleson, Gladys Dew, A.B. (Tennessee) 1918
Inorganic Chemistry, Physics. (Dennis, Gibbs)
- Bush, Ralph Raymond, M.E. (Cornell) 1920
Experimental Engineering, Mathematics.
(Diederichs, Upton, Gillespie)
- Butler, Anne Louise, A.B. (Middlebury) 1910
American History, Medieval History, American Literature
(Hull, Burr, Prescott)
- Button, Henry Burr, B.S. (Cornell) 1921
Agricultural Chemistry, Dairy Industry. (Rice, Troy)
- Byus, John Levenus, B.S., M.S. (Cornell) 1919, 1921
Systematic Entomology, Economic Entomology, General Zoology.
(Johannsen, Herrick, Reed)
- Camden, Stella DuPriest, A.B. (Cornell) 1921
American History, English Literature. (Bretz, Broughton)
- Campbell, Alan Ditchfield, A.B. (Rutgers) 1912
Mathematics, Philosophy. (Ranum, Hurwitz, Creighton)
- Card, Leslie Ellsworth, B.S. (Cornell) 1914
Poultry Husbandry, Farm Management, Marketing.
(Rice, Myers, Boyle)
- Carlson, Fred Albert, B.S. (Mass. Agr.) 1918
Soil Technology, Geology, Farm Crops. (Bizzell, Ries, Wiggins)
- Carroll, Wesley Barnett, A.B. (Wofford) 1921
Victorian Literature, Old English. (Northup, Monroe)
- Castle, Hempstead, B.S. (Cornell) 1921
Histology and Morphology, Plant Physiology, Geology
(Eames, Knudson, Harris)
- Chandrastitya, Iang, B.S. (Philippines) 1921
Plant Breeding, Floriculture. (Hutchison, Beal)
- †Chao, Ming Kao, A.B. (Cornell) 1922
Government, History. (Saby, Hull)
- †Chao, Shen Chu, C.E. (Cornell) 1922
Railway Engineering, Hydraulics. (Barnes, Seery)
- *Chawner, Lowell Jenkins, A.B. (Occidental) 1921
Adviser: L. C. Urquhart.
- Chen, Hsi Ching, B.S. in Chem. (Tufts) 1921
Physical Chemistry, Industrial Chemistry. (Bancroft, Rhodes)
- Chen, Tsai Chun, B.S. (Illinois) 1921
Animal Husbandry, Plant Breeding. (Maynard, Wiggans)
- Chen, Tsu Yi, B.S. in C.E. (Pei Yang) 1919
Bridge Engineering, Railroad Engineering
(Urquhart, Jacoby, Barnes)
- Cheney, Clara Frances, A.B. (Vassar) 1921
Experimental Physics, Theoretical Physics. (Gibbs, Murdock)
- Cherdantzeff, Peter, M.E. (Cornell) 1921
Experimental Engineering, Steam Power Plants.
(Diederichs, Barnard)
- Chieng, Kwai, B.S.C.E. (Government Inst. of Technology) 1920
Railroad and Highway Engineering, Hydraulic Engineering.
(Barnes, Seery)
- Chobot, Edwin Frank, C.E. (Cornell) 1921
Bridge Engineering, Concrete Construction. (Burrows, Urquhart)
- Clark, Arthur Lincoln, B.S. (Cornell) 1921
Limnology, Forestry. (Needham, Embody, Recknagel)
- Clum, Harold Hayden, A.B. (Oberlin) 1917
Plant Physiology, Plant Pathology, Physical Chemistry.
(Curtis, Massey, Briggs)
- †Cohen, Miriam, A.B. (Cornell) 1922
Bacteriology, Philosophy (Carpenter, Creighton)
- Cohen, Woolf, A.B. (Toronto) 1920
History of Philosophy, Ethics, Economics.
(Creighton, Albee, Thilly, Davenport)
- *Collins, John Harding, B.E. (Johns Hopkins) 1920
Adviser: H. Diederichs.
- Colman, Wallace, A.B. (Wabash) 1913
Economic Entomology, Morphology of Insects.
(Herrick, Johannsen)
- Cone, Willard Ray, B.S. (Cornell) 1915
Rural Education, Agronomy. (Ferriss, Works, Bizzell)
- †Conkling, Frank Ellsworth, jr., C.E. (Cornell) 1922
Bridge Engineering, Hydraulics. (Urquhart, Weber)
- Cooley, Charles Ransom, B.S. (Cornell) 1921
Landscape Design, Landscape Engineering. (Montillon, Davis)
- Cooper, Herbert Press, B.S. (Clemson) 1911, M.S. (Wisconsin) 1915
Plant Breeding, Farm Crops, Soil Technology.
(Love, Wiggans, Bizzell)
- Copeland, Abraham, B.S. (Cornell) 1921
Plant Breeding, Plant Pathology, Soils. (Emerson, Bizzell, Massey)
- Corey, Robert Brainard, B. Chem. (Pittsburgh) 1919
Industrial Chemistry, Chemical Microscopy, Chemical Spectroscopy.
(Dennis, Chamot, Papish)
- Johnson City, Tenn
A.M.
Kingston, Pa.
M.M.E.
Proctor, Vt.
Ph.D.
Canastota
M.S.
Sodus Point
Ph.D.
Lynchburg, Va.
A.M.
Lansdowne, Pa.
Ph.D.
Sylvania, Pa.
Ph.D.
Pittsfield, Mass.
Ph.D.
Spartanburg, S. C.
A.M.
Ithaca
Ph.D.
Cambridge, Mass.
M.S.
Fengtien, China
A.M.
Yuhsien, Honan, China
M.C.E.
Pasadena, Cal.
Amoy, China
M.S.
Hangchow, China
M.S. in Agr.
Hangchow, China
M.C.E.
Cortland
A.M.
Petropavlovsk, Russia
M.M.E.
Shanghai, China
M.C.E.
Brooklyn
M.C.E.
Jamaica Plain, Mass.
M.S.
Cleveland Heights, Ohio
Ph.D.
New York City
A.M.
Toronto, Ont., Canada
Ph.D.
Chestertown, Md.
Crawfordsville, Ind.
A.M.
Alfred
M.S.
Patchogue
M.C.E.
Oberlin, Ohio
M.L.D.
State College, Pa.
Ph.D.
Dannemora
Ph.D.
Barberton, Ohio
Ph.D.

- Cornwell, Ralph Thomas Kline, B. Chem. (Cornell) 1918
Organic Chemistry, Industrial Organization, Chemical Microscopy.
(Orndorff, Kimball Chamot)
- Cottrell, Casper Lehman, A.B. (George Washington) 1920
Experimental Physics, Theoretical Physics, Mathematics.
(Richtmyer, Merritt, Hurwitz)
- Coughlin, Emma Evelyn, A.B. (Goucher) 1921
Ethics, History of Philosophy. (Thilly, Creighton)
- Cowles, Raymond Bridgeman, B.A. (Pomona) 1921
Entomology (Systematic), Zoology. (Bradley, Wright)
- Crawford, Lucy Shepard, A.B. (Cornell) 1913
Philosophy, Ethics, Education. (Creighton, Hammond,
Albee, Thilly, Ogden)
- Crouse, Nellis Maynard, B.A. (Yale) 1906
American History, Modern European History, English History
(Bretz, Becker, Notestein)
- Crowell, James White, S.B., A.M. (Haverford) 1909, 1911
Spanish, French, Italian. (Keniston, Mason, Pumpelly)
- Cubbon, Miles Hugo, B.S. (Cornell) 1921
Agronomy, Physical Chemistry, Pomology.
(Wilson, Briggs, Heinicke)
- Curran, Harold Raymond, B.S. (Cornell) 1921
Bacteriology, Limnology. (Stocking, Needham)
- Currier, Arnold John, A.B. (Colgate) 1915
Inorganic Chemistry, Physical Chemistry, Agricultural Chemistry.
(Browne, Briggs, Rice)
- *Curtis, Ralph Raymond, A.B. (Princeton) 1914
Adviser: G. W. Cavanaugh
- Curtiss, Leon Francis, A.B. (Cornell) 1917
Experimental Physics, Theoretical Physics, Alternating Currents.
(Richtmyer, Kennard, Bedell, Merritt)
- Cushing, Edward Raymond, D.V.M. (Cornell) 1921
Clinical Medicine and Obstetrics, Bacteriology and Pathology.
(Udall, Moore)
- Dadisman, Andrew Jackson, B.S. Agr. (West Virginia) 1914, M.S. Agr. (Cornell) 1914
Farm Management, Political Science, Rural Organization.
(Myers, Willcox, Thompson)
- D'Ambrosi, Faust Joseph, A.B. (Cornell) 1921
Spanish, French. (Keniston, Mason)
- †Dattlebaum, David Nathaniel, A.B. (Cornell) 1922
Economics, English History. (Davenport, Notestein)
- Daugherty, Edgar Sterling, M.E. (Cornell) 1921
Experimental Engineering, Heat-Power Engineering
(Diederichs, Barnard)
- *†Davenport, Nellie, B.S. (Cornell) 1922
Adviser: Miss Van Rensselaer.
- deForest, Mulford David, A.B. (Union) 1916, B.S. (Cornell) 1921
Animal Husbandry, Poultry Husbandry. (Savage, Kent)
- Demerec, Milislav, Eng. in Agr. (Royal High Agr.) 1915
Plant Breeding, Plant Physiology, Plant Pathology.
(Emerson, Curtis, Massey)
- Denton, Elsie Mildred, A.B. (Cornell) 1921
English Literature, English Language. (Northup, Monroe)
- deVilliers, Francois Jean, A.B. (California) 1921
Horticulture, Plant Pathology, Physical Chemistry.
(Chandler, Curtis, Briggs)
- *Dickinson, Frank, B.A. (Mt. Allison) 1913
Adviser: G. A. Works.
- Dickson, Frank, B.A. (Queen's) 1920
Plant Pathology, Plant Physiology, Cytology.
(Massey, Whetzel, Knudson, Sharp)
- *Dietze, Charlotte Amy, B.A. (Sophie Newcomb) 1919
Adviser: E. G. Montillon.
- Dikeman, Raymond Charles, B.S. (Cornell) 1921
Pomology, Farm Crops. (Heinicke, Hardenburg)
- *Dissinger, Ira Thorne Clement, A.B. (California) 1920
Adviser: M. W. Sampson.
- Dixon, Evalyn Elizabeth, A.B. (Vassar) 1921
Modern European History, English History. (Becker, Notestein)
- Doane, George Herbert, M.A. (Columbia) 1921
Economic Geology, Petrography, Stratigraphy
(Ries, Gill, Harris)
- Dolbeare, Harwood Burrows, B.A. (Wesleyan) 1921
Economic Theory, Finance. (Davenport, Rogers)
- Dorsey, Ernest, B.S. (Minnesota) 1916
Plant Breeding, General Botany, Physical Chemistry.
(Love, Sharp, Briggs)
- Dow, Lafayette Francis, A.B. (Bowdoin) 1917
French, Spanish. (Mason, Keniston)
- Northumberland, Pa.
Ph.D.
Reading, Pa.
Ph.D.
Luzerne, Pa.
A.M.
Muzumbe, Natal, South Africa
M.S.
Brooklyn
Ph.D.
Utica
Ph.D.
Ithaca
Ph.D.
Oil City, Pa.
Ph.D.
Buffalo
M.S.
Hamilton
Ph.D.
Brooklyn
Ithaca
Ph.D.
Ithaca
M.S.
Grafton, W. Va.
Ph.D.
Ithaca
A.M.
Woodmere
A.M.
Crisfield, Md.
M.M.E.
Accord
Schenectady
M.S.
Krizevci, Jugo-Slavia
Ph.D.
Ithaca
A.M.
Cape Town, South Africa
Ph.D.
Yarmouth, N. S., Canada
Brantford, Ont., Canada
Ph.D.
New Orleans, La.
Forestville
M.S.
Sunbury, Pa.
Avon, Ill.
A.M.
Ithaca
Ph.D.
Norwich, Conn.
A.M.
Dresden, Ohio
Ph.D.
South Paris, Me.
A.M.

- Downs, Paul Andrew, B.S. (Connecticut Agr.) 1918
Dairy Industry, Agricultural Chemistry, Biochemistry,
(Stocking, Cross, Sumner, Bodansky) Waterbury, Conn.
Ph.D.
- Doyle, Arthur Henry, B.A., M.A. (Penn. State) 1918, 1921
Spanish, French, Italian. (Keniston, Mason, Pumpelly) Brooklyn
Ph.D.
- Doyle, Frank Butler, B.S. in E.E. (Illinois) 1920
Experimental Physics, Mathematics. (Bedell, Gage, Gillespie) Bethany, Ill.
M.S.
- Drew, Muriel Ashenfelter, A.B. (Vassar) 1919
Economics, Labor Problems. (Willcox, Slichter) Ithaca
A.M.
- *Edmundson, Haywood, A.B. (North Carolina) 1921
Adviser: J. E. Boyle. Raleigh, N. C.
- Elliott, William Whitfield, B.A. (Hampden-Sydney) 1918, M.A. (Kentucky) 1919
Analysis, Applied Mathematics, Applied Physics. Atlanta, Ga.
(Hurwitz, Sharpe, Kennard) Ph.D.
- *Ersley, Minnie Davis, B.S. (Alfred) 1914
Adviser: Miss Rose Greenwood
Ph.D.
- Esquivel y Frias, Prudencio, B.S.C.E. (Philippines) 1919, M.S.I. (California) 1920
Experimental Hydraulics, Concrete Construction, Hydraulic Engineering. Jaen, Nueva Ecija, P. I.
(Schoder, Urquhart, Seery) Ph.D.
- †Ewald, Walter August Julius, B.S. (Cornell) 1922
Landscape Design, Architectural Design. (Davis, Bosworth) Utica
M.L.D.
- Eyster, Lewis Arthur, A.B. (Bucknell) 1917, M.S. Agr. (Cornell) 1920
Plant Breeding, Farm Crops, Plant Physiology. (Emerson, Wiggans, Curtis) Fisher's Ferry, Pa.
Ph.D.
- *Fagundes, Nestor Barcellos, B.S. (Coll. of Agr., Brazil) 1919
Adviser: L. M. Massey. Pelotas, Brazil
- Fedman, Samuel, A.B. (Cornell) 1920
Psychology, Education, Semitics. (Titchener, Odgen, Schmidt) Brooklyn
Ph.D.
- Feng, Chao Chuan, B.S. in Agr. (Georgia) 1921
Plant Breeding, Plant Pathology. (Emerson, Fitzpatrick) Kiangsu, China
M.S.
- Feng, Rui, B.S. (Nanking) 1920
Genetics, Agricultural Economics. (Fraser, Boyle) Hongkong, China
M.S. in Agr.
- Fenner, Laurence Myron, B.S. Agr. (Ohio State) 1920
Plant Pathology, Physical Chemistry, Entomology. Tippecanoe City, Ohio
(Blodgett, Briggs, Herrick) Ph.D.
- Fernald, Evelyn Ida, A.B. Vassar 1912, A.M. (Cornell) 1920
Plant Physiology, General Botany, Physical Chemistry. West Groton, Mass.
(Curtis, Eames, Briggs) Ph.D.
- Fernow, Karl Hermann, B.S. (Cornell) 1916
Plant Pathology, Botany, Physical Chemistry. Waterport
(Blodgett, Barrus, Eames, Briggs) Ph.D.
- Ferrand, Elsie Margaret, A.B., A.M. (Cornell) 1920, 1921
French Literature, Spanish Literature, German Literature Gardenville
(Guerlac, Keniston, Boesche) Ph.D.
- Fincher, Myron Gustin, D.V.M. (Cornell) 1920
Clinical Medicine and Obstetrics, Pathology and Bacteriology. Ithaca
(Udall, Moore) M.S.
- Firket, Guillaume Christian, B.C.E. (Liège) 1920
Electrical Engineering, Hydraulic Engineering. Liège, Belgium
(Karapetoff, Schoder) M.S.
- Fisher, Roy Marshall, A.B. (Clark) 1915
Experimental Physics, Theoretical Physics, Mathematics. New Salem, Mass.
(Merritt, Kennard, Hurwitz) Ph.D.
- Fitch, Harold Wakefield, B.S. (New Hampshire State) 1921
Plant Pathology, Plant Physiology, Entomology. Delmar
(Massey, Knudson, Crosby, Needham) Ph.D.
- *Flemming, Marion Fotens, B.S. (N.Y. State Teachers' Coll.) 1915, M.A. (Columbia) 1920
Adviser: Miss Rose. Albany
- Fontaine, Charles Arthur, B.L., B.S., B.S.A. (Montreal) 1906, 1908
Adviser: J. A. Bizzell. Oka, Quebec, Canada
- Forbush, Wallace Clifford, B.S. (Mass. Agric.) 1913
Agronomy, Rural Education, Plant Physiology. Rutland, Mass.
(Bizzell, Lyon, Works, Knudson) Ph.D.
- Force, Albert William, B.S. (Cornell) 1921
Plant Pathology, Plant Physiology, Economic Entomology. Ithaca
(Massey, Curtis, Herrick) Ph.D.
- Fraleigh, Percy Austin, A.B., A.M. (Cornell) 1917, 1918
Mathematical Analysis, Applied Mathematics, Physics. Poughkeepsie
(Hurwitz, Sharpe, Kennard) Ph.D.
- Franco, Felix, B.S.F. (Montana State) 1921
Forest Management, Silviculture. (Recknagel, Spring) Mexico, Pampanga, P. I.
M.F.
- French, Walter Hoyt, A.B. (Cornell) 1920
Modern English Literature, Middle English Literature. Oak Park, Ill.
(Northup, Strunk) A.M.
- Friedman, Herbert, B.S. (College of City of New York) 1920
Ornithology, Systematic Vertebrate Zoology, Comparative Anatomy. Brooklyn
(Allen, Wright, Reed) Ph.D.
- Fronza, Francisco Mamacay, B.Agr. (Philippines) 1919, M.S. (Cornell) 1920
Poultry Husbandry, Animal Husbandry, Comparative Pathology and Bacteriology. Aliaga, Nueva Ecija, P. I.
(Heuser, Maynard, Moore) Ph.D.

- Frost,*Stuart Ward, B.S. (Cornell) 1915
Economic Entomology, Systematic Entomology, Zoology.
(Matheson, Johannsen, Wright) Tarrytown
Ph.D.
- Fugh, Paul Chen, B.S.F. (Oregon Agr.) 1919
Rural Education, Rural Social Organization. (Brim, Sanderson) Washington, D.C.
M.S.
- Fuller, James Weast, D.V.M. (Cornell) 1921
Bacteriology, Small Animal Diseases. (Carpenter, Milks) Ithaca
M.S.
- Fung, Chien, B.S. in E.E. (Govt. Inst. of Tech.) 1919
Electrical Engineering, Power Engineering. (Karapetoff, Barnard) Shanghai, China
M.E.E.
- Furbeyre, Vincenle Villamil, A.B. (Emporia) 1917
Industrial Chemistry, Physical Chemistry. (Rhodes, Briggs) Bound Brook, N. J.
A.M.
- Gabriel, Harry S., B.S., M.S. (Cornell) 1915, 1920
Agricultural Economics, Rural Education, Economics.
Watkins
Ph.D.
- Gallman, Waldemar John, A.B. (Cornell) 1921
English, German. (Northup, Faust) Wellsville
A.M.
- Gardner, Hubert Miller, B.S. in Agr. (Purdue) 1916
Rural Education, Rural Social Organization.
Goshen, Ind.
M.S. in Agr.
- Gaskill, Gussie Esther, A.B., A.M. (Kansas) 1918, 1919
Modern European History, English History, Political Economy.
Lawrence, Kans.
Ph.D.
- Gershoy, Leo, A.B., A.M. (Cornell) 1919, 1920
European History, Medieval History, American History.
New York City
Ph.D.
- Gilbert, Arthur Ward, B.S. (Dartmouth) 1921
Education, Psychology, Philosophy. (Jordan, Weld, Creighton, Albee) Dorset, Vt.
Ph.D.
- Gillett, Roy Lewis, B.S. (Cornell) 1917
Farm Management, Economics, Soils.
Colden
Ph.D.
- Gillis, Merl Conrad, B.S. in Agr. (Purdue) 1917
Plant Breeding, Plant Physiology, Farm Crops.
South Bend, Ind.
Ph.D.
- Gilman, Herbert Lester, D.V.M., M.S. (Cornell) 1917, 1920
Veterinary Bacteriology, Veterinary Obstetrics, Vertebrate
Embryology. (Hagan, Moore, Birch, Kingsbury) Ithaca
Ph.D.
- †Goff, Edith Adelaide, B.S. (Cornell) 1922
Entomology, Insect Morphology. (Needham, Johannsen) Ithaca
M.S.
- Good, Henry George, B.S. (California) 1920
Systematic Entomology, Limnology. (Bradley, Needham) Berkeley, Cal.
M.S.
- Gordon, Ralph, A.B. (Coll. of City of New York) 1919
English Language and Literature, Old English, Philosophy.
New York City
Ph.D.
- Graham, Vi Arvin, A.B., A.M. (Cornell) 1917, 1918
Biochemistry, Organic Chemistry. (Sumner, Orndorff) Richmond, Va.
M.S.
- Gratz, Levi Otto, A.B. (Bluffton) 1915
Plant Pathology, Plant Physiology, Physical Chemistry.
Bluffton, Ohio
Ph.D.
- Greene, Guy Shepard, A.B. (Hobart) 1920
Elizabethan Drama, Nineteenth Century Poetry, Old English.
Suffern
Ph.D.
- Griffiths, Joseph Harry, B.A. (Lawrence) 1918
Ethics, Logic and Metaphysics, Psychology.
Ithaca
Ph.D.
- Griwsold, Grace Hall, B.S. (Cornell) 1918
Economic Entomology, Landscape Art, Insect Morphology.
Ithaca
Ph.D.
- Gross, Francis Philip, jr., A.B. (Dartmouth) 1920
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
St. Louis, Mo.
Ph.D.
- Gurchot, Abel Charles, B.S. (Coll. of City of New York) 1921
Organic Chemistry, Physiology, Physical Chemistry.
New York City
Ph.D.
- †Gutwillig, William Stern, A.B. (Cornell) 1922
Statistics, Economics. (Willcox, Rogers) Far Rockaway
A.M.
- Haber, Vernon Raymond, B.Sc., M.A. (Ohio State) 1914, 1916
Insect Morphology, Economic Entomology, Systematic Zoology.
Rossburg, Ohio
Ph.D.
- †Hahn, Ray Lester, B.S. (Cornell) 1922
Rural Education, Rural Economy. (Butterworth, Lauman) Ithaca
M.S.
- Hale, Charles Brockway, A.B. (Cornell) 1920
Modern English Literature, American Literature, Old English.
Greensboro, N. C.
Ph.D.
- *Haley, Simon Alexander, B.S.A. (N. C. Negro Agr. and Technical) 1918
Adviser: J. E. Rice. Savannah, Tenn.
M.S.
- Hallock, Harold Coleman, LL.B. (Cornell) 1916
Morphology of Insects, Economic Entomology. (Johannsen, Matheson) Ithaca
M.S.
- Hallock, Hortense, B.S. (Elmira) 1921
Literary Criticism, Old English. (Cooper, Monroe) Dundee
A.M.

- Hance, Francis Evald, B.Chem. (Cornell) 1921
Inorganic Chemistry, Physical Chemistry, Industrial Chemistry.
(Dennis, Bancroft, Rhodes) Ithaca Ph.D.
- Hannah, Robert, B.A. (Western Univ., London, Can.) 1919
Public Speaking, Literary Criticism. (Drummond, Cooper) London, Ont., Canada Ph.D.
- †Harada, Kyosuke, Kogakushi (Kyushu Imperial Univ.) 1917
Adviser: Professor Karapetoff. Akasaka, Kokura, Japan A.M.
- Harlan, James Davis, B.S. (Pennsylvania State) 1912
Plant Physiology, Plant Breeding, Physical Chemistry
(Knudson, Love, Briggs) Geneva Ph.D.
- Harper, Francis, A.B. (Cornell) 1914
Vertebrate Zoology, Ornithology, Biology. (Wright, Allen, Needham) Ithaca Ph.D.
- †Harriott, John Frederick, B.S. (Cornell) 1922
Farm Management, Agricultural Economics. (Myers, Babcock) Mamaroneck Ph.D.
- Harrison, Thomas Perrin, jr., A.B. (North Carolina) 1918
Elizabethan Literature, English History during the Tudor Period,
Philosophy. (Adams, Notestein, Creighton, Albee) West Raleigh, N. C. M.S.
- Hart, Van Breed, B.S. (Cornell) 1918
Farm Management, Economics, Animal Husbandry.
(Myers, Davenport, Savage) Ph.D.
- Hatch, Lloyd Harvey, B.S. (Bowdoin) 1921
English History, Modern European History. (Notestein, Becker) Dexter, Me. A.M.
- Hausman, Ethel Hinckley, B.S. (Cornell) 1921
Entomology, Educational Psychology. (Needham, Kruse) Ithaca A.M.
- Hemmer, Andrew Joseph, B.Chem. (Cornell) 1920
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
(Orndorff, Briggs, Rhodes) Syracuse Ph.D.
- Henderson, Edgar Herbert, B.A. (Furman) 1915
Logic and Metaphysics, Ethics, Psychology.
(Creighton, Albee, Hammond, Thilly, Weld) Hartsville, S. C. Ph.D.
- Hendon, Bryan, A.B. (Oklahoma) 1919
Paleontology, Mineralogy. (Harris, Gill) Shawnee, Okla. A.M.
- Herbert, Paul Anthony, B.S. (Cornell) 1921
Forest Management, Silviculture. (Recknagel, Spring) New York City M.F.
- †Herrick, Marvin Theodore, A.B. (Cornell) 1922
English Literature, Philosophy, English Language. (Cooper, Creighton, Monroe) Ithaca Ph.D.
- Hickok, Ralph Kiddoo, B.A. (Wooster) 1899, B.D., M.A. (Princeton) 1913, 1914
Semitic Literature, Ancient and Oriental History, Philosophy.
(Schmidt, Westermann, Creighton, Albee) Aurora Ph.D.
- Higginson, William John, A.B. (Clark) 1921
Political and Social Science, Economics, American History.
(Willcox, Davenport, Hull) Hartford, Conn. Ph.D.
- Hileman, Joseph Leland, B.S. (Pennsylvania State) 1919
Agricultural Chemistry, Bacteriology. (Cavanaugh, Carpenter) Brooklyn M.S.
- Hilgert, Joseph Robert, B.S. (Kirksville) 1916, A.M. (Iowa) 1920
Finance, Economics, Political Science.
(English, Rogers, Davenport, Saby) St. Louis, Mo. Ph.D.
- †Hill, Leland Halsey, E.E. (Cornell) 1922
Electrical Eng., Physics (Chamberlain Gibbs), Floral Park M.E.E.
- Hitchcock, Raymond Owen, A.B. (Cornell) 1920
Histology and Embryology, Anatomy. (Kingsbury, Kerr) Lyons A.M.
- Hodson, Floyd, A.B. (Indiana) 1920
Economic Geology, Stratigraphy. (Ries, Harris) New Castle, Ind. A.M.
- Hoefel, Fred Schmidt, B.S. (Clemson) 1918
Industrial Engineering, Electrical Engineering. (Kimball, Chamberlain) Columbia, S. C. M.S.
- Holderman, William Frederick, B.S. (Cornell) 1921
German, Modern History. (Faust, Becker) New York City A.M.
- Hollis, William Carroll, B.S. (Cornell) 1921
Dairy Industry, Accounting. (Troy, English) Woodhaven M.S.
- Holmes, Ralph Maynard, A.B. (Maine) 1911, M.A. (Wesleyan) 1913
Experimental Physics, Theoretical Physics, Applied Electricity.
(Richtmyer, Kennard, Bedell, Merritt) Ellsworth, Me. Ph.D.
- Holtzclaw, Benjamin Clark, jr. B.A., M.A. (Oxford) 1917, 1920
History of Philosophy, Greek, Ethics
(Hammond Albee, Jones, Thilly) Perry, Ga. Ph.D.
- Honey, Edwin Earl, B.S. (Cornell) 1918
Plant Pathology, General Botany, Physical Chemistry.
(Fitzpatrick, Eames, Sharp, Briggs) Ithaca Ph.D.
- Hotchkiss, Herbert Vinton, B.S.C.E. (Pennsylvania) 1914, A.B. (Cornell) 1917
Early Nineteenth Century Poetry, Elizabethan Drama, Philosophy.
(Sampson, Adams, Creighton, Albee) Ithaca Ph.D.
- Houck, Robert Charles, B. Chem. (Cornell) 1921
Inorganic Chemistry, Industrial Chemistry, Physical Chemistry.
(Browne, Rhodes, Bancroft) Honeoye Falls Ph.D.
- Howlett, Freeman Smith, B.S. (Cornell) 1921
Pomology, Plant Physiology, Physical Chemistry.
(Heinicke, Curtis, Briggs) Knowlesville Ph.D.
- Huang, Pao Chao, B.S.C.E. (Govt. Inst. of Tech.) 1919
Railroad Engineering, Industrial Organization. (Barnes, Kimball) Kwantung, China M.C.E.

- Huckett, Hugh Cecil, B.S.A. (Ontario Agr.) 1919, A.M. (Cornell) 1921
Meadfoot, Cuckfield, England
- Systematic Entomology, Zoology, Economic Entomology.
(Johannsen, Reed, Herrick) Ph.D.
Cleveland, Ohio
- Hudson, Hoyt Hopewell, A.B. (Huron) 1911, A.M. (Denver) 1913
Elizabethan Literature, Public Speaking, Philosophy
(Adams, Drummond, Creighton, Albee) Ph.D.
Cleveland, Ohio
- Hulme, Harold, A.B. (Western Reserve) 1920
English History, Medieval European History, Modern European History.
(Notestein, Burr, Becker) Ph.D.
Rochester
- Huls, Raymond Theodore, B.S. (Cornell) 1922
Landscape Design, Plant Material. (Davis, Montillon) M.L.D.
Woodhaven
- Humphrey, Rufus Richard, A.B. (Mich. State Normal) 1917, A.M. (Cornell) 1920
Embryology and Histology, Zoology, Human Anatomy.
(Kingsbury, Reed, Kerr) Ph.D.
Ithaca
- Hungerford, Jay Clark, B.S. in Agr. (Cornell) 1905
Rural Education, Agricultural Economics. (Works, Boyle) M.S.
Pleasantville
- Hunter, Amy Louise, A.B. (Vassar) 1921
Foods and Nutrition, Histology. (Rose, Kingsbury) M.S.
Buffalo
- Huntsinger, Herbert Anthony, B.S. (Colgate) 1921
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
(Orndorff, Bancroft, Rhodes) Ph.D.
Owego
- Hyatt, James Mead, A.B. (Cornell) 1918
Experimental Physics, Theoretical Physics, Alternating Currents.
(Gibbs, Kennard, Bedell, Merritt) Ph.D.
Ithaca
- Hyde, Karl Clayton, A.B. (Indiana) 1915, A.M. (Cornell) 1921
Botany, Zoology, Plant Pathology. (Rowlee, Reed, Reddick) Ph.D.
- Illig, Rudolf F., jr., B.S. (Rutgers) 1920
Farm Management, Rural Education. (Babcock, Stewart) New York City
- *Jackson, Frederick Dewey, B.S. (Pennsylvania State) 1921
Adviser: W. C. Ballard. M.S. in Agr.
Pottstown, Pa.
- Jeffrey, Ralph Lent, B.A. (Acadia) 1921
Mathematical Analysis, Geometry. (Gillespie, Williams) Overton, N. S., Canada
- Jenks, Leon E., B.S., M.S. (Hamilton) 1905, 1908
Physical Chemistry, Analytical Chemistry, Organic Chemistry. A.M.
Ithaca
- Jennings, Burton Aaron, B.S. (Cornell) 1921
Rural Engineering, Rural Education. (Robb, Kruse) Ph.D.
Ithaca
- Jewett, Rexford Wilbur, B. Chem. (Cornell) 1917
Physical Chemistry, Organic Chemistry. (Bancroft, Briggs, Orndorff) M.S.
Fredonia
- Johnson, Edgar Blauvelt, B. Chem. (Cornell) 1915
Inorganic Chemistry, Organic Chemistry, Physical Chemistry. A.M.
Tarrytown
- Jolliffe, Charles Byron, B.S., M.S. (West Virginia) 1915, 1920
Experimental Physics, Theoretical Physics, Applied Electricity.
(Merritt, Kennard, Bedell) Ph.D.
Ithaca
- Jones, Fred LaFayette, A.B. (Furman) 1921
English, Philosophy. (Adams, Creighton) Ph.D.
Greenville, S. C.
- Jones, John Paul, B.S., M.S. (Maryland) 1918, 1921
Plant Physiology, Plant Breeding, Agronomy. A.M.
Davidsonville, Md.
- (Knudson, Bizzell, Love) Ph.D.
Ithaca
- Jones, Walter Paul, A.B. (Wabash) 1913
English Fiction, Philosophy, English Literature (Eighteenth Century).
(Sampson, Northup, Creighton, Albee, Prescott) Ph.D.
- Kahler, Herbert, B.S. (Washington) 1918
Experimental Physics, Mathematics, Theoretical Physics. Tacoma, Wash.
- (Merritt, Sharpe, Kennard) Ph.D.
New York City
- Kahn, Morris Hirscht, M.D. (Cornell) 1909
Physiology, Physiological Chemistry. (Lusk, Benedict) A.M.
New York City
- Kahn, Morton Charles, B.S. (Cornell) 1916
Preventive Medicine, Bacteriology, Physiological Chemistry.
(Torrey, Elser, Benedict) Ph.D.
Shanghai, China
- Kang, Shih Cheng, B.S.C.E. (Govt. Inst. of Tech.) 1919
Bridge Engineering, Industrial Engineering. (Jacoby, Kimball) M.C.E.
Denver, Colo.
- Keezer, Dexter Merriam, B.A. (Amherst) 1920
Economic Theory, Statistics, Philosophy.
(Davenport, Willcox, Creighton, Albee) Ph.D.
Binghamton
- Keller, John Calvin, B.S. (Colgate) 1921
Physical Chemistry, Inorganic Chemistry, Industrial Chemistry.
(Briggs, Bancroft, Dennis, Rhodes) Ph.D.
Columbia, Mo.
- Kendrick, Myron Slade, A.B., A.M. (Missouri) 1918, 1921
Agricultural Economics, Economic Theory, Political Science
(Boyle, Davenport, Saby) Ph.D.
Ithaca
- Kennard, Margaret Jarman, A.B. (Miss. State College for Women) 1911
English, Philosophy. (Sampson, Creighton) A.M.
Ithaca
- Kennedy, James Arthur, A.B. (Cornell) 1917
Sanitary Chemistry, Analytical Chemistry, Bacteriology and Pathology.
(Chamot, Cavanaugh, Moore) Ph.D.
Buffalo
- Kessel, Marcel Hartwig, A.B. (Cornell) 1921
English, Philosophy. (Sampson, Creighton) A.M.

- †Kinsey, Jennie, A.B. (Cornell) 1922
History, English. (Becker, Cooper)
- Kinsley, Carl, M.E. (Cornell) 1894
Honorary Fellow.
- Kinsman, Daniel Francis, B.S. (Cornell) 1921
Soil Technology, Geology. (Bizzell, Lyon, Ries)
- Kinsman, Russell Clough, B.S.E.E. (Alabama) 1921
Adviser: J. G. Pertsch, jr.
- Kirby, Robert Sterns, B.S. (New Mexico A. and M.) 1916, M.S. (Iowa) 1917
Plant Pathology, Chemistry, Pomology. (Barrus, Briggs, Chandler)
- Kirkpatrick, Ellis Lore, B.S.A. (Iowa State) 1914
Rural Organization, Farm Management, Economics and Statistics.
(Sanderson, Myers, Willcox)
- Klecka, Joseph, C.E. (Tech. Univ. of Czecho-Slovakia) 1917
Hydraulic Engineering, Bridge Construction. (Weber, Urquhart)
- Kline, Emil, A.B. (Cornell) 1920
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
(Orndorff, Briggs, Rhodes)
- Knapp, Ronald Glenn, B.S. (Cornell) 1920
Pomology, Rural Economy. (Heinicke, Babcock)
- Knight, Henry Granger, B.A., A.M. (Washington) 1902, 1904, Ph.D. (Illinois) 1917
Honorary Fellow.
- Knight, Neal William, B.S. in C.E. (Kentucky) 1920
Hydraulic Engineering, Bridge Engineering. (Seery, Urquhart)
- Kobayashi, Teiji, B. Eng. (Waseda) 1918
Electrical Engineering, Alternating Currents in Physics.
(Karapetoff, Kennard)
- †Koehler, Milton Alphonse, B.S. (Cornell) 1922
Poultry Husbandry, Agricultural Economics. (Heuser, Boyle)
- Koo, Mao Hsun, B.S. in C.E. (Govt. Inst. of Tech.) 1919
Bridge Engineering, Railroad Engineering. (Jacoby, Barnes)
- †Kriegsman, Edwin, A.B. (Cornell) 1922
Economics, Politics. (English, Saby)
- Kuo, Hsi Tang, B.S.A. (Purdue) 1921
Animal Husbandry, Poultry Husbandry. (Hinman, Harper, Heuser)
- Kvakan, Pavao, Eng. of Agr. (Royal High Agr. College) 1917
Plant Breeding, Physiology of Plants, Botany (Emerson, Curtis, Sharp)
- Kwei, Ming King, B.S.C.E. (Govt. Inst. of Tech.) 1921
Bridge Engineering, Railroad Engineering (Jacoby, Urquhart, Barnes)
- Kwit, Morris, B. S. (Cornell) 1921
Elizabethan Drama, Modern Drama (Adams, Sampson)
- Lacey, Harold Talbot, B.Chem. (Cornell) 1921
Organic Chemistry, Chemical Microscopy, Economic Geology.
(Orndorff, Ries, Chamot)
- Lake, John Frederick, B.S. (Cornell) 1921
Floriculture, Vegetable Gardening (Nehrling, White, Thompson)
- Lape, Frederick Henry, A.B. (Cornell) 1921
English Poetry, English Language, English History.
(Sampson, Northup, Notestein)
- *Larkin, John Vincent, B. Arch. (Cornell) 1920
Adviser: E. G. Davis.
- Larkin, Leo Joseph, A.B. (Cornell) 1921
Physical Chemistry, Industrial Chemistry. (Bancroft, Briggs, Rhodes)
- Larsen, Axel Martin, B.S.E.E. (Washington) 1918
Naval Architecture, Marine Engineering. (McDermott, Barnard)
- Lau, Kai Tso, B.A. (Canton Christian Coll.) 1920
Floriculture, Agricultural Chemistry. (Beal, Cross)
- Leister, Claude Willard, B.S. (Cornell) 1917
Ornithology, Systematic Zoology, Entomology.
(Allen, Wright, Needham)
- LeWorthy, George Edwin, B.S. (Hobart) 1915, B.S. (Cornell) 1917
Rural Education, Farm Management. (Works, Misner)
- Liddell, Anna Forbes, A.B. (North Carolina) 1918
Philosophy, English. (Creighton, Cooper)
- Liddell, Howard Scott, A.B., A.M. (Michigan) 1917, 1918
Physiology, Histology, Anatomy. (Simpson, Kingsbury, Kerr)
- Liddle, Albert Walker, A.B. (Cornell) 1920
English Literature, Old English, Philosophy
(Cooper, Monroe, Creighton, Albee)
- Lindsay, Daniel Curtis, A.B. (Cornell) 1921
Experimental Physics, Theoretical Physics. (Bidwell, Merritt)
- Lindsley, Luther Campbell, B.A. (William and Mary) 1908
Inorganic Chemistry, Chemical Microscopy, Agricultural Chemistry.
(Dennis, Chamot, Rhodes, Cavanaugh)
- Loesell, Clarence Michal, B.S. (Mich. Agr.) 1916
Rural Education, Farm Management.
(Eaton, Ferriss, Works, Misner)
- Loh, Kia Chu, B.S.E.E. (Govt. Inst. of Tech., China) 1914
Electrical Engineering, Alternating Currents.
(Karapetoff, Ballard)
- Hempstead
A.M.
Washington, D.C.
- Greene
M.S.
Brockport
- Ithaca
Ph.D.
South English, Iowa
- Ph.D.
Brno, Czecho-Slovakia
- M.C.E.
Hudson
- Ph.D.
Ithaca
M.S.
- Stillwater, Okla.
- Louisville, Ky.
M.C.E.
- Tokyo, Japan
- M.E.E.
Lynbrook
- M.S.
Kiangsu, China
- M.C.E.
New York City
- M.A.
Canton, China
- M.S. in Agr.
Krizevci, Jugo-Slavia
- Ph.D.
Shanghai, China
- M.C.E.
Brooklyn
- A.M.
Binghamton
- Ph.D.
Ithaca
- M.S. in Agr.
Esperance
- Ph.D.
Ithaca
- Ithaca
A.M.
- Parkland, Wash.
M.M.E.
- M.M.E.
Canton, China
- M.S. in Agr.
Ithaca
- Ph.D.
Waterville
- M.S. in Agr.
Charlotte, N. C.
- A.M.
Erie, Pa.
- Ph.D.
Argyle
- Ph.D.
Beaver, Utah
- A.M.
Manassus, Va.
- Ph.D.
Shiloh, N. J.
- M.S. in Agr.
Chicago, Ill.
- M.M.E.

- Long, Tudor Seymour, A.B. (Cornell) 1915
English, Philosophy, (Adams, Creighton)
- Loomis, Walter Earl, B.S. (Illinois) 1921
Vegetable Gardening, Plant Physiology. (Thompson, Curtis)
- Lu, En-Hsu, B.S. in C.E. (Pei Yang) 1919
Bridge Engineering, Railroad Engineering. (Jacoby, Barnes)
- Lufkin, Harold Marshall, A.B. (Cornell) 1915, B.D. (Phila. Divinity School) 1920
Mathematics, Psychology. (Carver, Weld)
- Lundie, Arnold Ernest, B.S. in Agr. (Univ. Cape of Good Hope) 1917, A.M. (Cornell) 1921
Idulywa Transkei, C. P., South Africa
- Economic Entomology, Insect Morphology, Insect Ecology.
(Herrick, Johannsen, Needham)
- Lung, Shun Yeu, B.S. in E.E. (Govt. Inst. of Tech.) 1920
Electrical Engineering, Power Engineering. (Karapetoff, Barnard)
- McBride, Charles Grover, B.S. (Penn. State) 1911
Marketing, Farm Management. (Babcock, Myers)
- McCabe, George Kehoe, B.A. (Yale) 1921
Economics, Finance, American History. (Slichter, English, Bretz)
- McConnell, James Asher, B.S. (Cornell) 1921
Agricultural Economics and Farm Management, Animal Husbandry.
(Babcock, Wing)
- McCorkle, Paul, B.A. (Ohio State) 1914
Physics, Mathematics. (Merritt, Gillespie)
- *McCormick, Mary Harriet, A.B. (Cornell) 1916
Adviser: R. M. Stewart.
- †McDonald, Fred Lemuel, A.B. (Cornell) 1922
Organic Chemistry, Physical Chemistry. (Orndorff, Briggs)
- McDuffie, Roy Oliver, A.B., B. Chem. (Cornell) 1918, 1920
Physical Chemistry, Inorganic Chemistry. (Briggs, Browne)
- McFeeters, Milo Crowe, A. B. (Geneva) 1910
Agronomy, Farm Management. (Bizzell, Myers)
- McGuire, Peter Stephen, A.B. (Cornell) 1904
American History, Political Science, Economics.
(Bretz, Saby, Davenport, Willcox)
- MacKellar, John Walter Beattie, A.B. (Cornell) 1918
English Literature, Philosophy, English Language.
(Cooper, Albee, Creighton, Monroe)
- Mackeown, Samuel Stuart, A.B. (Cornell) 1917
Experimental Physics, Theoretical Physics, Physical Chemistry.
(Richtmyer, Merritt, Briggs)
- McMullen, Eleanor Clara, A.B. (Cornell) 1920.
Zoology, Comparative Pathology and Bacteriology. (Reed, Moore)
- McNulty, Sarah Alice, A.B. (Cornell) 1920
Organic Chemistry, Sanitary Chemistry. (Orndorff, Chamot)
- Maier, William, B.S. (Cornell) 1917
Rural Education, Farm Management. (Works, Ferriss, Eaton, Boyle)
- *Man, Shu Sing, B.S. in E.E. (Hongkong) 1921
Adviser: V. Karapetoff.
- Manning, Wayne Eyer, A.B. (Oberlin) 1920
Botany (Mycology), Plant Pathology, Geology.
(Eames, Fitzpatrick, Ries)
- Markley, Alton LeFevre, B.S. (Washington State) 1919, M.S. (Cornell) 1921
Agricultural Chemistry, Industrial Chemistry, Physical Chemistry.
(Rice, Rhodes, Briggs)
- Martens, James Hart Curry, C.E. (Cornell) 1921
Petrography, Economic Geology. (Gill, Ries)
- Martin, Earl Albert, A.B., A.M. (Missouri) 1914, 1916
Morphology, Physiology, Embryology. (Stockard, Lusk, Chambers)
- Martin, Mabel Florence, B.A. (Mount Holyoke) 1918
Psychology, Mathematics, Physiology. (Titchener, Owens, Simpson)
- Martin, Roy Lofton, B.A. (Mississippi) 1921
Rural Education, Farm Management. (Works, Misner)
- Martin, William Clifford, B.A., M.A. (Western Univ., London) 1916, 1920
Literary Criticism, Medieval History, Greek.
(Cooper, Burr, Jones)
- Mason, Clyde Walter, B.A. (Oregon) 1919
Chemical Microscopy, Physical Chemistry, Crystallography and Mineralogy.
(Browne, Chamot, Bancroft, Gill)
- Mason, Elliott Butler, B. Arch. (Cornell) 1921
Architectural Design, History of Architecture. (Bosworth, Phelps)
- Massey, Margery Wheldon Leonard, B.A. (Wellesley) 1919
Plant Pathology, Botany. (Fitzpatrick, Eames)
- May, Frederick Arthur, A.B. (Cornell) 1920
Experimental Physics., Spectroscopy and Luminescence, Physical Chemistry.
(Richtmyer, Gibbs, Bancroft)
- Mayer, William Lyndon, B S. (Cornell) 1919
Rural Education, Poultry. (Works, Rice)
- Ithaca A.M.
Makanda, Ill. M.S.
Nanking, China M.C.E.
Parkesburg, Pa. A.M.
Ph.D.
Kwangsi, China M.E.E.
State College, Pa. M.S.
Chicago, Ill. Ph.D.
Ithaca M.S.
Troy M.S.
Indianapolis, Ind. A.M.
Cincinnati, Ohio A.M.
Dryden M.S. in Agr.
Buffalo Ph.D.
Blauvelt Ph.D.
Ithaca Ph.D.
Buffalo A.M.
Buffalo A.M.
Gloversville M.S. in Agr.
Canton, China Ambridge, Pa. Ph.D.
Bellingham, Wash. Ph.D.
Shrub Oak M.S.
Bethany, Mo. Ph.D.
West Springfield, Mass. Ph.D.
Puckett, Miss. M.S.
London, Ont., Canada Ph.D.
Eugene, Ore. Ph.D.
Milwaukee, Wis. M.Arch.
Oakland, Me. A.M.
Brooklyn Ph.D.
Durhamville M.S. in Agr.

- Meixner, Warren B., B.S. (Penn. State) 1913
Landscape Design, Plant Materials. (Davis, Montillon)
Philadelphia, Pa.
M.L.D.
- Mekeel, Amy Grace, A.B., A.M. (Cornell) 1910, 1919
Zoology, Botany, Entomology. (Reed, Eames, Johannsen)
Trumansburg
Ph.D.
- Merchant, Charles Henry, B.S. (Cornell) 1920
Agricultural Economics, Animal Husbandry. (Boyle, Savage)
West Monroe
M.S.
- Migrdichian, Vartkes, A.B. (Cornell) 1919
Physical Chemistry, Physics, Mathematics. (Briggs, Kennard, Hurwitz)
Rodosto, Turkey
Ph.D.
- Miller, C. Raymond, A.B. (Wabash) 1921
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
Crawfordsville, Ind.
Ph.D.
- Milligan, Lowell Haines, B. Chem. Eng., M.Sc. (Ohio State) 1916, 1917
Physical Chemistry, Physics, Micro-chemistry.
Columbus, Ohio
Ph.D.
- (Bancroft, Briggs, Merritt, Chamot)
Mills, Harold Strycker, B.S. (Cornell) 1917
Farm Crops, Farm Management. (Thompson, Myers)
Ithaca
M.S. in Agr.
- Mitchell, Dale Raymond, A.B. (Cornell) 1921
English Poetry, English History, American Literature.
Ithaca
Ph.D.
- (Sampson, Notestein, Prescott)
*† Mitchell, Frank Bradford, B.S. (Cornell) 1922
Brooklyn
Ph.D.
- Adviser: E. G. Davis.
Mohme, Erwin Theodore, B.A., M.A. (Wisconsin) 1919, 1920
Madison, Wis.
Ph.D.
- German Literature, German Philology, Modern European History.
(Faust, Andrews, Becker)
Norman, Okla.
Ph.D.
- Monnett, Victor Elvert, A.B. (Oklahoma State) 1912
Physical Geography, Economic Geology, Soil Technology.
(Gill, von Engeln, Ries, Bizzell)
Ph.D.
- Montellano, Pedro Lecaros, B. Agr. (Philippines) M.S. (Wisconsin) 1921
Boac, Marinduque, P. I.
Ph.D.
- Rural Education, Rural Sociology, Animal Husbandry.
(Works, Thompson, Maynard)
Concord, N. H.
Ph.D.
- Moody, Alden Howard, B.S. (New Hampshire) 1919
Inorganic Chemistry, Physical Chemistry, Industrial Engineering.
(Dennis, Briggs, Kimball)
Ph.D.
- Moon, Merl Perrott, A.B., M.S. (Cornell) 1915, 1920
Dairy Industry, Organic Chemistry, Biological Chemistry
Beaver Falls, Pa.
Ph.D.
- (Stocking, Orndorff, Sumner, Bodansky)
Moore, Roy Wallace, B.S. (Cornell) 1918
Silver Creek
Ph.D.
- Agricultural Chemistry, Chemical Microscopy, Inorganic Chemistry.
(Briggs, Cavanaugh, Chamot, Dennis)
Ph.D.
- Morisuye, Masa Masanabu, B.S. (California) 1921
San Francisco, Cal.
M.E.E.
- Electrical Engineering, Alternating Currents
(Karapetoff, Kennard)
Amsterdam
Ph.D.
- Morse, Charles Walter, B. Chem. (Cornell) 1921
Physical Chemistry, Industrial Chemistry, Analytical Chemistry.
(Bancroft, Briggs, Rhodes, Browne)
Ph.D.
- Morse, David Sherman, A.B., Pd.M. (New York Univ.) 1917, A.M. (Harvard) 1918
Denver
Ph.D.
- Analysis, Geometry, Physics. (Hurwitz, Sharpe, Snyder, Kennard)
Morton, Caroline, B.S. (Kans. State Agr.) 1906
Ithaca
M.S.
- Economics and Sociology, Agricultural Economics
(Willcox, Lauman)
Poplar Ridge
M.C.E.
- Mosher, Sydney Wood, C.E. (Cornell) 1917
Structural Engineering, Architectural Design.
(Urquhart, Bosworth)
Brooklyn
A.M.
- Moss, Abraham, M.D. (Cornell) 1903
Physiology, Pharmacology. (Lusk, Hatcher)
Honolulu, Hawaii
M.M.E.
- Mott-Smith, Stanley, M.E. (Cornell) 1919
Experimental Engineering, Power Engineering. (Sawdon, Barnard)
Lyons
M.S.
- *Multer, Hugh J., A.B. (Southern California) 1916
Adviser: Lewis Knudson.
Los Angeles, Cal.
Ph.D.
- Nafe, John Paul, A.B. (Colorado) 1911
Psychology, Physiology, Education. (Titchener, Simpson, Odgen)
Elizabeth City, N. C.
Ph.D.
- Nash, Thomas Palmer, A.B., M.A. (North Carolina) 1910, 1911
Physiological Chemistry, Histology and Embryology, Physiology.
(Benedict, Stockard, Lusk)
Rock Hill, S. C.
Ph.D.
- *Neely, Juanita, A.B. (S. C. Coll. for Women) 1911
Adviser: J. E. Rice.
Philadelphia, Pa.
Ph.D.
- Nelson, John Herbert, A.B. (Wofford) 1918
American Literature, English Literature, American History.
(Prescott, Adams, Bretz)
Philadelphia, Pa.
M.S.
- Nevin, Charles Merrick, B.S. in Mining Eng. (Penn. State) 1916
Economic Geology, Physical Geography. (Ries, Carlson)
Minneapolis, Minn.
Ph.D.
- Newhall, Allan Goodrich, B.S. (Minnesota) 1918
Plant Pathology, Plant Physiology, Physical Chemistry.
(Massey, Curtis, Briggs)
Merrimac, Mass.
A.M.
- Nichols, Madaline Wallis, A.B. (Mount Holyoke) 1918
French, Spanish. (Mason, Keniston)
Jacmel, Haiti
M.S. in Agr.
- Nicolas, Joseph Schiller, B.S.A. (Syracuse) 1921
Pomology, Soil Technology. (Heinicke, Bizzell)

- Nieman, Anton William Fredrik (Dutch Commercial School) 1907, (Southeastern Agr.) 1910, (Zurich) 1920 The Hague, Holland
- Economic Entomology, Plant Pathology, Insect Morphology. (Herrick, Massey, Whetzel, Johannsen) Ph.D.
- Nih, Tsing, B.S.E.E. (Govt. Inst. of Tech.) 1919 Shanghai, China
- Electrical Engineering, Heat-Power Engineering. (Pertsch, Barnard) M.E.E.
- Niinomi, Kunitaro, (Tokyo Normal College) 1908 Dairen, China
- Economic Geology, Physical Geography. (Ries, von Engeln, Gill) A.M.
- Nolin, Albert Raymond, M.E. (Cornell) 1921 Auburn
- Engineering Research, Industrial Engineering. (Diederichs, Kimball) M.M.E.
- Norris, Leo Chandler, B.S. (Cornell) 1920 Hornell
- Animal Husbandry, Organic Chemistry, Physical Chemistry. (Maynard, Orndorff, Briggs) Ph.D.
- Northrop, Paul Allen, B.S. (John B. Stetson Univ.) 1916 Tarpon Springs, Fla.
- Experimental Physics, Theoretical Physics, Alternating Currents. (Gibbs, Murdock, Bedell) Ph.D.
- Noyes, Bradford, jr., B.S. (West Virginia) 1920, M.S. (Cornell) 1922 Charleston, W. Va.
- Experimental Physics, Alternating Currents, Physical Chemistry. (Bidwell Murdock, Briggs) Ph.D.
- †O'Kell, Otto Clarence, B.S. in Eng. (Missouri) 1921 Excelsior Springs, Mo.
- Adviser: H. N. Ogden.
- Osborn, Jesse Otto, A.B. (Berea) 1917, A.M. (Kentucky) 1920 State College, Pa.
- Geometry, Analysis, Education. (Sharpe, Hurwitz, Odgen) Ph.D.
- †Overton, Warner Lawrence, A.B. (Cornell) 1922 Westfield
- Experimental Physics, Applied Electricity. (Merritt, Murdock) A.M.
- Paddon, William Wallace, B. Chem. (Cornell) 1921 Utica
- Physical Chemistry, Industrial Chemistry, Physics. (Bancroft, Briggs, Rhodes, Richtmyer) Ph.D.
- †Palmer, Helen Elizabeth, A.B. (Cornell) 1922 Catskill
- Chemistry, Bacteriology. (Chamot, Carpenter) M.S.
- Palmer, James Beckley, B.S. (Cornell) 1921 Oil City, Pa.
- Economic Entomology, Pomology. (Johannsen, Parrott, C. R. Crosby, D. J. Crosby) M.S.
- Parkinson, Harry Glen, A.B. (Waynesburg) 1911, B.S. in Agr. (Illinois) 1913 State College, Pa.
- Rural Education, Rural Social Organization. (Eaton, Sanderson) M.S.
- Parrish, Wayland Max, B. L. (Ohio Wesleyan) 1908 Excelsior, Minn.
- Public Speaking, English. (Drummond, Cooper) A.M.
- Peabody, George Eric, B.S. (Cornell) 1918 Wayland
- Rural Organization, Rural Economy. (Thompson, Lauman) M.S.
- †Peabody, Richard Hall, B.S. (Cornell) 1922 White Plains
- Dairy Industry, Agricultural Economics. (Troy, Babcock) M.S.
- Pearson, Arthur, B.A. (Denver) 1907 Denver, Colo.
- Politics, Economics. (Saby, Slichter) A.M.
- Pearson, Frank Ashmore, B.S.A. (Cornell) 1912 Urbana, Ill.
- Farm Management, Political Science, Agriculture Economics. (Warren, Davenport, Boyle) Ph.D.
- Pekary, Charlotte Helen, A.B., A.M. (Cornell) 1915, 1916 Brooklyn
- German Literature, German Philology, French. (Faust, Boesche, Mason) Ph.D.
- Pennington, Edgar Legare, A.B., LL.B. (Georgia) 1911, 1914 Homer
- Victorian Literature, Elizabethan Literature. (Northup, Adams) A.M.
- Pentland, Henry Bishop, B.S. in Arch. (Cornell) 1920 Cleveland, Ohio
- Architectural Engineering, Bridge Engineering. (Young, Burrows) M.Arch.
- Pepin, Auguste, B.A., B.S.A. (Laval) 1916, 1918 St. Jean, Deschollons, Que., Canada
- Soil Technology, Physical Geography, Physical Chemistry. (Bizzell, von Engeln, Ries, Briggs) Ph.D.
- Perry, Frank Richmond, B.S. (Cornell) 1916 Churchville
- Plant Pathology, Mycology, Plant Breeding. (Whetzel, Blodgett, Fitzpatrick, Myers) Ph.D.
- Peters, Amos William, A.M., Ph.D. (Harvard) 1901, 1903 Warren, Ohio
- Honorary Fellow.
- †Peters, Marion Emilie, A.B. (Barnard) 1922 Farmingdale
- English, Philosophy. (Sampson, Creighton) A.M.
- Phillips, Maurice Earl, B.S. in Agr. (West Virginia) 1920 Demarest, Ga.
- Entomology, Economic Entomology. (Johannsen, Herrick) M.S.
- Pierce, William Marion, A.B., M.S. (Cornell) 1918, 1920 Dunkirk
- Experimental Physics, Spectroscopy and Luminescence, Alternating Currents. (Murdock, Gibbs, Bedell, Richtmyer) Ph.D.
- †Pierstorff, Arthur Lewis, A.B. (Ohio State) 1919 Ithaca
- Plant Pathology, Plant Physiology, Pomology. (Massey, Curtis, Carrick) Ph.D.
- Pittman, Ernest Edgar, B.S. in Agr. (Kentucky) 1915 Mayfield, Ky.
- Dairy Industry, Bacteriology and Pathology, Organic Chemistry. (Stocking, Moore, Reddick, Orndorff) Ph.D.
- Plyler, James Williams, A.B. (Furman) 1913 Greenville, S. C.
- Economics, Accounting. (Davenport, English) A.M.
- Pope, Charles Edward, A.B. (Indiana State Normal) 1917, B.S.A.E. (Florida) 1921 Gainesville, Fla.
- Rural Education, Farm Management, Agricultural Economics. (Eaton, Ferriss Boyle) M.S.

- Poritsky, Abraham, B.S. (Cornell) 1920 Ithaca
Experimental Physics, Physical Chemistry. (Merritt, Briggs) M.S.
- Poritsky, Hillel, A.B. (Cornell) 1920 Ithaca
Experimental Physics, Mathematics, Theoretical Physics.
(Merritt, Hurwitz, Kennard) Ph.D.
- Potter, Mary Isabelle, B.S., M.L.D. (Cornell) 1917, 1919 Farmington, Conn.
Landscape Design, Elizabethan Literature, American Literature.
(Davis, Adams, Prescott) Ph.D.
- †Potter, Olin Chester, B.S. (Cornell) 1922 Collins
Rural Education, Agricultural Economics. (Stewart, Myers) M.S.
- Powell, Charles Kelly, B.S. (Oregon Agr.) 1916 Corvallis, Ore.
Poultry Husbandry, Farm Management. (Rice, Noble) M.S.
- †Powell, Desmond Stevens, A.B. (Cornell) 1922 Waverly
English Literature, Education. (Hebel, Ogden) A.M.
- Pratt, Harold Arthur, B.S. (Mass. Agr. College) 1917, M.S. (Cornell) 1921 Shrewsbury, Mass.
Floriculture, Landscape Art, Vegetable Gardening.
(Beal, White, Curtis, Thompson) Ph.D.
- Prellwitz, Edwin Mitchell, B.S. (Cornell) 1920 Peconic
Landscape Design, Planting. (Davis, Montillon) M.L.D.
- Price, Eva B., B.S. (Missouri) 1918 Ithaca
Plant Physiology, Animal Husbandry. (Curtis, Maynard) M.S.
- Price, Walter Van, B.S., M.S. (Cornell) 1920, 1921 Syracuse
Dairy Industry, Bacteriology, Organic Chemistry.
(Fisk, Stocking, Orndorff) Ph.D.
- Proebsting, Edward Louis, B.S. (California) 1918, M.S. in Agr. (Cornell) 1921 Medford, Ore.
Plant Physiology, Pomology, Physical Chemistry.
(Knudson, Heinicke, Briggs) Ph.D.
- †Quinlivan, Bernice Isabelle, A.B. (Cornell) 1922 Corning
English, Spanish. (Adams, Keniston) A.M.
- †Race, Hubert Hawley, E.E. (Cornell) 1922 Buffalo
Electrical Engineering, Physics. (Chamberlain, Gibbs) M.E.E.
- †Raiva, Simha, A.B. (Cornell) 1922 Bangkok, Siam
American History, Modern European History. (Hull, Becker) A.M.
- Raskin, Justin, C.E. (Louvain) 1921 Aerschot, Belgium
Electrical Engineering, Experimental Engineering.
(Karapetoff, Gage) M.E.E.
- Rasmussen, Myers Peter, B.S. (Cornell) 1919 Troy
Farm Management, Rural Economics, Economics.
(Myers, Boyle, Davenport) Ph.D.
- †Rawlins, Harold M., A.B. (Cornell) 1922 South Glens Falls
Microscopic Analysis, Industrial Chemistry. (Chamot, Rhodes) A.M.
- Raymond, Mark Lamberton, B.S. in Chem., M.S. (Grove City) 1921 Grove City, Pa.
Physical Chemistry, Industrial Chemistry. (Briggs, Bancroft, Rhodes) A.M.
- Rebert, Homer Franklin, A.B. (Franklin and Marshall) 1912 Littleton, Pa.
Latin, Greek, Ancient History. (Durham, Jones, Westermann) Ph.D.
- Reed, Robert Rentoul, B.S. (Washington and Jefferson) 1889 Ithaca
Electric Furnace, New Method of Firing Clay. (Bidwell, Ries) M.S.
- Reeves, Jeremiah Bascom, A.B. (North Carolina) 1909, A.M. (Yale) 1911 Sanford, N. C.
English Religious Lyric, Elizabethan Literature, Eighteenth Century Literature.
(Sampson, Northup, Adams, Prescott) Ph.D.
- Reid, Albert Clayton, A.B., A.M. (Wake Forest) 1917, 1918 Wake Forest, N. C.
Psychology, Physiology, Education. (Titchener, Simpson, Ogden) Ph.D.
- Reitz, William Walter, B.S., M.S. (Penn. State) 1911, 1914 Spring Mills, Pa.
Rural Education, Farm Management. (Eaton, Works, Misner) M.S. in Agr.
- Reynolds, Frederick William, B.S. in E.E. (Union) 1919 Schenectady
Experimental Physics, Theoretical Physics, Applied Electricity.
(Richtmyer, Murdock, Bedell, Kennard) Ph.D.
- Rhodes, Solomon Alhadeff, B.S. (Cornell) 1921 Ithaca
French, Spanish. (Mason, Keniston) A.M.
- Richmond, Donald Everett, A.B., M.S. (Cornell) 1920, 1921 Great Barrington, Mass.
Theoretical Physics, Alternating Currents, Spectroscopy.
(Kennard, Richtmyer, Bedell, Gibbs) Ph.D.
- †Roemer, Hubert Joseph, A.B. (Cornell) 1922 Toledo, Ohio
English Literature, English (Smith, Strunk) A.M.
- Roenne, Henry, B.S. (Cornell) 1921 Groton
Theory of Landscape Design, Architecture. (Davis, Phelps) M.L.D.
- Rowe, Mildred Eunice, A.B. (Mt. Holyoke) 1915 Concord, N. H.
Education, Mathematics. (Ogden, Sharpe) A.M.
- Rowlee, Silence, A.B. (Cornell) 1920 Ithaca
Botany, Zoology. (Rowlee, Reed) A.M.
- *Ryan, LeRay, B.S. (Syracuse) 1912 Dryden
Adviser: F. K. Richtmyer.
- Salvador, Faustino, B.C.E. (Ohio State) 1921 Columbus, Ohio
Sanitary Engineering, Sanitary Chemistry. (Ogden, Chamot) M.C.E.
- Sand, Austin Wertman William, B.S., M.S. (Cornell) 1920, 1921 Lockport
Floriculture, Landscape Art, Vegetable Gardening.
(Beal, Montillon, Curtis, Schneck) Ph.D.
- Sanders, Gerald DeWitt, B.A., M.A. (Wofford) 1918 Pageland, S. C.
English Literature, English Language, Dramatic Structure.
(Northup, Monroe, Sampson) Ph.D.

- Sandford, Craig, B.S. (Cornell) 1921
Poultry Husbandry, Pomology. (Kent, Heinicke) Flushing
Schofield, James Harry, M.S. in M.E. (Lewis Inst.) 1919, M.E. (Cornell) 1921 Chicago, Ill.
Experimental Engineering, Heat-Power Engineering.
(Diederichs, Barnard) M.M.E.
Scott, Merit, A.B. (Cornell) 1920 Glens Falls
Experimental Physics, Theoretical Physics, Mathematics.
(Gibbs, Kennard, Hurwitz) Ph.D.
Seemann, Herman Eastman, A.B. (Oberlin) 1921 Oberlin, Ohio
Experimental Physics, Applied Electricity. (Merritt, Bedell, Murdock) A.M.
Sewell, Dorothy Austin, A.B. (Smith) 1916 Walton
Histology and Embryology, Zoology. (Kingsbury, Reed) A.M.
†Seyfried, Francis Charles, B.S. (Cornell) 1922 Barnard
Advanced Design, Municipal Government. (Davis, Saby) M.L.D.
Shafraun, Eugenia, A.B. (Hunter) 1918 New York City
Philosophy, Zoology, Ethics. (Creighton, Albee, Reed, Thilly) Ph.D.
Shar, Chuan Shou, B.S. in C.E. (Govt. Inst. of Tech.) 1917 Shanghai, China
Railroad Engineering, Structural Engineering. (Barnes, Jacoby) M.C.E.
†Shear, Elmer Vanderzee, jr., B.S. (Cornell) 1922 Ravenna
Plant Pathology, Plant Physiology, Physical Chemistry.
(Massey, Curtis, Briggs) Ph.D.
Shellenberger, Rolfe, B.S. in M.E. (North Dakota) 1918, M.E. (Cornell) 1921 Ithaca
Experimental Engineering, Heat-Power Engineering. (Diederichs, Barnard) M.M.E.
Shen, Tsi Hwei, B.S. in Agr. (Cornell) 1921 Shanghai, China
Agricultural Chemistry, Organic Chemistry. (Cross, Orndorff) M.S. in Agr.
Shepard, John Berdan, B.S.A. (Cornell) 1907 Buffalo
Farm Management, Mechanics, Hydraulics. (Warren, Church) M.S. in Agr.
Sherwood, Mary Jean, A.B. (Vassar) 1918 Buffalo
Pomology, Farm Management. (McDaniels, Noble) M.S.
Sibley, Charles Kerr, B.S. (Cornell) 1920 Kingston
Limnology, Systematic Vertebrate Zoology, Agriculture.
(Needham, Wright, Embody) Ph.D.
Sikes, Earl Ray, A.B. (Trinity) 1915, A.M. (Pennsylvania) 1918 Greensboro, N. C.
Politics, Economics, American History (Saby, Davenport, Hull, Bretz) Ph.D.
Silcox, Charles Newell, B.S. (Mich. Agr.) 1920 Battle Creek, Mich.
Agronomy, Plant Physiology. (Bizzell, Knudson) M.S.
Simonds, Walter Wesley, B.S. (Cornell) 1921 Rochester
Silviculture, Forest Management. (Spring, Recknagel) M.F.
Simpson, Andrew, A.B. (Swarthmore) 1919 Darby Pa.
Industrial Engineering, Electrical Engineering.
(Kimball, Pertsch) M.S.
*Simpson, Leonard Percy, A.B. (College of City of New York) 1922 New York City
Adviser: J. Q. Adams.
Simpson, Sutherland Eric, A.B. (Cornell) 1921 Ithaca
Anatomy, Veterinary Pathology and Bacteriology
(Papez, Goldberg) A.M.
Skeen, John Hall, B.S. in E.E. (Georgia School of Tech.) 1919 Decatur, Ga.
Adviser: V. Karapetoff.
Slingerland, Kathryn Lillis, A.B. (Smith) 1918, A.M. (Cornell) 1919 Manchester, N. H.
Insect Morphology, Zoology, Embryology.
(Johannsen, Reed, Kingsbury) Ph.D.
Smart, Harold Robert, B.S. (Wesleyan) 1915, A.M. (Cornell) 1921 Searsport, Me.
Logic and Metaphysics, Ethics, Physics.
(Creighton, Albee, Thilly, Kennard) Ph.D.
Smit, Bernard, B. S. (Cornell) 1921 Cathcart, C. P., South Africa
Economic Entomology, Systematic Entomology. (Matheson, Bradley) M.S. in Agr.
Smith, Alice Louise, A.B. (Cornell) 1920 Cornwallville
English Literature, English Language. (Cooper, Monroe) A.M.
Smith, Christianna, A.B. (Mt. Holyoke) 1915, A.M. (Cornell) 1919 New Bedford, Mass.
Histology and Embryology, Pathology and Bacteriology, Physiology.
(Kingsbury, Moore, Simpson) Ph.D.
†Smith, Dorothy, A.B. (Stanford) 1922 Ithaca
English Literature, American Literature. (Adams, Prescott) A.M.
*Smith, Everdell Gillespie, B.S. (Cornell) 1921 Ithaca
Adviser: E. G. Misner.
Smith, George Hume, A.B. (Wabash) 1918 Ithaca
Botany, Mycology, Historical Geology. (Eames, Fitzpatrick, Harris) Ph.D.
Smith, Gilbert Brown Lorenzo, A.B. (Colgate) 1915, A.M. (Wisconsin) 1916 Ellicottville
Inorganic Chemistry, Analytical Chemistry, Agricultural Chemistry
(Dennis, Browne, Cavanaugh) Ph.D.
Sobol, Bernard, A.B. (Cornell) 1921 New York City
Economics, Philosophy. (Davenport, Creighton) A.M.
Souders, Josephine, A.B. (Cornell) 1916 Phillipsburg, N. J.
Physical Chemistry, Physics, Organic Chemistry.
(Briggs, Murdock, Orndorff) Ph.D.
Spencer, Leland, B.S. (Cornell) 1918 Elmira
Farm Management, Agricultural Economics, Economics.
(Myers, Boyle, Davenport) Ph.D.
†Spencer, Roy Clarence, A.B. (Cornell) 1922 Pennellville
Experimental Physics, Theoretical Physics, Mathematics.
(Richtmyer, Kennard, Sharpe) Ph.D.

- *Spriggs, Anne Wilson, B.A. (Mt. Holyoke) 1916 Washington, Pa.
 Adviser: C. L. Durham.
- Stacy, William Homer, B.S.A. (Iowa State) 1917 Osage, Iowa
 Farm Management, Agricultural Economics. (Myers, Boyle) M.S.
- Stainton, Walter Hutchison, A.B. (Cornell) 1922 Utica
 Experimental Physics, Theoretical Physics. (Richtmyer, Murdock) A.M.
- Stephenson, Hadley Carruthers, B.S., D.V.M. (Cornell) 1919, 1920 Ithaca
 Veterinary Surgery, Materia Medica. (Frost, Milks) M.S.
- Stotz, Charles Morse, B.Arch. (Cornell) 1921 Crafton Station, Pa.
 Architectural Design, Drawing and Modelling. M.Arch.
- Stratton, Mildred Elizabeth, B.A. (Wellesley) 1917 Ithaca
 Botany, Plant Pathology. (Schramm, Sharp, Massey) A.M.
- Stuckey, Jasper Leonidas, A.B., A.M. (North Carolina) 1918, 1920 Chapel Hill, N. C.
 Economic Geology, Mineralogy and Petrography, Stratigraphy.
- Sun, Kuo Feng, B.S. (Peking Govt. Univ.) 1916, A.M. (Cornell) 1919 Ph.D.
 Applied Electricity, Electrical Engineering, Physics. Fengtien, China
 (Bedell, Murdock, Karapetoff, Merritt) Ph.D.
- Suttle, Andrew Dillard, B.S.A. (Miss. A. and M. Coll.) 1915, M.S., M.S. Agr. (Cornell) 1920, 1921
 Plant Breeding, Soil Technology, Farm Crops. Louisville, Miss.
- Swan, William Franklin, B.S. in Ed. (Miss. A. and M. Coll.) 1920 Ph.D.
 Rural Education, Farm Management. Ruth, Miss.
- Swanson, Charles Oscar, A.B. (Carleton) 1899, M.S. in Agr. (Minnesota) 1905 Manhattan, Kans.
 Soil Technology, Physical Chemistry, Geology. M.S.
- Swezey, Fenton Hendy, B.Chem. (Cornell) 1921 Ph.D.
 Inorganic Chemistry, Physical Chemistry, Geology. Lockport
- †Swift, Freeman Robert, B.S. (Cornell) 1922 Ph.D.
 Entomology, Ornithology. (Herrick, Allen) Mount Vernon
- Tan, Shan Fan, B.Chem. (Cornell) 1920 M.S.
 Industrial Chemistry, Organic Chemistry, Industrial Organization. Tangshan, China
- Tang, Chi Yu, B.S. (Cornell) 1920, M.S. (Georgia) 1921 Ph.D.
 Farm Management and Agricultural Economics, Economics, Agricultural Education. Yangchow, Kiangsu, China
- †Tang, Tsai Chun, B.S. (Cornell) 1922 Ph.D.
 Plant Pathology, Plant Breeding. (Barrus, Fraser) Shanghai, China
- Tarris, Venia Laota, B.S. (Cornell) 1920 M.S.
 Systematic Entomology, Zoology. (Johannsen, Wright) Ithaca
- Thomas, Raymond Einnon, B.Chem. (Cornell) 1921 M.S.
 Chemical Microscopy, Industrial Chemistry, Mineralogy and Crystallography. * Yonkers
- Thomson, Alexander, A.B. (Bowdoin) 1921 Ph.D.
 Ancient History, Modern European History. (Westermann, Becker) Skowhegan, Me.
- Tobey, Marion Esther, B.S. (Elmira) 1908 A.M.
 Education, English (Jordan, Kruse, Cooper) Pine City
- Travis, Reed Pelton, B.S. (Cornell) 1920 A.M.
 Dairy Industry, Organic Chemistry. (Fisk, Orndorff) East Stroudsburg, Pa.
- Tressler, Mariorie Katharina, B.A. (Cornell) 1918 M.S.
 Inorganic Chemistry, Organic Chemistry, Physical Chemistry. Montpelier, Ohio
- Tsao, Ming-Luan, B.S.Ch.E. (Purdue) 1921 Ph.D.
 Physical Chemistry, Industrial Chemistry. (Bancroft, Briggs, Rhodes) Honan, China
- Tsou, Ngen Yung, B.S.C.E. (Govt. Inst. of Tech.) 1921 M.S.
 Sanitary Engineering, Highway Engineering. (Ogden, Conwell) Peking, China
- Tukey, Harold Bradford, B.S., M.S. (Illinois) 1918, 1920 M.C.E.
 Pomology, Plant Physiology, Physical Chemistry. (Chandler, Curtis, Briggs) Geneva
- Tung, Shih Tsin, B.S. (Peking Govt. Agr. Coll.) 1920 Ph.D.
 Soil Technology, Rural Economy. (Bizzell, Wilson, Boyle) Tienkiang, China
- Tyndall, Edward Philip Theodore, B.A. (Richmond) 1912 M.S.
 Experimental Physics, Theoretical Physics, Mathematics. Richmond, Va.
- Valentine, Byron Warren, A.B., A.M., (Colgate) 1901, 1915 Ph.D.
 Rural Education, Social Science, Psychology. (Brim, Willcox, Weld) Hoosick Falls
- Van Allan, George Raymond, A.B. (Cornell) 1919 Ph.D.
 Poetry, Old English. (Sampson, Monroe) Ithaca
- Van Alstyne, Walter Kent, A.B. (Cornell) 1921 A.M.
 Anatomy, Physiology. (Kerr, Simpson) Afton
- Van Winkle, Katherine, B.S. (Washington) 1918 A.M.
 Paleontology, Stratigraphy, Systematic Zoology. Oakville, Wash.
- Van Zandt, Fanny Brice, B.S. (Cornell) 1921 Ph.D.
 Landscape Art, Fine Arts. (Montillon, Chamberlain) Ithaca
- Varley, James Richard, D.V.M. (Cornell) 1920 M.S.
 Surgery, Physiology. (Frost, Fish) Greenwich

- Vaughn, Richard Owen, B.S. (Miss. A. and M.) 1915
Farm Management, Animal Husbandry. (Misner, Savage, Hinman)
Caledonia, Miss.
*Vial, Edmund Ellsworth, B.S. (Illinois) 1922
M.S. in Agr.
Adviser: M. W. Harper. La Grange, Ill.
- Vieweg, Hermann Frederick, B.Chem. (Cornell) 1921
Physical Chemistry, Mineralogy and Crystallography, Physics.
Ithaca
(Bancroft, Briggs, Gill, Richtmyer)
Ph.D.
†Vizioli, Jose, Agronomo (Escola Agricola Piracicaba) 1917
Sao Paulo, Brazil
Adviser: H. M. Fitzpatrick.
- Vogel, Irvin Henry, B.S., M.S. (Iowa State) 1916, 1917
Ithaca
Plant Pathology, Botany, Entomology. (Massey, Schramm, Matheson)
Ph.D.
von Abo, Cecil Vivian, B.A. (Grey Univ. Coll.) 1913, B.Sc., M.A. (Cape Town) 1917, 1919
Parys O.F.S., South Africa
- Bridge Engineering, Applied Mechanics, Mathematics.
Ph.D.
(Jacoby, Rettger, Sharpe)
Vong, Pao Ling, B.S.C.E. (Govt. Inst. of Tech.) 1920
Shanghai, China
Railroad and Highway Engineering, Hydraulic Engineering.
M.C.E.
(Barnes, Seery) Spencer
- Vose, Richard Shepard, B.S.Chem. (Rutgers) 1920
Organic Chemistry, Inorganic Chemistry, Physical Chemistry.
Ph.D.
(Orndorff, Dennis, Browne, Bancroft)
Honan, China
Wang, Cho, B.S. (California) 1921
Pomology, Genetics, Plant Physiology.
Ph.D.
(Heinicke, Hutchison, Knudson)
Wang, Hsun Tsai, B.S. in C.E. (Tangshan Engineering College) 1920
Chefoo, China
Sanitary Engineering, Hydraulic Engineering. (Ogden, Seery)
M.C.E.
Wang, Tsen Shih, B.S.C.E. (Govt. Inst. of Tech.) 1920
Shanghai, China
Railroad and Highway Engineering, Industrial Engineering.
M.C.E.
(Barnes, Kimball)
Wang, Yu Kwang, B.S.C.E. (Govt. Inst. of Tech.) 1920
Shanghai, China
Bridge Engineering, Railroad and Highway Engineering.
M.C.E.
(Urquhart, Jacoby, Barnes)
Wang, Yuen Ling, B.S.C.E. (Govt. Inst. of Tech.) 1920
Shanghai, China
Bridge Engineering, Highway Engineering. (Jacoby, Urquhart, Conwell)
M.C.E.
Ward, Nairne Forsythe, M.E. (Cornell) 1921
Lockport
Engineering Research, Machine Design. (Diederichs, Albert)
M.M.E.
Warrick, Louis Frederick, B.S.Ch.E. (West Virginia) 1921
Morgantown, W. Va.
Sanitary Engineering, Experimental Engineering.
M.S.
(Browne, Chamot, Gage)
Weeks, Lester Frank, B.S. (Colby) 1915, M.A. (Harvard) 1920
Randolph, Me.
Physical Chemistry, Organic Chemistry, Inorganic Chemistry.
Ph.D.
(Bancroft, Orndorff, Dennis)
Weiss, Herbert Albert Julius, B.M.E. (Cornell) 1912
Rochester
Experimental Engineering Research, Industrial Engineering.
M.M.E.
(Sawdon, Albert)
Welch, Donald Stuart, B.S. (Maine) 1917
Norway, Me.
Mycology, Plant Pathology, Botany.
Ph.D.
(Fitzpatrick, Whetzel, Massey, Eames)
Wertz, Audrey Murphy, A.B. (Nebraska) 1917
Ithaca
French, Spanish. (Mason, Keniston)
A.M.
Wertz, Cyril J., B.S.E.E. (Nebraska) 1917
Richland, Nebr.
Electrical Engineering, Power Plant. (Chamberlain, Barnard)
M.S.
West, Luther Shirley, B.S. (Cornell) 1921
Owego
Economic Entomology, Systematic Entomology, Histology and Embryology.
Ph.D.
(Matheson, Needham, Bradley, Kingsbury)
Westcott, Cynthia, A.B. (Wellesley) 1920
North Attleboro, Mass.
Plant Pathology, Physical Chemistry, Plant Physiology.
Ph.D.
(Massey, Briggs, Curtis)
Whittemore, Van Crampton, B.S. (Cornell) 1916
Collins Center
Rural Education, Farm Management, and Agricultural Economics.
M.S.
(Stewart, Eaton, Boyle)
Wichens, Herbert August, A.B. (Cornell) 1916
Brooklyn
English, Old English, Philosophy. (Cooper, Monroe, Creighton, Albee)
Ph.D.
*Wickes, Francis Allen, B.S. (Cornell) 1921
Ticonderoga
Adviser: R. M. Stewart.
- Wilkerson, William Velpoe, B.A. (Ohio) 1921
Chelyan, W. Va.
Histology and Embryology, Physiology. (Kingsbury, Simpson)
M.S.
Williams, Ruth Gladys, B.A. (Pomona) 1919, A.M. (Cornell) 1921
La Verne, Cal.
Botany, Zoology, Geology. (Eames, Wright, Harris)
Ph.D.
Williamson, Janet Agnes, A.B. (Brown) 1918
Newport, R. I.
Histology and Embryology, Pathology and Bacteriology.
A.M.
(Kingsbury, Moore)
Willisford, Laverne Harold, B.S. (Colgate) 1921
Dryden
Physical Chemistry, Inorganic Chemistry, Industrial Chemistry.
Ph.D.
(Briggs, Bancroft, Dennis, Rhodes)
Willison, Dorothy, A.B. (Cornell) 1920
Huntington, W. Va.
Organic Chemistry, Agricultural Chemistry, Spectroscopic Chemistry.
Ph.D.
(Orndorff, Rice, Papish)
Willson, David Harris, B.S. (Haverford) 1921
Haddonfield, N. J.
English History, European History. (Notestein, Becker)
A.M.

- Wilson, Amy Anita, A.B. (Vermont) 1910 Bethel, Vt.
Ancient History, Modern European History. (Westermann, Becker) A.M.
- Wilson, Carl Louis, A.B. (Denver) 1919, A.M. (Cornell) 1921 Lorain, Ohio
- Botany, Plant Pathology, Entomology
(Eames, Whetzel, Fitzpatrick, Needham) Ph.D.
- Wilson, Graham Eugene, B.S.A. (Wisconsin) 1916 Mayville, N. Dak.
Rural Education, Farm Management, (Works, Boyle) M.S. in Agr.
- Winters, Nathaniel Elmer, B.S. (Oklahoma) 1911, M.S. (Texas A. and M.) 1918 Charlotte, N. C.
Soils, Farm Crops, Chemical Microscopy. (J. K. Wilson, Wiggins, Chamot) Ph.D.
- Wolff, Irving, B.S. (Dartmouth) 1916 New York City
Theoretical Physics, Mathematics, Experimental Physics.
- (Kennard, Hurwitz, Murdock) Ph.D.
- †Wolfrom, Carlos Eugenio, B.S. (Cornell) 1922 Ithaca
Bacteriology, Organic Chemistry. (Stocking, Orndorff) M.S.
- Wood, Hilton Gerard, B.Chem. (Cornell) 1921 Stamford, Conn.
Physical Chemistry, Industrial Chemistry, Economic Geology.
- (Briggs, Bancroft, Rhodes, Ries) Ph.D.
- †Woodward, Harold Stone, C.E. (Cornell) 1922 Worcester, Mass.
Bridge Engineering, Sanitary Engineering. (Urquhart, Ogden) M.C.E.
- Wu, Chenfu Francis, B.S., M.A. (Soochow) 1917, 1919 Shanghai, China
Limnology, Economic Entomology, Insect Morphology.
- (Needham, Herrick, Johannsen) Ph.D.
- †Yang, Shao Tseng, B. Chem. (Cornell) 1922 Shanghai, China
Organic Chemistry, Physical Chemistry. (Orndorff, Briggs) M.S.
- Yerkes, May Ruth, A.B. (William Smith) 1915 Romulus
Literary Criticism, Old English, Medieval History.
- (Cooper, Monroe, Smith) Ph.D.
- Young, Catharine Elizabeth, A.B. (Smith) 1921 Akron, Ohio
English History, Modern European History. (Notestein, Becker) A.M.
- Young, Helen Hawthorne, A.B. (Boston) 1919 Campbell, Mass.
History of Philosophy, Ethics. (Hammond, Creighton, Thilly) A.M.
- Young, John Paul, B.S. in Arch., M.E. (Cornell) 1894, 1897 Pittsburgh, Pa.
Botany, Forestry, Geology. (Rowlee, Spring, Harris) Ph.D.
- Yu, Chien Loh, B.S.E.E. (Govt. Inst. of Tech.) 1919 Shanghai, China
Electrical Engineering, Heat-Power Engineering. (Pertsch, Barnard) M.E.E.
- Yu, Henry, B.S. in C.E. (Tangshan Engineering Coll.) 1920, M.C.E. (Cornell) 1922 Shanghai, China
Bridge Engineering, Railroad and Highway Engineering. (Urquhart, Jacoby, Barnes) M.C.E.

STUDENTS REGISTERED FOR GRADUATE WORK DURING THE SUMMER OF 1921

Abell, Max Flavel, B.S. (Cornell) 1914	Phoenix
Farm Management, Farm Crops, Botany.	
(Misner, Wiggans, Wiegand)	Ph.D.
Adams, Annie Alvira, A.B. (Brown) 1917	North Attleboro, Mass.
French, Philosophy. (Guerlac, Thilly)	A.M.
Adelmann, Howard Bernhardt, A.B. (Cornell) 1920	Buffalo
Histology and Embryology, Anatomy. (Kingsbury, Kerr)	A.M.
Allen, Mavea Geraldine, B.S. (Colorado Agr.) 1915	Denver, Colo.
Poultry Husbandry, Agricultural Chemistry.	
(Benjamin, Cavanaugh)	M.S.
Amen, Elizabeth Wheeler, A.B. (Vassar) 1907	Poughkeepsie
Psychology, Physiology. (Dallenbach, Simpson)	A.M.
Anderson, Charles Breckenridge, B.Ped. (Berea) 1914	Orlando, Ky.
Rural Education, Rural Social Organization.	
(Works, Sanderson)	M.S.
Andrews, William Alexander, A.B. (Cornell) 1917	Woodhaven
Psychology, Education. (Dallenbach, Ogden)	A.M.
Apgar, William Burnet, B.S. (Cornell) 1921	Madison, N. J.
Forest Administration, Silviculture. (Recknagel, Spring)	M.F.
Bacon, Francis Niles, A.B. (Colgate) 1917	Hamilton
Latin, Education. (Durham, Ogden)	A.M.
Baird, Alfred Briggs, B.S.A. (Ontario Agr.) 1916	Fredericton, N. B., Canada
Histological Entomology, Systematic Entomology.	
(Johannsen, Bradley)	M.S.
Barney, Archie Fay, B.S. Agr. (Utah Agr.) 1920	Logan, Utah
Plant Breeding, Plant Physiology, Soil Technology.	
(Love, Knudson, Bizzell)	Ph.D.
Barton, William Harvey, B.A. (Arkansas) 1913	Okmulgee, Okla.
Organic Chemistry, Analytical Chemistry. (Orndorff, Browne)	M.S.
Bayne, Thomas Levingston, B.S. Agr. (N. Carolina State) 1914	New York City
Rural Education, Rural Social Organization. (Works, Sanderson)	M.S.
Becker, Joseph Adam, A.B. (Cornell) 1918	Ithaca
Experimental Physics, Theoretical Physics, Mathematics.	
(Richtmyer, Kennard, Hurwitz)	Ph.D.
Bishop, Morris Gilbert, A.B., A.M. (Cornell) 1913, 1914	Yonkers
French, Spanish, Italian. (Mason, Keniston)	Ph.D.
Bottomly, Myrl E., B.S. (Michigan Agr.) 1916	Independence, Ohio
Landscape Design, Plant Materials and Their Use.	
(Davis, Curtis)	M.L.D.
Boynton, Alice A., B.S. (Cornell) 1918	Cuba
Food Chemistry, Physical Chemistry. (Cross, Briggs)	M.S.
Bradley, Robert Claud, A.B., B.S. (Central Missouri Teachers') 1920	Huntsville, Mo.
Pomology, Poultry Husbandry. (Heinicke, Rice)	M.S.
Brandes, George Henry, B.Chem. (Cornell) 1918	Oswego
Physical Chemistry, Analytical Chemistry, Economic Geology.	
(Briggs, Dennis, Ries)	Ph.D.
Brittain, William Harold, B.S.A. (McGill) 1911, M.S. Agr. (Cornell) 1920	Truro, N. S., Canada
Economic Entomology, Insect Morphology, Biology.	
(Matheson, Johannsen, Needham)	Ph.D.
Brown, Lynn Eugene, B.S. (New York Univ.) 1916	Cortland
Education, Psychology. (Ogden, Dallenbach)	A.M.
Brown, Mildred Leah, B.O.E. (Syracuse) 1919	Saranac Lake
Public Speaking, English. (Drummond, Cooper)	A.M.
Brownell, Grace Alvira, B.A. (Smith) 1917	Mattapoisett, Mass.
Latin, Philosophy. (Durham, Creighton)	A.M.
Bruce, William French, B.S. in Agr. (Ohio State) 1911	Columbus, Ohio
Rural Education, Education. (Works, Ogden)	M.S. in Agr.
Bull, Arthur Walker, B.Chem. (Cornell) 1919	Ithaca
Physical Chemistry, Microscopy, Industrial Engineering.	
(Briggs, Chamot, Kimball)	Ph.D.
Burroughs, Ambrose Matson, B.S. (Cornell) 1920	Albion
Pomology, Economic Entomology. (Hedrick, Chandler, Matheson)	M.S.
Buy, John Levenus, B.S., M.S. (Cornell) 1919, 1921	Sodus Point
Systematic Entomology, Economic Entomology, General Zoology.	
(Johannsen, Matheson, Reed)	Ph.D.
Card, Leslie Ellsworth, B.S. (Cornell) 1914	Sylvania, Pa.
Poultry Husbandry, Farm Management, Marketing.	
(Rice, Warren, Boyle)	Ph.D.
Carlson, Fred Albert, B.S. (Mass. Agr.) 1918	Pittsfield, Mass.
Soil Technology, Geology, Farm Crops.	
(Bizzell, Ries, von Engeln, Wiggans)	Ph.D.
Champlin, Pearl Edith, B.S. (Cornell) 1920	Oneida
Rural Education, Rural Social Organization. (Works, Sanderson)	M.S.
Clark, Arthur Lincoln, B.S. (Cornell) 1921	Jamaica Plain, Mass.
Limnology, Forestry. (Needham, Embody, Recknagel)	M.S.

- Clum, Harold Haydn, A.B. (Oberlin) 1917
Plant Breeding, Plant Pathology, Physical Chemistry. Cleveland Heights, Ohio
(Curtis, Massey, Briggs) Ph.D.
- †Coggins, James Kirk, B.S. (N. Carolina State Coll.) Cary, N. C.
Adviser: T. H. Eaton.
- Colcord, Marian Leota, A.B. (Mt. Holyoke) 1914 Coudersport, Pa.
English, Public Speaking. (Strunk, Drummond) A.M.
- Coleman, Mary Virginia, A.B. (Transylvania) 1919 Murray, Ky.
French, Spanish. (Mason, Keniston) A.M.
- Colsten, Alden, B.S. (Cornell) 1921 Binghamton
Rural Engineering, Agricultural Chemistry. (Fairbanks, Cavanaugh) M.S.
- Cookingham, Waldo Beale, B.S. (Cornell) 1916 Ellenville
Rural Education, Farm Management. (Works, Kruse, Warren) M.S. in Agr.
- Cooper, Herbert Press, B.S. (Clemson Agr.) 1911, M.S. (Wisconsin) 1915 State College, Pa.
Plant, Breeding, Farm Crops, Soil Technology. Ph.D.
- (Love, Wiggins, Bizzell) Greensboro, N. C.
- Cooper, Stewart Rochester, B.S. (Howard) 1916 M.S.
Chemistry, Mathematics. (Browne, Craig) Barbertain, Ohio
- Corey, Robert Brainard, B.Chem. (Pittsburgh) 1919 Ph.D.
Inorganic Chemistry, Chemical Microscopy, Physical Chemistry. Binghamton
- (Dennis, Chamot, Briggs)
- †Cornell, Ferris Dewey, B.S. (Syracuse) 1921 Ithaca
Adviser: F. L. Fairbanks. A.M.
- Culley, Paul Gamber, A.B. (Cornell) 1921 Grafton, W. Va.
Physiology, English. (Simpson, Broughton)
- Dadisman, Andrew Jackson, B.S. Agr. (W. Virginia) 1914, M.S. in Agr. (Cornell) 1914
Farm Management, Political Science, Rural Organization. Ph.D.
- (Warren, Willcox, Sanderson) Dublin, Va.
- †Darst, Edward Gilmer, A.B. (Hampden-Sidney) 1917
Adviser: H. E. Howe.
- Davidson, Allan Park, B.S. in Agr. (Kansas State Agr.) 1914 Manhattan, Kans.
Rural Education, Rural Social Organization, (Works, Sanderson) M.S. in Agr.
- Dearth, Otto Art, B.S. in Ed. (Ohio) 1920 Summerfield, Ohio
Histology and Embryology, Human Anatomy. (Kingsbury, Kerr) A.M.
- Deck, Clara Mae, A.B. (Ursinus) 1912 West Leesport, Pa.
American History, Modern European History. (Bretz, Becker) A.M.
- deForest, Mulford David, A.B. (Union) 1916, B.S. (Cornell) 1921 Schenectady
Animal Husbandry, Poultry Husbandry. (Savage, Kent) M.S.
- Demerec, Milislav, Eng. in Agr. (Royal High Agr. Coll.) 1915 Krizevci, Jugo-Slavia
Plant Breeding, Plant Physiology, Plant Pathology. Ph.D.
- (Emerson, Curtis, Massey) New Orleans, La.
- †Dietze, Charlotte Amy, B.A. (Sophie Newcomb) 1919
Adviser: R. W. Curtis.
- Dikeman, Raymond Charles, B.S. (Cornell) 1921 Forestville
Pomology, Farm Crops, Plant Physiology. Ph.D.
- (Heinicke, Hardenburg, Curtis) Dresden, Ohio
- Dorsey, Ernest, B.S. (Minnesota) 1916
Plant Breeding, General Botany, Physical Chemistry. Ph.D.
- (Love, Sharp, Briggs) Nassawadox, Va.
- Downing, Thomas Victor, B.S. (Maryland State) 1920 M.S.
Rural Education, Farm Management. (Works, Misner) Lima
- Doyle, Horace Mills, B.S. (Cornell) 1913 M.S. in Agr.
Rural Education, Farm Management. (Works, Misner) Falls Creek, Pa.
- Dufford, Clair, B.S. (Pennsylvania State) 1917 M.S. in Agr.
Rural Education, Rural Social Organization. (Works, Sanderson) Ithaca
- English, Leah, B.S. (Cornell) 1918 M.S.
Food Chemistry, Physical Chemistry. (Cross, Briggs)
- Esquivel, Prudencio F., B.S.C.E. (Philippines) 1919, M.S. in C.E. (California) 1921 Jaen, Nueva Ecija, P. I.
- Experimental Hydraulics, Concrete Construction, Hydraulic Engineering. Ph.D.
- (Schoder, Urquhart, Seery) Fisher's Ferry, Pa.
- Eyster, Lewis Arthur, A.B. (Bucknell) 1917, M.S. in Agr. (Cornell) 1920
Plant Breeding, Farm Crops, Plant Physiology. Ph.D.
- (Emerson, Wiggins, Curtis) Cranberry Creek
- Farr, Muriel Eldra, A.B. (Cornell) 1920 A.M.
German Literature, German Philology, (Faust, Pope, Andrews)
- Fitzgerald, Nugent Edmund, B.S. in Ed., B.S. in Agr. (Missouri) 1915, 1917 Knoxville, Tenn.
Rural Education, Rural Social Organization. M.S. in Agr.
- (Works, Sanderson) New York City
- Fox, Mary M., A.B. (Vassar) 1917 A.M.
Education, Psychology. (Ogden, Dallenbach)
- Franco, Felix, B.S.F. (State Univ. of Montana) 1921 Mexico, Pampanga, P. I.
Forest Management, Silviculture. (Recknagel, Spring) M.F.
- Frederiksen, Torvald, Ph.B. (Chicago) 1920 Hamilton
Mathematics, Philosophy. (Snyder, Creighton) A.M.
- Fronza, Francisco Mamaclay, B.Agr. (Philippines) 1919, M.S. (Cornell) 1920 Aliaga, Nueva Ecija, P. I.
- Poultry Husbandry, Animal Husbandry, Comparative Pathology and Bacteriology. Ph.D.
- (Heuser, Maynard, Moore)

- Gabriel, Harry S., B.S., M.S. (Cornell) 1915, 1920
Agricultural Economics, Rural Education, Economics.
(Warren, Works, Davenport) Watkins
Ph.D.
South Bend, Ind.
- Gillis, Merl Conrad, B.S. in Agr. (Purdue) 1917
Plant Breeding, Plant Physiology, Farm Crops.
(Bussell, Curtis, Hardenburg) Ph.D.
Ithaca
- Gilman, Herbert, D.V.M., M.S. (Cornell) 1917, 1920
Veterinary Bacteriology, Veterinary Obstetrics, Vertebrate Embryology.
(Hagan, Moore, Birch, Kingsbury) Ph.D.
Summit, N. J.
- Goodelle, Marie Lake, A.B. (Syracuse) 1915
American History, European History. (Bretz, Becker) A.M.
Brooklyn
- Gottschalk, Louis, A.B., A.M. (Cornell) 1919, 1920
Modern European History, Medieval History, Ancient History.
(Becker, Burr, Westermann) Ph.D.
Kenilworth, N. J.
- Gow, Grace Marie, A.B. (Upsala) 1917
Biology, Rural Education. (Needham, Works) M.S.
Richmond, Va.
- Graham, Vi Arvin, A.B., A.M. (Cornell) 1917, 1918
Biochemistry, Organic Chemistry. (Sumner, Orndorff) M.S.
Damascus, Va.
- Graybeal, Henry Clay, B.A. (Emory and Henry) 1913
Rural Education, Rural Economy. (Works, Ferriss, Lauman) M.S.
Suffern
- Greeve, Guy Shepard, A.B. (Hobart) 1920
English Language, English Literature. (Monroe, Northup) A.M.
Utica
- Griffiths, Horace Burlingham, B.S. (Alfred) 1916
Rural Education, Education. (Works, Ogden) A.M.
Gainesville, Fla.
- Grimm, Jay John, B.S. (Grinnell) 1910
Plant Physiology, Plant Morphology and Cytology, Physical Chemistry.
(Curtis, Knudson, Sharp, Briggs) Ph.D.
Savannah, Tenn.
- †Haley, Simon Alexander, B.S.A. (N. Carolina Negro Agr. and Tech. Coll.) 1918
Adviser, J. E. Rice. Parkersburg, W. Va.
M.S. in Agr.
Ithaca
- Hall, Goldan Orlando, B.Sc. Agr. (West Virginia) 1921
Poultry Husbandry, Rural Economy. (Kent, Boyle) M.S. in Agr.
Ithaca
- Hance, Francis Eval, B.Chem. (Cornell) 1921
Inorganic Chemistry, Physical Chemistry, Industrial Chemistry.
(Dennis, Bancroft, Rhodes) Ph.D.
Stillwater, Okla.
- †Harnden, George Millard, B.S. in Agr. (Okla. A. and M.) 1917
Adviser: G. A. Works. Stillwater, Okla.
- Harris, Hurshel Irvin, B.S. in Agr. (Miss. A. and M.) 1921
Rural Education, Rural Social Organization. (Eaton, Sanderson) McHenry, Miss.
M.S.
- Harrison, Thomas Perrin, jr., A.B. (North Carolina) 1918
English Literature, English Language. (Adams, Monroe) West Raleigh, N. C.
A.M.
- Hart, Van Breed, B.S. (Cornell) 1916
Farm Management, Economics, Animal Husbandry.
(Warren, Davenport, Savage) McLean
Ph.D.
- Harwood, Robert Daniel, B.A. (Pomona) 1920
Economic Entomology, Plant Physiology. (Herrick, Curtis) Claremont, Cal.
M.S.
- Henderson, Lena Bondurant, B.S. (Tennessee) 1908
Taxonomy of Plants, Plant Physiology. (Eames, Curtis) Knoxville, Tenn.
M.S.
- Herbert, Paul Anthony, B.S. (Cornell) 1921
Silviculture, Forest Management. (Spring, Recknagel) New York City
M.F.
- Holt, Evelyn, A.B. (Wellesley) 1919
Anatomy, Histology and Embryology. (Kerr, Papez, Kingsbury) Summit, N. J.
A.M.
- Honey, Edwin Earl, B.S. (Cornell) 1916
Plant Pathology, General Botany, Physical Chemistry.
(Whetzel, Fitzpatrick, Eames, Sharp, Briggs) Ithaca
Ph.D.
- Hook, Alonzo Lohr, A.B. (Elon) 1913
Experimental Physics, Theoretical Physics. (Merritt, Murdock) Elon College, N. C.
M.S.
- Howlett, Freeman Smith, B.S. (Cornell) 1921
Pomology, Plant Physiology, Farm Management.
(Heinicke, Curtis, Warren) Knowlesville
Ph.D.
- Howton, Everett, B.S. (Peabody) 1920
Rural Education, Farm Management. (Works, Misner) Williamston, W. Va.
M.S.
- Hucker, George James, B.S. (Lenox) 1915
Dairy Industry, Bacteriology, Plant Physiology.
(Stocking, Hagan, Knudson) Geneva
Ph.D.
- Huckett, Hugh Cecil, B.S.A. (Ontario Agr.) 1919
Systematic Entomology, Zoology, Economic Entomology.
(Johannsen, Reed, Herrick) Meadfoot, Cuckfield, Sussex, England
Ph.D.
- Hudson, Margaret Dille, Pd.B. (Colo. Teacher's College) 1909, B.S. (Ohio Northern) 1917
English Literature, Modern European History.
(Sampson, Becker) Cleveland, Ohio
A.M.
- Hulme, Harold, A.B. (Western Reserve) 1920
English History, Medieval European History, Modern European History.
(Notestein, Burr, Becker) Cleveland, Ohio
Ph.D.
- Hultzen, Lee Sisson, A.B. (Cornell) 1920
Public Speaking, English. (Drummond, Cooper) Norwich
A.M.
- Humphrey, Rufus Richard, A.B. (Michigan State Normal) 1917, A.M. (Cornell) 1920
Embryology and Histology, Zoology, Human Anatomy.
(Kingsbury, Reed, Kerr) Woodhaven
Ph.D.
- Hunt, Mabel Mungeam, A.B. (Cornell) 1912
French, Philosophy. (Mason, Creighton) New York City
A.M.

- Hyde, Karl Clayton, A.B. (Indiana) 1915, A.M. (Cornell) 1921
Botany, Zoology, Plant Pathology. (Rowlee, Reed, Reddick)
Ithaca Ph.D.
- Isbell, William Jesse, B.S. (Alabama Poly. Inst.) 1917
Rural Education, Farm Management. (Works, Misner)
Newton, S. C. M.S.
- Jenks, Leon E., B.S., M.S. (Hamilton) 1905, 1908
Physical Chemistry, Analytical Chemistry, Organic Chemistry.
(Bancroft, Dennis, Orndorff)
Ithaca Ph.D.
- Jolliffe, Charles Byron, B.S., M.S. (W. Virginia) 1915, 1920
Experimental Physics, Theoretical Physics, Applied Electricity.
(Merritt, Kennard, Bedell)
Ithaca Ph.D.
- Jones, Fred LaFayette, A.B. (Furman) 1921
English, Philosophy. (Adams, Creighton)
Greenville, S. C. A.M.
- Kappel, Gustav Ulrich, B.S. in Agr. (Wisconsin) 1918
Rural Education, Rural Social Organization. (Works, Sanderson)
Waldo, Wis. M.S.
- Kirkland, Joseph Brackin, B.S. (Cornell) 1918
Rural Education, Farm Management. (Works, Warren)
Ellisville, Miss. M.S.
- Kirkpatrick, Ellis Lore, B.S.A. (Iowa State) 1914
Rural Organization, Farm Management, Economics and Statistics.
(Sanderson, Warren, Willcox)
South English, Iowa Ph.D.
- Knoepfle, Frieda Barbara, B.A. (Greenville)
Latin, German. (Durham, Pope)
Ridgway, Pa. A.M.
- Kvakan, Pavao, Eng. of Agr. (Royal High Agr. College) 1917
Plant Breeding, Physiology of Plants, Botany.
(Emerson, Curtis, Sharp)
Krivcevi, Jugo-Slavia Ph.D.
- Lake, John Frederick, B.S. (Cornell) 1921
Floriculture, Vegetable Gardening. (White, Thompson)
Ithaca M.S. in Agr.
- Lathrop, Frank Waldo, B.A. (Yale) 1911, M.S. in Agr. (Cornell) 1914
Rural Education, Farm Management, Rural Economy.
(Butterworth, Works, Myers, Lauman)
New London, Conn. Ph.D.
- Lee, Clarence Edgar, B.S. (Conn. Agr.) 1916
Rural Education, Farm Management. (Eaton, Misner)
Trumansburg M.S. in Agr.
- Lewis, Mary Brittain, A.B. (Winthrop) 1919
English, Philosophy. (Adams, Creighton)
Tagewell, Va. A.M.
- LeWorthy, George Edwin, B.S. (Hobart) 1915, B.S. (Cornell) 1917
Rural Education, Farm Management. (Works, Misner)
Waterville M.S. in Agr.
- Liddell, Anna Forbes, A.B. (North Carolina) 1918
Philosophy, Education. (Creighton, Ogden)
Charlotte, N. C. A.M.
- Lindsley, Luther Campbell, B.A. (William and Mary) 1908
Inorganic Chemistry, Organic Chemistry, Agricultural Chemistry.
(Dennis, Orndorff, Cavanaugh)
Manassas, Va. Ph.D.
- Loesell, Clarence Michal, B.S. (Michigan Agr.) 1916
Rural Education, Farm Management. (Works, Misner)
Shiloh, N. J. M.S. in Agr.
- Loomis, Walter Earl, B.S. (Illinois) 1921
Vegetable Gardening, Plant Physiology. (Thompson, Curtis)
Makanda, Ill. M.S.
- Loveless, Harlow S. G., A.B. (Williams) 1901
Rural Education, Rural Sociology. (Works, Sanderson)
Phelps A.M.
- Luscher, Verena Lillian, A.B. (Cornell) 1916
English, German. (Northrup, Pope)
LeRoy A.M.
- McCarthy, Edward Dennis, A.B. (Cornell) 1917
Analysis, Geometry. (Hurwitz, Snyder)
Cattaraugus A.M.
- McConnell, James Asher, B.S. (Cornell) 1921
Animal Husbandry, Farm Management and Agricultural Economics, Plant Breeding.
(Wing, Babcock, Hutchison)
Ithaca Ph.D.
- McDuffie, Roy Oliver, A.B., B.Chem. (Cornell) 1918, 1920
Physical Chemistry, Inorganic Chemistry. (Briggs, Browne)
Cincinnati, Ohio A.M.
- McGuire, Peter Stephen, A.B. (Cornell) 1904
American History, Political Science, Economics (Bretz, Orth, Willcox)
Buffalo Ph.D.
- McHargue, James Spencer, B.S., M.S. (Kentucky) 1906, 1914
Soil Technology, Physical Chemistry, Plant Physiology.
(Lyon, Briggs, Knudson)
Lexington, Ky. Ph.D.
- Mackeown, Samuel Stuart, A.B. (Cornell) 1917
Experimental Physics, Theoretical Physics, Physical Chemistry.
(Richtmyer, Merritt, Briggs)
New York City Ph.D.
- McMillan, George, B.A. (Queen's) 1906
Rural Education, Rural Social Organization. (Works, Sanderson)
Hamilton, Ont., Canada M.S.
- McMillen, Frederick Harlan, A.B. (Miami) 1916
Rural Education, Farm Management. (Works, Misner)
Columbus, Ohio M.S.
- McSpadden, Ben Joe, B.S.A. (Tennessee) 1920
Poultry Husbandry, Animal Husbandry. (Rice Savage)
Knoxville, Tenn. M.S. in Agr.
- McTammany, Frances Loretta, A.B. (Cornell) 1909
Latin, Spanish. (Durham, Keniston)
Troy A.M.
- Magone, Sarah Louise, A.B. (Wellesley) 1889
French, Latin. (Guerlac, Durham)
Savannah, Ga. A.M.
- Mank, Edith Webster, A.B. (Mt. Holyoke) 1913
Entomology, Rural Education. (Needham, Works)
Lawrence, Mass. A.M.
- Martin, Roy Lofton, B.A. (Miss. A. and M.) 1921
Rural Education, Farm Management. (Works, Misner)
Puckett, Miss. M.S.
- Martin, Verey G., B.A. (Miss. A. and M.) 1912
Rural Education, Rural Social Organization.
(Works, Sanderson)
Agricultural College, Miss. M.S. in Agr.

- May, John McClung, B.S. in Agr. (Kansas State) 1910
Rural Education, Farm Management. (Works, Misner)
- Mayer, William Lyndon, B.S. (Cornell) 1919
Rural Education, Poultry. (Works, Rice)
- Mekeel, Amy Grace, A.B., A.M. (Cornell) 1910, 1919
Zoology, Botany, Entomology. (Reed, Eames, Johannsen)
- Meritt, Carl Lionel, B.S. (Alfred) 1913
Rural Education, Education. (Works, Ogden)
- Merriman, Paul R., A.B. (Miami) 1903
Morphology, Taxonomy. (Eames, Sharp)
- Milligan, Lowell Haines, B.Chem. Eng., M.Sc. (Ohio State) 1916, 1917
Physical Chemistry, Physics, Microchemistry.
(Bancroft, Briggs, Merritt, Chamot)
- Minnis, Joseph Fay, B.S. in Agr. (Missouri) 1921
Rural Education, Education. (Eaton, Ogden)
- Moon, Merl Perrott, A.B., M.S. (Cornell) 1915, 1920
Dairy Industry, Organic Chemistry, Biological Chemistry.
(Stocking, Orndorff, Sumner)
- Moore, Mary Esther, A.B. (Wilson) 1913
Education, English. (Ogden, Northup)
- Mott-Smith, Stanley, M.E. (Cornell) 1919
Experimental Engineering, Power Engineering. (Sawdon, Barnard)
- Muenschner, Walter Conrad, A.B. (Washington State) 1914, M.A. (Nebraska) 1915
Plant Physiology, Botany, Plant Pathology.
(Curtis, Schramm, Fitzpatrick)
- Myers, Doris, B.A. (Juniata) 1920
English, French. (Northup, Guerlac)
- Nadler, S. Joseph Rexwood, B.S. (Alabama Poly.) 1920, M.E. (Cornell) 1920
Electricity, Industrial Organization. (Merritt, Albert)
- Nelson, John Herbert, A.B. (Wofford) 1918
American Literature, English Literature, American History.
(Prescott, Adams, Bretz)
- Newman, George Burgess, A.B. (Maine) 1914, A.M. (Cornell) 1915
Economic Entomology, Insect Morphology, Limnology.
(Matheson, Needham)
- Nichols, Melvin L., B.Chem. (Cornell) 1918
Organic Chemistry, Physical Chemistry, Analytical Chemistry.
(Orndorff, Briggs, Dennis)
- Norris, Leo Chandler, B.S. (Cornell) 1920
Animal Husbandry, Farm Management, Biochemistry.
(Maynard, Myers, Sumner)
- Norton, Laurence Joseph, B.S. (Cornell) 1917
Farm Management, Economic Theory, Rural Economy.
(Warren, Myers, Davenport, Boyle)
- Osborn, Jesse Otto, A.B. (Berea) 1917, A.M. (Kentucky) 1920
Geometry, Analysis, Education. (Snyder, Hurwitz, Ogden)
- †Payne, Irving Whittier, B.S. (Michigan) 1911
Adviser: R. W. Curtis.
- Pearson, Frank Ashmore, B.S.A. (Cornell) 1912
Farm Management, Political Science, Agricultural Economics.
(Warren, Davenport, Boyle)
- Pepin, Auguste, B.S.A., B.A. (Laval) 1916, 1918
St. Jean Deschoillons, Lotbiniere, Que., Canada
Soil Technology, Physical Geography, Physical Chemistry.
(Brizzell, von Engeln, Briggs)
- Perrine, James Owen, B.A. (Cornell) 1909
Experimental Physics, Applied Electricity, Physical Chemistry.
(Merritt, Bedell, Briggs)
- Phillips, Frank Roy, B.S. (Texas A. and M.) 1914
Rural Education, Rural Social Organization.
(Eaton, Works, Sanderson)
- Pierce, David Henry, B.S. (Syracuse) 1916
Education, Economics. (Ogden, English)
- Plyler, Earle Keith, B.A., M.A. (Furman) 1917, 1918
Experimental Physics, Theoretical Physics. (Murdock, Gibbs)
- Pollard, Frank Howell, B.Chem. (Cornell) 1916
Physical Chemistry, Inorganic Chemistry, Organic Chemistry.
(Briggs, Browne, Orndorff)
- Porter, Mary Louise, Ph.B. (Chicago) 1913
English, French. (Northup, Mason)
- Pratt, Algeo Newell, B. S. (Maryland) 1920
Pomology, Plant Physiology. (Peck, Curtis)
- Proebsting, Edward Louis, B.S. (California) 1918
Pomology, Plant Physiology. (Heinicke, Knudson)
- Pulley, Marion Gertrude, B.S. (Mass. Agr.) 1919
Poultry Husbandry, Agricultural Economics, Economics.
(Benjamin, Boyle, Davenport)
- Randolph, Lowell Fitz, Ph.B. (Alfred) 1916
Botany, Zoology, Plant Breeding. (Sharp, Reed, Emerson)
- Ratelle, Ruth May, A.B. (Cornell) 1920
French, Education. (Mason, Ogden)
- River Falls, Wis.
M.S.
- Durhamville
M.S. in Agr.
- Trumansburg
Ph.D.
- Tonawanda
A.M.
- Rochester
M.S.
- Columbus, Ohio
Ph.D.
- Bogard, Mo.
M.S.
- Ithaca
Ph.D.
- Womelsdorf, Pa.
A.M.
- Honolulu, Hawaii
M.M.E.
- 1915 Lynden, Wash.
Ph.D.
- Huntingdon, Pa.
A.M.
- Gadsden, Ala.
M.M.E.
- Philadelphia, Pa.
Ph.D.
- Fryeburg, Me.
Ph.D.
- Dayton, Ohio
Ph.D.
- Hornell
Ph.D.
- Middle Granville
Ph.D.
- State College, Pa.
Ph.D.
- Ann Arbor, Mich.
Urbana, Ill.
- Ph.D.
- Ph.D.
- Canyon, Texas
M.S.
- Elmira
A.M.
- Greenville, S. C.
A.M.
- Auburn
Ph.D.
- Rock Hill, S. C.
A.M.
- Newark, N. J.
M.S.
- Medford, Ore.
M.S. in Agr.
- Melrose, Mass.
Ph.D.
- Alfred
Ph.D.
- Hempstead
A.M.

- Reeves, Jeremiah Bascom, A.B. (N. Carolina) 1909, A.M. (Yale) 1911
English Religious Lyric, Elizabethan Literature, Eighteenth Century Literature. Ph.D.
(Sampson, Northup, Adams, Prescott) Ithaca
- Reidy, Margaret Mary, A.B. (Cornell) 1908
Botany, Entomology. (Wiegand, Needham) A.M.
- Reitz, William Walter, B.S., M.S. (Penn. State) 1911, 1914
Rural Education, Farm Management. (Works, Misner) M.S. in Agr.
- Richardson, Eulalie Alberta, B.A. (Rochester) 1914
English, Education. (Sampson, Ogden) Rochester
- Rouzer, Paul Charles, B.S. Agr. (Wisconsin) 1912
Rural Education, Rural Social Organization. (Works, Sanderson) Morgantown, W. Va.
- Rutland, Jesse Blake, B.S.A. (Alabama Poly. Inst.) 1910
Rural Education, Farm Management. (Works, Misner) Hamilton, Ala.
- Sand, Austin Wertman William, B.S. (Cornell) 1920
Floriculture, Landscape Art. (Beal, Curtis) Lockport
- Sanders, Gerald DeWitt, B.A., M.A. (Wofford) 1918, 1918
English Literature, English Language, Dramatic Structure. M.S.
(Northup, Monroe, Sampson) Pageland, S. C.
- Shafraun, Eugenia, A.B. (Hunter) 1918
Botany, Biochemistry, Morphology. (Schramm, Sumner, Eames) Ph.D.
Simonds, Walter Wesley, B.S. (Cornell) 1921
Silviculture, Forest Management. (Spring, Recknagel) New York City
- †Skovgaard, Kristen Kristensen, B.S. in Agr. (Royal Agric. College of Copenhagen) 1919
Adviser: H. H. Love. Frennegard, Horsholm, Denmark Ph.D.
- Slingerland, Kathryn Lillis, A.B. (Smith) 1918, A.M. (Cornell) 1919
Entomology, Zoology, Embryology. (Herrick, Reed, Kingsbury) Manchester, N. H.
- Smith, Mary Elizabeth, A.B. (Cornell) 1916
Latin, Philosophy. (Durham, Creighton) Mahanoy City, Pa.
- Smith, Verna Lois, A.B. (Bucknell) 1921
English, French. (Northup, Guerlac) Mahanoy City, Pa.
- Spencer, Leland, B.S. (Cornell) 1918
Farm Management, Agricultural Economics, Economics. A.M.
(Warren, Boyle, Davenport) Elmira
- Stanton, Clifford Alfred, A.B. (Cornell) 1921
Experimental Physics, Chemistry. (Gibbs, Browne) Ph.D.
Summerby, Robert, B.S.A. (McGill) 1911
Plant Breeding, Plant Physiology. (Love, Knudson) Utica
- Suttle, Andrew Dillard, B.S.A., M.S. (Miss. A. and M.) 1915, 1920
Farm Crops, Plant Breeding. (Wiggans, Myers) MacDonal College, Que., Canada
- Tarris, Venia Laota, B.S. (Cornell) 1920
Systematic Entomology, Zoology. (Johannsen, Wright) M.S. in Agr.
- Taylor, Benjamin Langston, A.B. (Virginia Union Univ.) 1919
Physics, Chemistry. (Murdock, Briggs) Louisville, Miss.
- Thalman, Wellington Albert, A.B. (Ellsworth) 1917
Psychology, Education (Dallenbach, Ogden) M.S.
- Thelin, Guy, B.S. (South Dakota State) 1920
Plant Breeding, Farm Crops, Plant Physiology. Ithaca
- Thompson, Alvan Chalfont, B.S. Agr. (Ohio State) 1920
Vegetable Gardening, Farm Management. (Schneck, Myers) Cleveland, Ohio
- Thurston, Elisha Wadhams, B.S. in Agr. (Cornell) 1911
Rural Education, Farm Management. (Works, Misner) M.S. in Agr.
- Torrey, Gilberta Gladys, B.A. (Western Reserve Coll. for Women) 1920
Inorganic Chemistry, Micro-chemistry. (Browne, Chamot) Kenmore
- Townsend, Theodore Horton, B.S. (Cornell) 1917
Vegetable Gardening, Floriculture. (Thompson, White) M.S.
- Turner, Ella May, A.B. (W. Virginia) 1906
English, Victorian Literature. (Adams, Northup) Morrisville
- Turner, James Arthur, B.S. (Clark Univ., Georgia) 1906
Plant Physiology, Soils. (Knudson, Bizzell) M.S. in Agr.
- Van Zandt, Fanny Brice, B.S. (Cornell) 1921
Landscape Art, Fine Arts. (Curtis, Chamberlain) Ithaca
- Vaughn, Richard Owen, B.S. (Miss. A. and M.) 1915
Farm Management, Animal Husbandry. (Misner, Savage) Caledonia, Miss.
- Vieweg, Hermann Frederick, B.Chem. (Cornell) 1921
Physical Chemistry, Mineralogy and Crystallography, Physics. M.S. in Agr.
- Vose, Richard Shepard, B.S.Chem. (Rutgers) 1920
Organic Chemistry, Inorganic Chemistry, Physical Chemistry. Ithaca
- Wagner, Russell Halderman, A.B. (Monmouth) 1915
Latin, Public Speaking. (Durham, Drummond) Ph.D.
- Walton, George Willever, Ph.B. (Lafayette) 1915
Zoology, Botany. (Reed, Sharp) Dayton, Ohio
- Warne, Colston Estey, A.B., A.M. (Cornell) 1920, 1921
Accounting and Finance, Economic Theory, Philosophy. A.M.
- Weeks, Lester Frank, B.S. (Colby) 1915, A.M. (Harvard)
Physical Chemistry, Organic Chemistry, Inorganic Chemistry. Myerstown, Pa.
- (Bancroft, Orndorff, Dennis) Ph.D.

- West, Luther Shirley, B.S. (Cornell) 1921
Economic Entomology, Systematic Entomology, Histology and Embryology. Owego
(Matheson, Needham, Bradley, Kingsbury) Ph.D.
- Whitman, John Rodgers, B.S. (Cornell College) 1912, B.S. in Agr. Ed. (Iowa State) 1919
Rural Education, Farm Management. (Works, Misner) M.S.
- Wiedorn, William Shaffrath, B.S. (Cornell) 1919
Landscape Design, Plant Materials. (Davis, Montillon, Curtis) Ithaca
M.L.D.
- Williams, Daniel Luther, B.S.A. (Miss. A. and M.) 1914
Rural Education, Rural Sociology. (Works, Sanderson) Jackson, Miss.
M.S.
- Williams, Ethel May, A.B. (Cornell) 1912
Spanish, French. (Keniston, Mason) Ithaca
A.M.
- Wilson, Carl Louis, A.B. (Denver) 1919, A.M. (Cornell) 1921
Botany, Plant Pathology, Entomology. (Eames, Whetzel, Needham) Lorain, Ohio
Ph.D.
- Wisdom, John Abner, B.S. in Agr. (Missouri) 1915
Rural Education, Rural Sociology. (Works, Sanderson) St. Catherine, Mo.
M.S.
- Wolff, Irving, B.S. (Dartmouth) 1916
Theoretical Physics, Mathematics, Experimental Physics. New York City
(Kennard, Hurwitz, Murdock) Ph.D.
- Wood, Henry Lewis, B.S. (N. Y. State Coll. for Teachers) 1919
Mathematics, Physics. (Snyder, Howe) Woodford
A.M.
- Wu, Chenfu Francis, B.S., M.A. (Soochow) 1917, 1919
Limnology, Economic Entomology, Insect Morphology. Shanghai, China
(Needham, Herrick, Johannsen) Ph.D.
- Yates, Everett Claudius, B.S. (Mich. Agric.) 1916
Rural Education, Rural Sociology. (Works, Sanderson) New York City
M.S.
- Yerkes, May Ruth, B.A. (William Smith) 1915
Literary Criticism, English Literature. (Cooper, Broughton) Romulus
A.M.
- Young, Harry Pestana, B.S. (Penn. State) 1913
Farm Management, Economics, Animal Husbandry. Ithaca
(Warren, Myers, Davenport, Savage) Ph.D.
- Young, Paul Rexford, B.S. (Cornell) 1916
Rural Education, Rural Organization. (Works, Sanderson) Ithaca
M.S.

COLLEGE OF ARTS AND SCIENCES

For detailed information concerning the work of the College of Arts and Sciences, candidates for admission to that college should consult the Announcement of the College of Arts and Sciences which will be sent gratis on application to the Secretary of the University.

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SIMON HENRY GAGE, B.S., Professor of Histology and Embryology, Emeritus.
THOMAS FREDERICK CRANE, Ph.D., Litt. D., Professor of the Romance Languages and Literatures, Emeritus.
BURT GREEN WILDER, B.S., M.D., Professor of Neurology and Vertebrate Zoology, Emeritus.
*WATERMAN THOMAS HEWETT, Ph.D., Professor of the German Language and Literature, Emeritus.
JOHN HENRY COMSTOCK, B.S., Professor of Entomology and General Invertebrate Zoology, Emeritus.
CHARLES DEGARMO, Ph.D., Professor of the Science and Art of Education, Emeritus.
GEORGE SYLVANUS MOLER, A.B., B.M.E., Professor of Physics, Emeritus.
EDWARD LEAMINGTON NICHOLS, B.S., Ph.D., LL.D., Professor of Physics, Emeritus.
GEORGE PRENTICE BRISTOL, A.M., Professor of Greek, Emeritus.
GEORGE LINCOLN BURR, A.B., LL.D., Litt. D., The John Stambaugh Professor of History.
JAMES EDWIN CREIGHTON, Ph.D., LL.D., Sage Professor of Logic and Metaphysics and Dean of the Graduate School.
EDWARD BRADFORD TITCHENER, Ph.D., LL.D., D.Sc., Litt. D., Lecturer in Psychology.
NATHANIEL SCHMIDT, A.M., Professor of Semitic Languages and Literatures and Oriental History.
WALTER FRANCIS WILLCOX, Ph.D., LL.D., Professor of Economics and Statistics.
LOUIS MUNROE DENNIS, Ph.B., B.S., Professor of Inorganic Chemistry.
JOSEPH ELLIS TREVOR, Ph.D., Professor of Thermodynamics.
CHARLES HENRY HULL, Ph.D., Goldwin Smith Professor of American History.
WILLIAM RIDGELY ORNDORFF, Ph.D., Professor of Organic and Physiological Chemistry.
WILDER DWIGHT BANCROFT, Ph.D., World War Memorial Professor of Physical Chemistry.
ERNEST GEORGE MERRITT, M.E., World War Memorial Professor of Physics.
CHARLES VAN PATTEN YOUNG, A.B., Professor of Physical Education.
ABRAM TUCKER KERR, B.S., M.D., Professor of Anatomy and Secretary of the Ithaca Division of the Medical College.
*JAMES MCMAHON, A.M., D.Sc. Professor of Mathematics.
JOHN HENRY TANNER, Ph.D., Professor of Mathematics.
FREDERIC BEDELL, Ph.D., Professor of Applied Electricity.
FRANK THILLY, Ph.D., LL.D., Professor of Philosophy.
WILLARD WINFIELD ROWLEE, B.L., D.Sc., Professor of Botany.
HEINRICH RIES, Ph.D., Professor of Geology.
WILLIAM ALEXANDER HAMMOND, Ph.D., Sage Professor of Ancient Philosophy and of Aesthetics.
ERNEST ALBEE, Ph.D., Professor of Philosophy.
BENJAMIN FREEMAN KINGSBURY, Ph.D., M.D., Professor of Histology and Embryology.
SUTHERLAND SIMPSON, D.Sc., M.D., F.R.S.E., World War Memorial Professor of Physiology.
MARTIN WRIGHT SAMPSON, M.A., Goldwin Smith Professor of English Literature.
WILLIAM STRUNK, JR., Ph.D. Professor of English.

*Deceased.

- HERBERT CHARLES ELMER, Ph.D., Professor of Latin.
 CHARLES LOVE DURHAM, Ph.D., Litt. D., Professor of Latin.
 GILBERT DENNISON HARRIS, Ph.B., Professor of Paleontology and Stratigraphic Geology.
 GEORGE WALTER CAVANAUGH, B.S., Professor of Chemistry in its Relations to Agriculture.
 *JOHN SANFORD SHEARER, Ph.D., Professor of Physics.
 JOHN IRWIN HUTCHINSON, Ph.D., Professor of Mathematics.
 VIRGIL SNYDER, Ph.D., Professor of Mathematics.
 ALBERT BERNHARDT FAUST, Ph.D., Professor of German.
 EMILE MONNIN CHAMOT, Ph.D., Professor of Chemical Microscopy and Sanitary Chemistry.
 ARTHUR WESLEY BROWNE, Ph.D., Professor of Inorganic and Analytical Chemistry.
 ADAM CAPEN GILL, Ph.D., Professor of Mineralogy and Petrography.
 JULIAN PLEASANT BRETZ, Ph.D., Professor of American History.
 JAMES GEORGE NEEDHAM, Ph.D., Professor of Entomology and Limnology.
 GLENN WASHINGTON HERRICK, B.S.A., Professor of Economic Entomology.
 GEORGE NIEMAN LAUMAN, B.S.A., Professor of Rural Economy.
 *SAMUEL PETER ORTH, Ph.D., Goldwin Smith Professor of Political Science.
 OSKAR AUGUSTUS JOHANNSEN, Ph.D., Professor of Entomology.
 JAMES FREDERICK MASON, Ph.D., Professor of the Romance Languages and Literatures.
 LANE COOPER, Ph.D., Professor of the English Language and Literature.
 ALBERT WILHELM BOESCHE, Ph.D., Professor of German.
 PAUL RUSSEL POPE, Ph.D., Professor of German.
 ROBERT MORRIS OGDEN, Ph.D., Professor of Education.
 GEORGE LIVINGSTONE HAMILTON, Ph.D., Professor of the Romance Languages and Literatures.
 HERBERT JOSEPH DAVENPORT, Ph.D., Professor of Economics.
 CARL BECKER, Ph.D., Professor of Modern European History.
 FLOYD KARKER RICHTMYER, Ph.D., Professor of Physics.
 ROSWELL CLIFTON GIBBS, Ph.D., Professor of Physics.
 DONALD ENGLISH, B.S., M.B.A., Professor of Economics and Accounting.
 FREDERICK CLARK PRESCOTT, A.B., Professor of English.
 CLARK SUTHERLAND NORTUP, Ph.D., Professor of English.
 OTHON GOEPP GUERLAC, Licencié ès lettres, Licencié en droit, M.A., LL.B., World War Memorial Professor of the Romance Languages and Literatures.
 HUGH DANIEL REED, Ph.D., Professor of Zoology.
 JOSEPH QUINCY ADAMS, Ph.D., Litt.D., Professor of English.
 FRANCIS ROBERT SHARPE, Ph.D., Professor of Mathematics.
 EUGENE PLUMB ANDREWS, A.B., Professor of Archaeology.
 RALPH HAYWARD KENISTON, Ph.D., Professor of the Romance Languages and Literatures.
 HARRY PORTER WELD, Ph.D., Professor of Psychology.
 WILLIAM LINN WESTERMANN, Ph.D., Professor of Ancient History.
 WALLACE NOTESTEIN, Ph.D., Professor of English History.
 HORACE LEONARD JONES, Ph.D., LL.D., Professor of Greek.
 JAMES CHESTER BRADLEY, Ph.D., Professor of Entomology and Curator of Invertebrate Zoology.
 ALEXANDER M. DRUMMOND, A.M., Professor of Public Speaking.
 FRED HOFFMAN RHODES, Ph.D., Professor of Chemistry.
 OSCAR DIEDRICH VON ENGELN, Ph.D., Professor of Physical Geography.
 RIVERDA HARDING JORDAN, Ph.D., Professor of Education.
 SAMUEL LATIMER BOOTHROYD, M.S., Professor of Astronomy and Geodesy.
 JAMES HARVEY ROGERS, Ph.D., Acting Professor of Economics.
 PRESERVED SMITH, Ph.D., Lecturer in Medieval History.

*Deceased.

WALTER BUCKINGHAM CARVER, Ph.D., Assistant Professor of Mathematics.
ARTHUR RANUM, Ph.D., Assistant Professor of Mathematics.
DAVID CLINTON GILLESPIE, Ph.D., Assistant Professor of Mathematics.
BENTON SULLIVAN MONROE, Ph.D., Assistant Professor of English.
RASMUS S. SABY, Ph.D., Assistant Professor of Political Science.
GUY BROOKS MUCHMORE, A.B., Assistant Professor of Public Speaking.
LAURENCE PUMPELLY, Ph.D., Assistant Professor of the Romance Languages and Literatures.
WALLIE ABRAHAM HURWITZ, Ph.D., Assistant Professor of Mathematics.
JAMES BATCHELLER SUMNER, Ph.D., Assistant Professor of Biochemistry in the Department of Physiology.
THOMAS ROLAND BRIGGS, Ph.D., Assistant Professor of Physical Chemistry and Electro-Chemistry.
ALBERT HAZEN WRIGHT, Ph.D., Assistant Professor of Zoology.
ARTHUR AUGUSTUS ALLEN, Ph.D., Assistant Professor of Ornithology.
LESLIE NATHAN BROUGHTON, Ph.D., Assistant Professor of English.
JAMES T. QUARLES, Assistant Professor of Music.
CLYDE FIRMAN CRAIG, Ph.D., Assistant Professor of Mathematics.
FREDERICK WILLIAM OWENS, Ph.D., Assistant Professor of Mathematics.
CHARLES CLARENCE BIDWELL, Ph.D., Assistant Professor of Physics.
EARLE HESSE KENNARD, Ph.D., Assistant Professor of Physics.
ALBERT LeROY ANDREWS, Ph.D., Assistant Professor of German.
FREDERICK MILLER SMITH, A.B., Assistant Professor of English.
HARLEY EARL HOWE, Ph.D., Assistant Professor of Physics.
EVERETT LEE HUNT, A.B., Assistant Professor of Public Speaking.
CARLETON CHASE MURDOCK, Ph.D., Assistant Professor of Physics.
HALLDOR HERMANSSON, Assistant Professor of the Scandinavian Languages and Literatures.
BENJAMIN PERCY YOUNG, Ph.D., Assistant Professor of Zoology.
SUMNER HUBER SLICHTER, Ph.D., Assistant Professor of Economics.
JAMES WENCESLAS PAPEZ, B.A., M.D., Assistant Professor of Anatomy and Neurology.
KARL M. DALLENBACH, Ph.D., Assistant Professor of Psychology.
LOUIS BENJAMIN HOISINGTON, Ph.D., Assistant Professor of Psychology.
JOHN WILLIAM HEBEL, Ph.D., Assistant Professor of English.
FREDERIC EBELL FISKE, Ph.D., Assistant Professor of English.
JACOB ROLAND COLLINS, Ph.D., Assistant Professor of Physics.
DANE LEWIS BALDWIN, M.A., Instructor in English.
LEWIS LEAMING FORMAN, Ph.D., Instructor in Latin.
FREDERICK RAYMOND GEORGIA, B.Chem., Instructor in Chemistry.
ERNEST TROWBRIDGE PAINE, Ph.D., Instructor in Philosophy.
MIGUEL ZAPATA Y TORRES, Instructor in the Romance Languages and Literatures.
TUDOR SEYMOUR LONG, A.B., Instructor in English.
ARTHUR JOHN RIDER, M.S., Instructor in Chemistry.
AARON BODANSKY, B.S., Instructor in Biochemistry.
DEAN LaFEVER GAMBLE, B.S., Instructor in Zoology.
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JAMES MEAD HYATT, A.B., Instructor in Physics.
MARY JONES FISHER, A.M., Instructor in Zoology.
AMY GRACE MEKEEL, A.M., Instructor in Zoology.
MELVIN NICHOLS, B. Chem., Instructor in Chemistry.
PERCY AUSTIN FRALEIGH, A.M., Instructor in Mathematics.
HELEN BREWSTER OWENS, Ph.D., Instructor in Mathematics.
DAVID TRUXTON WILBER, A.B., Instructor in Physics.
VICTOR ELVERT MONNETT, A.B., Instructor in Geology.
FREDERICK MANNING SMITH, M.A., Instructor in English.
STANLEY ROSS BURLAGE, A.M., Instructor in Physiology.
PAUL LAVERN BAYLEY, M.A., Instructor in Physics.

ALLEN DITCHFIELD CAMPBELL, A.M., Instructor in Mathematics.
HARRY CAPLAN, M.A., Instructor in Public Speaking.
WARD CULVER BOWEN, A.M., Instructor in Mineralogy.
SETH WAKEMAN, M.A., Instructor in Education.
EDWARD PHILIP THEODORE TYNDALL, B.A., Instructor in Physics.
HOWARD SCOTT LIDDELL, A.M., Instructor in Physiology.
GERALD DEWITT SANDERS, M.A., Instructor in English.
JOSEPH ADAM BECKER, A.B., Instructor in Physics.
JACOB PAPISH, Ph.D., Instructor in Chemistry.
ASA EMANUEL MCKINNEY, A.M., Instructor in Chemistry.
HARRY SHULTZ VANDIVER, Instructor in Mathematics.
GEORGE MERRITT ROBISON, Ph.D., Instructor in Mathematics.
FRANK WALKER REED, Ph.D., Instructor in Mathematics.
CHARLES MOON, B.S., C.E., Instructor in Physics.
MILTON DAVID MARX, A.B., Instructor in English.
GEORGE L. COLEMAN, A.B., Instructor in Music.
PAUL ALLEN NORTHROP, B.S., Instructor in Physics.
JOHN HERBERT NELSON, A.B., Instructor in English.
HERBERT VINTON HOTCHKISS, B.S., C.E., Instructor in English.
RALPH MAYNARD HOLMES, M.A., Instructor in Physics.
HAROLD MEADE MOTT-SMITH, A.B., Instructor in Physics.
CASPER LEHMAN COTTRELL, A.B., Instructor in Physics.
WALTER HOYT FRENCH, A.B., Instructor in English.
CYRIL HARRIS, A.B., B.D., Instructor in English.
CHARLES BYRON JOLLIFFE, B.S., Instructor in Physics.
ALBERT IVAN HOUSMAN, B.S., Instructor in Physics.
JEREMIAH BASCOM REEVES, M.A., Instructor in English.
GEORGE RAYMOND VAN ALLEN, A.B., Instructor in English.
CHARLES BROCKWAY HALE, A.B., Instructor in English.
HYMAN CHONON BERKOWITZ, A.M., Instructor in the Romance Languages and Literatures.
KARL CLAYTON HYDE, Instructor in Botany.
EARL RAY SIKES, A.B., Instructor in Economics.
HERMANN FREDERICK VIEWEG, Instructor in Mineralogy.
LAFAYETTE FRANCIS DOW, A.B., Instructor in the Romance Languages and Literatures.
LELAND JAYNES BOARDMAN, A.B., Instructor in Physics.
VINING CAMPBELL DUNLAP, Ph.D., Instructor in Botany.
ROY MARSHALL FISHER, A.B., Instructor in Physics.
JOSEPH ROBERT HILGERT, B.S., M.A., Instructor in Economics.
RUFUS RICHARD HUMPHREY, A.M., Instructor in Histology and Embryology.
HAROLD MARSHALL LUFKIN, S.T.B., Instructor in Mathematics.
ELEANOR CLARA MCMULLEN, A.B., Instructor in Zoology.
FREDERICK ARTHUR MAY, A.B., Instructor in Physics.
DAVID SHERMAN MORSE, Pd.M., A.M., Instructor in Mathematics.
HAROLD CALVIN MARSTON MORSE, Ph.D., Instructor in Mathematics.
WILLIAM MARION PIERCE, A.B., M.S., Instructor in Physics.
HILLEL PORITSKY, A.B., Instructor in Mathematics.
FREDERICK WILLIAM REYNOLDS, B.S. in E.E., Instructor in Physics.
DONALD EVERETT RICHMOND, A.B., Instructor in Physics.
MERIT SCOTT, A.B., Instructor in Physics.
WILLIAM LLOYD GARRISON WILLIAMS, Ph.D., Instructor in Mathematics.
IRVING WOLFF, B.S., Instructor in Physics.
GEORGE HENRY BRANDES, B. Chem., Instructor in Chemistry.
PRIMITIVO R. SANJURJO, Ph.D., Instructor in the Romance Languages and Literatures.
HOYT HOPEWELL HUDSON, M.A., Instructor in Public Speaking.
RALPH THOMAS KLINE CORNWELL, B.Chem., Instructor in Chemistry.
WALTER PAUL JONES, A.B., Instructor in English.

ALBERT HENRI CURY, Baccalauréat ès Lettres, Licencié ès Lettres, Instructor in the Romance Languages and Literatures.
 ROBERT HANNAH, B.A., Instructor in Public Speaking.
 OLIN GROGAN BELL, Instructor in Geology.
 MORRIS G. BISHOP, Instructor in the Romance Languages and Literatures.
 JESSE OTTO OSBORNE, A.M., Instructor in Mathematics.
 HOWARD BERNHARDT ADELMANN, A.M., Instructor in Histology and Embryology.
 HOMER GUY BISHOP, Ph.D., Instructor in Psychology.
 FRED ALBERT CARLSON, Ph.D., Instructor in Geology.
 HERBERT KAHLE, Ph.D., Instructor in Physics.
 BRADFORD NOYES, JR., M.S., Instructor in Physics.
 RALPH LENT JEFFREY, B.A., Instructor in Mathematics.
 PAUL MCCORKLE, B.A., M.S., Instructor in Physics.
 EARL CHARLES VEDDER, A.B., Instructor in Political Science.
 HAROLD WILLIAM BLODGETT, A.B., Instructor in English.
 WESLEY BARNETT CARROLL, A.B., Instructor in English.
 MORRIS ALBERT COPELAND, Ph.D., Instructor in Economics.
 GEORGE HERBERT DOANE, B.S., M.A., Instructor in Geology.
 WALDEMAR JOHN GALLMAN, A.B., Instructor in English.
 VI ARVIN GRAHAM, A.M., Instructor in Biochemistry.
 ELMER MARKER JOHNSON, Instructor in English.
 MYRON SLADE KENDRICK, A.M., Instructor in Economics.
 MARCEL HARTWIG KESSEL, A.B., Instructor in English.
 FREDERICK HENRY LAPE, A.B., Instructor in English.
 PETER STEPHAN MCGUIRE, A.B., Instructor in Economics.
 DALE RAYMOND MITCHELL, A.B., Instructor in English.
 BENJAMIN CLARK HOLTZCLAW, JR., A.B., Instructor in Greek.
 JAMES WHITE CROWELL, A.M., Instructor in the Romance Languages and Literatures.
 ARTHUR HENRY DOYLE, M.A., Instructor in the Romance Languages and Literatures.
 GUY SHEPARD GREENE, A.B., Instructor in English.
 WILLIAM JOHN HIGGINSON, B.A., Instructor in Economics and Social Science.
 ARTHUR RAYMOND RIDDLE, Instructor in Physics.
 JAMES DESETT BENNEHOFF, M.S., Instructor in Zoology.
 GEORGE KEHOE MCCABE, B.A., Instructor in Economics.
 ERWIN THEODORE MOHME, M.A., Instructor in German.
 WAYLAND MAX PARRISH, B.L., Instructor in Public Speaking.
 HARWOOD BURROWS DOLBEARE, A.B., Instructor in Economics.
 LOWELL FITZ RANDOLPH, Ph.D., Instructor in Botany.
 JAMES FRANCIS HICKEY, A.B., Instructor in Physics.
 WALTER HUTCHINSON STANTON, Instructor in Physics.
 DEXTER MERRIAM KEEZER, A.B., Instructor in Economics.

ASSISTANTS

ANDREW CURTIS WHITE, Ph.D., Reader in Greek.
 PEARL GERTRUDE SHELDON, Ph.D., Assistant in Geology.
 JAMES ARTHUR KENNEDY, A.B., Assistant in Chemistry.
 WILLARD RIEHLMAN BARRETT, B.Chem., Assistant in Chemistry.
 FREDERICK ROBERT LANG, Assistant in Chemistry.
 ALDEN HOWARD MOODY, B.S., Assistant in Chemistry.
 ROBERT BRAINARD COREY, B.Chem., Assistant in Chemistry.
 REGINALD B. COOKE, Ph.D., Assistant in Philosophy.
 WILLIAM WALLACE PADDON, B.Chem., Assistant in Chemistry.
 DAVID LOUIS ULLMAN, A.B., Assistant in Philosophy.
 MYRON EDWARD STECZYNSKI, Assistant in Physics.
 ANDREW JOSEPH HEMMER, A.B., Assistant in Chemistry.

GUSSIE ESTHER GASKILL, A.M., Assistant in Modern European History.
VERNON HIGGS SCHNEE, Assistant in Chemistry.
RUTH ANITA ST. JOHN, Assistant in Geology.
DELBERT ERNEST KEENAN, Reading Assistant in the Romance Languages.
ROSS MILTON BABBITT, B.S., Assistant in Chemistry.
CLYDE WALTER MASON, A.B., Assistant in Chemistry.
LESTER FRANK WEEKS, B.S., A.M., Assistant in Chemistry.
HAROLD TALBOT LACEY, Assistant in Chemistry.
SAMUEL FELDMAN, Assistant in Psychology.
CHARLES WALTER MORSE, Assistant in Chemistry.
RICHARD KENDRICK PARSELL, Assistant in Chemistry.
DOROTHY SEWELL, A.B., Assistant in Histology.
KATHARINA MARJORIE TRESSLER, A.B., Assistant in Chemistry.
RICHARD SHEPARD VOSE, B.Sc., Assistant in Chemistry.
HILTON GERARD WOOD, Assistant in Chemistry.
HUGH KERR AIKEN, JR., B.S., Assistant in Chemistry.
HAROLD HULME, A.B., Assistant and Reader in English History.
FREDERICK THEODORE SCHNATZ, Assistant in Zoology.
LESLIE RICHARD SEVERINGHAUS, Assistant in Physics.
RAYMOND EINNON THOMAS, Assistant in Mineralogy.
EGBERT WENDELL CARRIER, Assistant in Chemistry.
ROBERT CHARLES HOUCK, Assistant in Chemistry.
FRED WILLIAM WARBURTON, Assistant in Physics.
LEON FRANCIS CURTISS, A.B., Heckscher Research Assistant in Physics.
FRANK HOWELL POLLARD, Ph.D., Assistant in Chemistry.
SARAH ALICE McNULTY, A.B., Assistant in Physics and Chemistry.
ALLEN GILBERT BRAILEY, B.S., Assistant in Chemistry.
FRANCIS PHILLIP GROSS, A.B., Assistant in Chemistry.
LAVERNE HAROLD WILLISFORD, B.S., Assistant in Chemistry.
LLOYD HARVEY HATCH, Assistant in English History.
HERBERT ANTHONY HUNTSINGER, B.S., Assistant in Chemistry.
HAROLD ALDEN JEWETT, Assistant in Chemistry.
JOHN CALVIN KELLER, B.S., Assistant in Chemistry.
CHARLES DANIEL LUDLUM, Assistant in Chemistry.
ROY OLIVER McDUFFIE, A.B., B.Chem., Assistant in Chemistry.
C. RAYMOND MILLER, A.B., Assistant in Chemistry.
JOHN PAUL NAFE, A.B., Assistant in Psychology.
SUTHERLAND ERIC SIMPSON, A.B., Assistant in Anatomy.
CHARLES WILLIAM STILWELL, B.Chem., Assistant in Chemistry.
WALTER VAN ALSTYNE, Assistant in Anatomy.
JANET AGNES WILLIAMSON, A.B., Research Assistant in Embryology.
DAVID HARRIS WILLSON, B.S., Assistant in English History.
ARTHUR WALKER BULL, Ph.D., Research Assistant in Chemistry.
FRANCES HELEN FELD, Ph.D., Research Assistant in English History.
ARTHUR WARD GILBERT, B.S., Assistant in Education.
JAMES HART CURRY MARTENS, C.E., Assistant in Mineralogy.
JASPER LEONIDAS STUCKEY, Assistant in Geology.
ALEXANDER BAYARD THOMSON, B.S., Assistant in Ancient History.
JOSEPH HARRY GRIFFITHS, M.A., Assistant in Philosophy.
DAVID WILSON MOORE, Assistant in Chemistry.
HAROLD ROBERT SMART, B.S., M.A., Assistant in Philosophy.
CHARLES BERTRAM CAIN, Assistant in Histology and Embryology.
RUDOLPH CLEMENS HERGENROTHER, Assistant in Physics.
CHARLES MERRICK NEVIN, B.S. in Mining Geology, Assistant in Physical Geography.
BURTON ALCOTT SCOTT, Assistant in Engineering Geology.
HARDICK ALLEN SMITH, Assistant in Physics.
CATARINE ELIZABETH YOUNG, A.B., Assistant in English History.
RALPH RAY ADAMS, Assistant in Chemistry.

WILLARD CHRISLER BEATTY, Assistant in Economics.
LEO BEHR, Instructor in Physics.
AARON BENENSON, Assistant in Economics.
JOHN LATHAM BENHAM, B. Chem., Assistant in Biochemistry.
EDGAR BLAUVELT JOHNSON, B. Chem., Assistant in Chemistry.
REXFORD WILBUR JEWETT, B. Chem., Assistant in Chemistry.
ERNEST RAY SHAW, A.B., Assistant in Economics.
ELIZABETH KING SNODGRASS, Assistant in Economics.
FENTON HENDY SWEZEY, B.Chem., Assistant in Chemistry.
WILLIAM NORMAN WILLIAMS, Assistant in Chemistry.
WILLIAM VELPOE WILKERSON, A.B., Assistant in Histology and Embryology.
RAYMOND PECK ALLEN, Assistant in Chemistry.
GORDON RANDOLPH MCCORMICK, Assistant in Chemistry.
JOHN SUTLIFF FONDA, Assistant in Chemistry.
GEORGE WINDSOR NAYLOR, Assistant in Chemistry.
FLOYD HODSON, A.M., Assistant in Historic Geology.
ARTHUR EDWARD REMICK, B. Chem., Assistant in Chemistry.
FRANK SHAVER WILLIAMS, B. Chem., Assistant in Chemistry.

COLLEGE OF ARTS AND SCIENCES

For admission to the College of Arts and Sciences, see p. 46; for tuition in the College of Arts and Sciences, see p. 53.

Two curricula are offered in the College of Arts and Sciences, one leading to the degree of Bachelor of Arts, the other leading to the degree of Bachelor of Chemistry.

THE DEGREE OF BACHELOR OF ARTS

I. Requirements for Graduation

1. Residence for eight terms. The period of residential study is four years of two terms each in the College, except as provided for in Section II (Special Provisions Regarding Credits toward Graduation).

2. Credit for one hundred and twenty hours, of which at least ninety hours must be for courses given in the College of Arts and Sciences.

3. A grade of C or better in at least sixty of the required one hundred and twenty hours. See section IV (Marks).

4. Election of courses in accordance with Section III (Course of Study).

5. Completion of the work in Hygiene and Preventive Medicine and in Military Drill or in Physical Training prescribed by the University Faculty. (See page 196.)

II. Special Provisions Regarding Credits toward Graduation.

1. **By Examination at Admission.** In case a student has gained twelve hours of college credit by passing admission examinations set for that purpose, he will be considered as having completed one term of residence. If the college credit gained at entrance amounts to six hours, he may complete a term of residence by securing credit for at least six hours in a summer session of the University.

2. **In Summer Sessions.** To obtain credit by means of work done in summer sessions, a student must have previously satisfied the entrance requirements of the College, and must obtain in advance the Dean's approval of his selection of courses. He may then obtain in any Cornell summer session credit for the number of hours he passes. To obtain credit for a term of residence, he must pass a total of at least twelve hours in two or more summer sessions, with a minimum of four or a maximum of eight in each session. Credit for two terms of residence, but no more, may be secured in this way.

Credit will be allowed under the same restrictions for work done in summer sessions of other universities belonging to the Association of American Universities by a student regularly registered in this College, but permission to offer such credit must be obtained in advance from the Dean of this College.

For the combination of credit obtained in summer sessions with college credit gained at entrance, see paragraph 1 above.

3. **Admission to Advanced Standing.** A student admitted to the College of Arts and Sciences from another college of Cornell University or from any other institution of collegiate rank will receive credit toward the degree of Bachelor of Arts for the number of terms and of hours to which his records may, in the judgment of the Faculty, entitle him. In order, however, to obtain the degree of Bachelor of Arts he must, as a candidate for that degree, have been in residence at least two terms in the College of Arts and Sciences and in that college only.

4. **Registration in Two Colleges of the University.** A student who has completed in the College of Arts and Sciences at least six terms of residence (no one of them under the provisions of paragraph 1 above) may, with the permission of the Faculties concerned, be registered both in the College of Arts and Sciences and also in any other college of Cornell University.

5. **Registration in the College and in the Graduate School.** A student who has satisfied all the requirements for graduation except in respect of residence, may, with the permission of the Graduate School, register both in the College of Arts and Sciences and in the Graduate School.

6. **Residence During the Last Two Terms.** The degree will not be conferred upon any student unless he has been in residence at Cornell University during the last two of the required eight terms.

III. Course of Study

1. **Number of Hours.** A student must register in each term for at least twelve hours of work. No student may register for more than eighteen hours in any term except by permission of the Dean. A student who has not attained in any academic year a grade of C or better in a total of fifteen hours of work will not be permitted to elect more than fifteen hours of work in either term of the subsequent academic year. For registration in a course not in the College of Arts and Sciences the permission of the College and of the Professor concerned must be secured. (See also paragraph ii under 2c below.)

2. Underclassmen.

a. **Underclass Requirements.** During the freshman and the sophomore year, each student is required to include in the courses for which he registers the following: in English and History, six hours; in one or more languages other than English, six hours; in Philosophy, Psychology, and Mathematics, six hours; and in Physics, Chemistry, Geology, Physical Geography, and the Biological Sciences, six hours. Of these hours the student is required to take at least twelve, and advised to take more, in his freshman year. Each six hours may be entirely in one division (for example, English six hours), or partly in one and partly in another (for example, English three hours and History three hours). The following courses in foreign languages may not be applied in satisfaction of the foreign language requirement: Greek 1; Latin A, B; German 1, 1a, 3, 3a; French 1, 1a, 2, 3, 3a; Spanish 1, 1a, 2, 3; Italian, 1, 2. College credit gained under paragraph 1, Section II, may not be applied in satisfaction of any of these underclass requirements.

These requirements must be completed before a student may begin counting hours in an upperclass group. (See paragraph 3 below.)

b. **Underclass Advisers.** Freshmen and Sophomores are under the jurisdiction of the Advisory Board for Underclassmen. Each freshman will be assigned to a member of the faculty who will act as his adviser during his freshman and sophomore years. The function of the adviser is to assist the student in his choice of studies, to advise him during the term regarding his work and generally to give him friendly counsel. The approval of the study card and the signature of the adviser must be obtained before the study card is filed at the office of the Dean.

c. Courses Open to Freshmen.

i. The following are the courses in the College of Arts and Sciences open to freshmen except that,

a student may not register for any of these courses for which he has not satisfied the prerequisites, if any are specified (see announcement under each course),

a student may not register for any of these courses for which he has presented an acceptable equivalent at entrance.

Bibliography 1, 2	Geology 1, 1a, 2, 11, 21
Biology 1	German 1, 1a, 3, 3a, 4, 5,
Botany 1, 2, 3	Greek 1, 2
Chemistry 101, 205, 220, 805	History 1, 2, 31, 32
English 1	Italian 1, 4
Entomology 4, 5	Latin A, B, 1, 2
French 1, 2, 3, 3a, 4a, 4b, 5a,	Mathematics 1, 2, 3, 4, 5, 6, 7
5b, 10	(2), 15

Music I, by examination, (see page 107)
 Physics 2, 3, 4a, 4b, 7, 10

Physiology 3, 6
 Spanish I, 2, 3, 4a, 4b, 5a, 5b
 Zoology I, 5, 12

ii. Subject to the permission mentioned in paragraph 1, Section III, required courses in other colleges in the regular freshman schedule of those colleges may be elected by a freshman in the College of Arts and Sciences but only with the approval of his adviser.

iii. Under exceptional circumstances, a freshman may by petition secure permission from the Advisory Board for Underclassmen to take courses (including freshman electives in other colleges) in addition to those allowed under i and ii.

3. Upperclassmen.

a. **Upperclass Requirements.** At the beginning of his junior year each student shall select an upperclass group. During his junior and his senior year he must complete at least twenty hours of work in the group selected, but courses marked with an asterisk (*) may not be counted toward this requirement. With the sanction of his adviser and of the Dean, a student may choose, instead of one of the upperclass groups listed below, a combination of two related groups. A senior in this College who is registered also in some other college of Cornell University is excused from ten of these twenty hours. (See paragraph 4, Section II.)

b. **Upperclass Advisers.** In choosing these twenty hours the student must obtain the advice and approval of some professor or assistant professor within the group who will sign the study card.

c. Upperclass Groups.

- | | |
|-----------------------------------|--|
| 1. Ancient Languages | 10. Mathematics |
| 2. Botany | 11. Philosophy and Education |
| 3. Chemistry | 12. Philosophy and Psychology |
| 4. Economics | 13. Physics |
| 5. English and Public Speaking | 14. Physiology and Biochemistry, Anatomy, and Histology and Embryology |
| 6. French and Italian | 15. Psychology and Education (including Physical Education) |
| 7. Geology and Physical Geography | 16. Spanish and Italian |
| 8. German | 17. Zoology and Entomology |
| 9. History and Government | |

d. **Theses.** Any senior candidate for the degree of Bachelor of Arts may, with the permission of the Dean, arrange with the Department in which he is taking his principal work to write a thesis which, if accepted, shall entitle him to not more than three hours of credit a term.

4. **Filing of Study Cards.** Students will file their study cards at the office of the Dean in accordance with instructions issued at the time of registration.

5. **Changes in Study Card.** With the consent of the Dean and the approval of the adviser, a student may alter his list of courses in the first term during the first six days of instruction, and in the second term during the first day of instruction.

Thereafter no student will be permitted to cancel his registration for any course in which he is registered, unless he shall previously have obtained from the Dean authorization to do so on the ground of ill health or for other reasons beyond the student's control.

IV. Marks

1. A, B, C, D are passing grades; E represents a condition; F a failure; Z dropping a course without official cancellation.

2. A student who in any course has received a term mark of E (a condition) or a mark of incomplete or of absent, may, with the consent of the Dean, and upon payment of the fee required by the University, be permitted to remove the mark

by examination or otherwise as the Department concerned may direct. A mark of conditioned or of incomplete or of absent may not be removed later than registration day of the third term of attendance in the University after the course was taken in class and not more than one attempt at removal will be allowed.

3. A student who has received a mark of F or Z in any course must register again for the course if he desires to secure credit therefor.

V. Continuance in the College

1. A student failing in any given term to pass twelve hours may continue his work in the College under such conditions and at such time as the Faculty may designate.

2. A student's general record may be so unsatisfactory that the Faculty will refuse him permission to continue in the College even though he has passed twelve hours in the preceding term.

BACHELOR OF ARTS WITH HONORS

1. Any student of the College of Arts and Sciences who has completed four terms of residence with at least half of his work above C may apply for admission to candidacy for honors in his upperclass group. A student who has maintained an exceptionally high standard of work during his third year of residence may be added to the list of candidates for Honors not later than the beginning of his seventh term of residence. A student may be dropped from the list of candidates for Honors for failure to maintain a satisfactory standard of work.

2. At the beginning of the first term of his candidacy, an applicant for admission to candidacy for Honors must file at the Dean's office, together with his study card, the written approval of at least two members of his upperclass group. In succeeding terms the candidate's course of study must also be approved by at least two members of his upperclass group.

3. A candidate for Honors may receive credit (in hours) in his upperclass group for additional work of a high order, which may or may not be in connection with regular courses of instruction.

4. General requirements:

(a) The ordinary requirements for the degree of Bachelor of Arts must be satisfied.

(b) The candidate must pass with grades of A or B a minimum of twenty hours in his upperclass group.

(c) The candidate for Bachelor of Arts with Honors must pass a comprehensive final examination in his chosen subject.

(d) The degree of Bachelor of Arts with Honors will be awarded only when recommended by not less than two members of the group in which the student is majoring.

5. Specific prerequisites for admission to candidacy and requirements for graduation with the degree of Bachelor of Arts with Honors have been set by departments or groups to members of which application should be made for more detailed information.

THE DEGREE OF BACHELOR OF CHEMISTRY

The degree of Bachelor of Chemistry will be awarded to those who have satisfactorily completed the following curriculum and the requirements prescribed by the University in Hygiene and Preventive Medicine and in Military Drill or in Physical Training.

Students who have not presented three units of German and two units of French upon entering the course in Chemistry, will be required to make up the shortages in these languages before the beginning of the senior year.

CURRICULUM

First Year

		No. of Course	First Term	Second Term
Introductory Inorganic Chemistry	Chemistry	101	6	-
Qualitative Analysis	Chemistry	205	6 or 0	0 or 6
Analytical Geometry, Differential Calculus, Integral Calculus	Mathematics	7	5	5
Introductory Experimental Physics	Physics . .	2	-	5
Drawing	Sibley College	D3	3	-
English	English	1	3	3

Second Year

Quantitative Analysis	Chemistry	220	0 or 6	6 or 0
Gas Analysis	Chemistry	250	4 or 0	0 or 4
Introductory Chemical Spectroscopy	Chemistry	505	3 or 0	0 or 3
Introductory Organic Chemistry	Chemistry	305	3	3
Organic Chemistry Laboratory	Chemistry	310	3	3
Light and Heat	Physics	8c	2	-
Physical Experiments	Physics	14	-	2
Introductory Mineralogy	Geology	11	0 or 3	3 or 0
Elective		—	-	3

Third Year

Advanced Quantitative Analysis	Chemistry	230	2	2
Quantitative Analysis, Lectures	Chemistry	235	-	2
Introductory Physical Chemistry	Chemistry	405	3	3
Physical Chemistry Laboratory	Chemistry	410	3	3
Introductory Chemical Microscopy	Chemistry	530	0 or 2	2 or 0
General Physics	Physics	9c	2	-
Physical Experiments	Physics	14	2	-
Mechanics	Sibley College	M5	5	-
Mechanical Laboratory	Sibley College	X12	-	4
Elective				3

Fourth Year

Introductory Industrial Chemistry	Chemistry	705	3	3
Seminary	Chemistry	905	-	1
Electrical Engineering Laboratory	Sibley College	E12	4	-
Electives	(at least)	5	5	5
Research for Seniors	Chemistry	—	4	4

Candidates for the degree of Bachelor of Chemistry are required to take at least eight hours in research during the senior year in a division of the Department to be selected by the student. These divisions are: Inorganic Chemistry (Course 195); Physical Chemistry (Course 495); Optical Chemistry (Course 595); Sanitary Chemistry (Course 695); Industrial Chemistry (Course 795); Agricultural Chemistry (Course 895).

The elective courses required in the curriculum may be chosen by the student, in each case with the approval of the Department of Chemistry, from the advanced courses in Chemistry, or from certain courses in other departments of the College of Arts and Sciences or in other colleges of the University.

Students in the Course in Chemistry may register for 20 hours a term. To register for more than 20 hours, the student must first secure the consent of the Department.

COURSES OF INSTRUCTION

ANATOMY

*21. **Structure of the Human Body.** First term. Credit three hours. Professors KERR and PAPEZ.

22. **Anatomical Methods.** First term. Credit three hours. Prerequisite, Zoology 1. Professors KERR and PAPEZ, and instructors.

BIBLIOGRAPHY

1. **Bibliography.** First term. Credit two hours. Librarian AUSTEN.

2. **Bibliography.** Second term. Credit two hours. Librarian AUSTEN.
Open to freshmen who have had Course 1.

BIOLOGY

*1. **General Biology.** Throughout the year. Credit three hours a term. First term prerequisite to the second. Professor NEEDHAM, Assistant Professor CLAASSEN, Dr. HAUSMAN, and assistants. Laboratory fee, \$2.50 a term.

7. **Biology of the Human Species.** First term. Credit two hours. Not open to freshmen. Professor NEEDHAM and Assistant Professor CLAASSEN.

BOTANY

*1. **Evolution of Plants.** First term. Credit three hours. Professor ROWLEE, Dr. DUNLAP, and Mr. HYDE.

2. **Elementary Plant Physiology and Ecology.** Second term. Credit three hours. Professor ROWLEE and Mr. HYDE.

3. **Local Flora.** Second term. Credit three hours. Professor ROWLEE and Dr. DUNLAP.

4. **Systematic Botany.** Throughout the year. Credit three hours a term. Prerequisite course 1 or 3. Professor ROWLEE.

8a. **Plant Cytology.** First term. Credit three hours. Prerequisite courses 1 and 2. Dr. DUNLAP.

8b. **Comparative Histology of Plants.** Second term. Credit three hours. Prerequisite course 8a. Dr. DUNLAP.

9a. **Dendrology.** First term. Credit four hours. Professor ROWLEE.] Not given in 1921-22.

9b. **Xylology.** Second term. Credit four hours. Courses 8b and 9a may advantageously precede this course. Professor ROWLEE.] Not given in 1921-22.

10. **Comparative Morphology and Embryology.** Second term. Credit three hours. Prerequisite course 1. Mr. HYDE.

11. **Mycology.** First term. Credit four hours. Prerequisite courses 1 and either 2 or 3. Dr. DUNLAP.

17. **Research Problems.** Professor ROWLEE, Dr. DUNLAP, and Mr. HYDE.
Not less than four hours a week. May form the basis of major or minor work for an advanced degree.

18. **Seminary.** Credit one hour. Professor ROWLEE, Dr. DUNLAP, and Mr. HYDE.

CHEMISTRY

INORGANIC CHEMISTRY

*101. **Introductory Inorganic Chemistry.** Repeated in second term. Credit six hours. Professor BROWNE, Mr. MCKINNEY and assistant.

120. **Introductory Inorganic Chemistry.** For Engineers. First term. Credit four hours. Professor BROWNE, Mr. MCKINNEY, and assistants.

125. **Introductory Inorganic Chemistry.** For Engineers. Second term. Credit four hours. Prerequisite course 120. Professor BROWNE, Mr. MCKINNEY, and assistants.

130. **Advanced Inorganic Chemistry.** Throughout the year. Credit two hours a term. Prerequisite courses 305 and 310, and open to those who have completed or are taking courses 405 and 410. Professor DENNIS and assistant.

135. **Advanced Inorganic Chemistry.** Either term. Credit, two, three, or four hours. Prerequisite courses 305 and 310. Professors DENNIS and BROWNE, and assistants.

140. **Selected Topics in Advanced Inorganic Chemistry.** Second term. Credit two hours. Prerequisite courses 305 and 310. Courses 405 and 410 should precede or accompany this course. Professor BROWNE.

195. **Research for Seniors.** Throughout the year. Professors DENNIS and BROWNE.

ANALYTICAL CHEMISTRY

205. **Introductory Qualitative Analysis.** Repeated in second term. Credit six hours. Prerequisite course 101. Mr. RIDER and assistants.

*May not be counted for upperclass group.

210. **Introductory Qualitative Analysis. Shorter Course.** Repeated in second term. Credit three hours. Prerequisite course 101. Mr. RIDER and assistants.
- [215. **Advanced Qualitative Analysis.** Repeated in second term. Credit one, two, or three hours. Prerequisite courses 205, 220, 305, and 310. Mr. RIDER. For graduates and advanced undergraduates.] Not given in 1921-22.
220. **Introductory Quantitative Analysis.** Repeated in second term. Credit six hours. Prerequisite course 205. Mr. NICHOLS, Mr. BRANDES, and assistants.
225. **Introductory Quantitative Analysis. Shorter course.** Repeated in the second term. Credit three hours. Prerequisite course 210. Mr. NICHOLS and assistants.
230. **Advanced Quantitative Analysis.** Repeated in the second term. Credit two to four hours. Prerequisite course 220. Mr. NICHOLS, Mr. BRANDES, and assistants.
235. **Advanced Quantitative Analysis.** Second term. Credit two hours. Prerequisite, first term of course 405. Mr. BRANDES.
240. **Electrochemical Analysis.** Repeated in second term. Credit one or two hours. Prerequisite course 220. Mr. BRANDES.
245. **Assaying.** First term. Credit three hours. Prerequisite courses 210 and 225 or 205 and 220, and if possible a course in mineralogy. Mr. BRANDES and assistant.
250. **Introductory Gas Analysis.** Repeated in the second term. Credit four hours. Prerequisite courses 205 and Physics 2. Course 250 must be preceded or accompanied by course 220. Mr. NICHOLS and assistants.
- [255. **Advanced Gas Analysis.** Second term. Credit one or more hours. Prerequisite course 250. Mr. NICHOLS.] Not given in 1921-22.
295. **Research for Seniors.** Throughout the year. Mr. NICHOLS and Mr. BRANDES.

ORGANIC CHEMISTRY

305. **Introductory Organic Chemistry.** Throughout the year. Credit three hours a term. Prerequisite courses 210 and 225 (or 205 and 220). Open to those who are taking course 220. Professor ORNDORFF, Mr. CORNWELL and assistants.
310. **Introductory Organic Chemistry.** Throughout the year. Credit three hours a term. Open to those who have had or who are taking course 305. Professor ORNDORFF, Mr. CORNWELL, and assistants.
315. **Special Chapters in Organic Chemistry.** Throughout the year. Credit two hours a term. Prerequisite courses 305 and 310. Professor ORNDORFF and Mr. CORNWELL.
320. **Advanced Organic Chemistry.** Throughout the year. Credit two to six hours a term. Open to those who have had or are taking course 315. Professor ORNDORFF, Mr. CORNWELL, and assistants.
325. **The Coal Tar Dyestuffs.** First term. Credit one hour. Open to those who have had courses 305 and 310 and have had or are taking course 315. Professor ORNDORFF.
330. **The Coal Tar Dyestuffs.** Throughout the year. Credit two to four hours a term. Open to those who have had or are taking course 315. Professor ORNDORFF and Mr. CORNWELL.
335. **Stereochemistry.** Second term. Credit one hour. Prerequisite course 305. Professor ORNDORFF.
340. **Methods of Organic Analysis.** Throughout the year. Credit two to six hours a term. Prerequisite courses 305 and 310. Professor ORNDORFF and Mr. CORNWELL.
375. **Elementary Organic Chemistry.** First term. Credit five to six hours; lectures and written reviews only, four hours. Prerequisite courses 210 and 225 (or 205 and 220). Open to those who are taking course 220. Mr. CORNWELL and assistants.
395. **Research for Seniors.** Throughout the year. Professor ORNDORFF.

PHYSICAL CHEMISTRY

405. **Introductory Physical Chemistry.** Throughout the year. Credit three hours. Prerequisite course 305 or 375 and Physics 2 and 8c. Assistant Professor BRIGGS and assistants.
410. **Introductory Physical Chemistry.** Throughout the year. Credit three hours a term. Open only to those who have taken or are taking course 405. Assistant Professor BRIGGS and assistants.
- [415. **Advanced Physical Chemistry.** Throughout the year. Credit two hours a term. Prerequisite course 405. Professor BANCROFT.] Not given in 1921-22.
430. **Applied Colloid Chemistry.** Throughout the year. Credit two hours a term. Professor BANCROFT. Open to candidates for the degree of Bachelor of Chemistry if they have taken course 405; to others only by special permission.
450. **Applied Electrochemistry.** Throughout the year. Credit two hours a term. Prerequisite course 405. Assistant Professor BRIGGS and assistant.
455. **Applied Electrochemistry.** Throughout the year. Credit two hours a term. Open to those who have taken courses 405 and 410 and have taken or are taking course 450. Assistant Professor BRIGGS and assistant.
460. **Theoretical Electrochemistry.** Throughout the year. Credit two hours a term. Prerequisite course 405. Professor BANCROFT.
465. **Advanced Physical Chemistry.** Either term or throughout the year. Credit not to exceed six hours a term. Professor BANCROFT, Assistant Professor BRIGGS, and assistants.
495. **Research for Seniors.** Throughout the year. Professor BANCROFT and Assistant Professor BRIGGS.

OPTICAL CHEMISTRY

505. **Introductory Chemical Spectroscopy.** Repeated in the second term. Credit three hours. Prerequisite courses 210 and 225 (or 205 and 220), and Physics 2. Open only to those who have taken or are taking Physics 8c. Mr. PAPISH and assistants.
510. **Advanced Chemical Spectroscopy.** First term. Credit two or more hours. Prerequisite course 505. Mr. PAPISH and assistants.

515. **Advanced Chemical Polarimetry and Refractometry.** Second term. Credit two or more hours. Prerequisite course 505. Mr. PAPISH and assistant.

520. **Spectrographic Methods.** Either term. Credit one or more hours. Prerequisite course 505. Mr. PAPISH.

530. **Introductory Chemical Microscopy.** Repeated second term. Credit two hours. Prerequisite courses 210 and 225 (or 205 and 220). First term, Mr. MASON and assistants. Second term, Professor CHAMOT and assistants.

535. **Advanced Chemical Microscopy.** Second term. Credit two or more hours. Prerequisite course 530. Professor CHAMOT and assistants.

[540. **Advanced Chemical Microscopy.** Either term. Credit two hours. Prerequisite course 530. Professor CHAMOT and assistants.] Not given in 1921-22.

545. **Microscopy of Commercial Alloys.** Second term. Credit two hours. Prerequisite course 530. Professor CHAMOT and assistants.

[550. **Microscopy of Foods and Beverages.** First term. Credit two hours. Prerequisite course 530. Professor CHAMOT and assistants.] Not given in 1921-22.

595. **Research for Seniors.** Throughout the year. Professor CHAMOT.

SANITARY CHEMISTRY

605. **Introductory Sanitary Chemistry (Foods).** First term. Credit two hours. Prerequisite course 305 or 375. Mr. GEORGIA and assistant.

610. **Introductory Sanitary Chemistry (Foods).** First term. Credit two hours. Open to those who have taken or are taking course 605. Mr. GEORGIA and assistant.

615. **Introductory Sanitary Chemistry (Water).** Second term. Credit two hours. Prerequisite course 305 or 375. Mr. GEORGIA and assistant.

620. **Introductory Sanitary Chemistry (Water).** Second term. Credit two hours. Open to those who have had or are taking course 615. Mr. GEORGIA and assistant.

[630. **Advanced Sanitary Chemistry.** First term. Credit two hours. Prerequisite course 615. Mr. GEORGIA] Not given in 1921-22.

635. **Advanced Sanitary Chemistry.** Either term. Credit two or more hours. Prerequisite course 610 or 620. Mr. GEORGIA and assistant.

640. **Special Topics in Sanitary Chemistry.** Second term. Credit two hours. Prerequisite course 305 or 375.

650. **Chemistry of Foods and Food Products.** Second term. Credit two hours. Prerequisite course 305 or 375. Professor CAVANAUGH.

695. **Research for Seniors.** Throughout the year. Mr. GEORGIA.

INDUSTRIAL CHEMISTRY

705. **Industrial Chemistry.** Throughout the year. Credit three hours a term. Prerequisite course 405. Seniors who are taking course 405 will be admitted to this course. Professor RHODES.

710. **Industrial Chemistry.** Either term. Credit two, three, or four hours. Prerequisite course 405. Professor RHODES and assistant.

715. **Selected Topics in Industrial Chemistry.** First term. Credit two hours. Open to students who have completed or are taking course 705. Professor RHODES.

720. **Coal Tar Products.** Second term. Credit two hours. Open to students who have completed or are taking course 705. Professor RHODES.

775. **Engineering Chemistry.** Repeated in second term. Credit two hours. Prerequisite course 101. Professor RHODES.

795. **Research for Seniors.** Throughout the year. Professor RHODES.

AGRICULTURAL CHEMISTRY

805. **Agricultural Chemistry. General Course.** Second term. Credit four hours. Prerequisite course 101. Professor CAVANAUGH.

810. **Chemistry of Fertilizers and Insecticides.** First term. Credit three hours. Prerequisite course 805. Professor CAVANAUGH.

815. **Chemistry of Insecticides and Fungicides, Advanced Laboratory Course.** Either term. Credit two or more hours. Prerequisite courses 810 and 808. Professor CAVANAUGH.

895. **Research for Seniors.** Throughout the year. Professor CAVANAUGH.

SEMINARY

905. **Seminary.** Credit one hour. For seniors who are candidates for the degree of Bachelor of Chemistry.

ECONOMICS

*51. **Elementary Economics.** Repeated in second term. Credit five hours.

55a. **Elementary Social Science.** First term. Credit three hours. Course 51 should precede or accompany this course. Professor WILLCOX.

55b. **Elementary Social Science.** Second term. Credit three hours. Course 51 should accompany or precede this course. Open by special permission to students who have not taken course 55a. Professor WILLCOX.

56b. **Social Theory.** Second term. Credit two hours. Prerequisite course 55a or its equivalent. Professor WILLCOX.

58. **Accounting.** Second term. Credit five hours. Prerequisite course 51 or its equivalent. Professor ENGLISH.

58a. **Elements of Accounting.** First term. Credit three hours. Prerequisite course 51 or its equivalent. Professor ENGLISH.

*May not be counted for upperclass group.

- 58b. **Principles of Accounting.** Repeated in second term. Credit three hours. Prerequisite course 58a. Professor ENGLISH.
- 59a. **Cost Accounting.** First term. Credit three hours. Prerequisite, course 58b. Professor ENGLISH.
- 59b. **Accounting Problems.** Second term. Credit three hours. Prerequisite course 58b or its equivalent. Professor ENGLISH.
- *60. **Business Law.** Repeated in second term. Credit three hours. Open only to upperclassmen. Professor ENGLISH.
- 63a. **Corporation Finance.** First term. Credit three hours. Prerequisite course 58a or course 64. Assistant Professor ROGERS.
- 63b. **Investments and Speculation.** Second term. Credit three hours. Prerequisite, course 58a or course 64. Assistant Professor ROGERS.
64. **Money and Banking.** Throughout the year. Credit six hours on completion of the course. Prerequisite course 51. Assistant Professor ROGERS.
- 67a. **Trade Unionism and Related Problems.** First term. Credit three hours. Prerequisite course 51. Assistant Professor SLICHTER.
- 67b. **The State in Relation to Labor.** Second term. Credit three hours. Assistant Professor SLICHTER.
68. **Labor Administration.** Second term. Credit three hours. Open only by special permission to seniors who have had course 67a. Assistant Professor SLICHTER.
- 76a. **Elementary Statistics.** First term. Credit three hours. Prerequisite course 51. Professor WILLCOX.
- 76b. **Economic Statistics.** Second term. Credit three hours. Prerequisite course 51. Professor WILLCOX.
86. **Principles of Economics.** Repeated in second term. Credit five hours. Professor DAVENPORT.
87. **Public Revenues.** Second term. Credit five hours. Primarily for advanced students. Professor DAVENPORT.
88. **Value and Distribution.** Throughout the year. Credit six hours on completion of the course. Professor DAVENPORT.
91. **Demography of the United States.** First term. Credit two hours. Prerequisite course 76a or its equivalent. Professor WILLCOX.
92. **Research in Finance.** Throughout the year. Credit two hours a term. Assistant Professor ROGERS.
93. **Research in Accounting.** Throughout the year. Credit one hour a term. Professor ENGLISH.
94. **Research in Industrial Relations.** Throughout the year. Credit two hours a term. Assistant Professor SLICHTER.
- Agricultural Economics.** (See Agricultural Economics and Farm Management in the College of Agriculture.)

EDUCATION

- Psychology 1, 1a, or 1b is prerequisite to all courses in Education.*
1. **Educational Psychology.** Repeated in second term. Credit three hours. Professor OGDEN and Mr. WAKEMAN.
2. **Principles of Education.** First term. Credit three hours. Prerequisite course 1. Professor OGDEN.
3. **History of Education.** Second term. Credit three hours. Prerequisite course 1. Mr. WAKEMAN.
4. **High School Teachers and Teaching.** Second term. Credit two hours. Professor JORDAN.
5. **Philosophy of Education.** Second term. Credit three hours. Prerequisite course 1, and at least one course in philosophy. Professor OGDEN.
6. **Experimental Education.** Second term. Credit two hours. Prerequisite course 1 and Psychology 3. Mr. WAKEMAN.
7. **Mental Measurements.** First term. Credit three hours. Prerequisite course 1 and Psychology 3. Mr. WAKEMAN.
8. **Experimental Investigation.** Repeated in second term. Credit and hours to be arranged. Prerequisite course 6 or 7. Professor OGDEN and Mr. WAKEMAN.
9. **Reading of German Educational Psychology.** First term. Credit two hours. Prerequisite course 1. Professor OGDEN.
10. **Educational Administration and Method.** Throughout the year. Credit two hours a term. Prerequisite course 1. Professor JORDAN.
11. **Aesthetic Education.** First term. Credit two hours. Prerequisite course 1. Professor OGDEN.
20. **Seminary in Education.** Throughout the year. Credit two hours a term. Professor OGDEN. Prerequisite course 1. Primarily for graduate students.

ENGLISH

Course 1 is for freshmen; courses 20, 22, 71, and 74 are primarily for sophomores. Prerequisites for admission to the remaining courses, for upperclassmen and graduates, are stated in the description of the courses.

*1. **Introductory Course.** Throughout the year. Credit three hours a term. Students who have not taken the course in the first term may enter in the second term in sections provided for them. Open only to underclassmen who have satisfied the entrance requirement in English.

*May not be counted for upperclass group.

Assistant Professors SMITH, HEBEL, and FISKE, and Messrs. BALDWIN, LONG, MANNING SMITH, HOTCHKISS, SANDERS, MARX, NELSON, REEVES, VAN ALLEN, FRENCH, JONES, HALE, and HARRIS.

2. **Composition and Literature.** For engineering students only. Assistant Professor FISKE.

5. **Short Story Writing.** Throughout the year. Credit three hours a term. Open to upperclassmen. Assistant Professor SMITH.

8. **English Usage and Style.** Throughout the year. Credit three hours a term. Prerequisite course 20 or its equivalent. Professor STRUNK.

9. **Teachers' Course.** First term. Credit two hours. Professor NORTHUP. Open to seniors and graduates who intend to teach English.

10. **Play Writing.** Throughout the year. Credit two hours a term. Open to seniors and graduates who show some special aptitude for the proposed work. Professor SAMPSON.

11. **Old English.** Throughout the year. Credit three hours a term. Prerequisite course 1. Open to upperclassmen. Assistant Professor MONROE.

12. **Advanced Composition.** Throughout the year. Credit two hours a term. Open to seniors who have completed course 5, 8, or 10, and to graduates. Professor STRUNK.

*20. **Nineteenth Century Prose.** Throughout the year. Credit three hours a term. Prerequisite course 1. Professors PRESCOTT and NORTHUP, Assistant Professors MONROE, BROUGHTON, HEBEL, and FISKE and Mr. LONG.

*22. **Nineteenth Century Poetry.** Throughout the year. Credit three hours a term. Prerequisite course 1. Students who have not taken the course in the first term may enter in the second term. Open to sophomores and upperclassmen. Professor SAMPSON, Assistant Professors BROUGHTON and HEBEL.

32. **History of English Literature.** Throughout the year. Credit three hours a term. Open to graduates, and to upperclassmen who have taken two full years of English. Professor STRUNK.

35. **Biography.** First term. Credit two hours. Open to upperclassmen who have had two years of English. Assistant Professor SMITH.

36. **The English Bible.** Throughout the year. Credit two hours a term. Open to upperclassmen only. Assistant Professor FISKE.

37. **Shakespeare.** Throughout the year. Credit three hours a term. Open to upperclassmen only. Professor STRUNK.

38. **Eighteenth Century Poetry.** Throughout the year. Credit two hours a term. Open to upperclassmen only. First term, Assistant Professor MONROE.

39. **Eighteenth Century Prose.** Throughout the year. Credit two hours a term. Open to upperclassmen only. Assistant Professor BROUGHTON.

41. **The English Drama to 1642.** Throughout the year. Credit three hours a term. Open to upperclassmen only. First term, Assistant Professor HEBEL; second term, Professor ADAMS.

42. **Elizabethan Prose.** First term. Open to graduates only. Professor ADAMS.

43. **Elizabethan Poetry.** Second term. Credit three hours. Open to graduates and to seniors by permission of the instructor. Professor ADAMS.

44. **Shakespeare.** Second term. Credit three hours. Open to upperclassmen only. Professor ADAMS.

45. **Modern Novelists.** Throughout the year. Credit two hours a term. Open only to upperclassmen who have passed twelve hours of work in English with grade of A or B. Professor SAMPSON.

46. **Byron.** First term. Credit two hours. Open only to upperclassmen who have had course 22. Professor PRESCOTT.

47a. **The Theory of Poetry.** First term. Credit two hours. Open to upperclassmen only. Professor PRESCOTT.

47b. **Versification.** Second term. Credit two hours. Open to upperclassmen. Professor PRESCOTT.

48a. **American Literature.** First term. Credit three hours. Open to seniors and graduates. Professor PRESCOTT.

48b. **American Literature.** Second term. Credit three hours. Open to seniors and graduates. Prerequisite course 48a. Professor PRESCOTT.

49. **Pastoral Poetry.** Throughout the year. Credit two hours a term. Open to upperclassmen and graduates. Assistant Professor BROUGHTON.] Not given in 1921-22.

50. **Spenser and Milton.** Throughout the year. Credit three hours a term. Open to upperclassmen. Assistant Professor HEBEL.

52. **Victorian Literature.** First term. Credit three hours a term. Open to upperclassmen and graduates. Professor NORTHUP.

55. **Old English Literature.** Second term. Credit two hours. Open to graduates and qualified seniors. Assistant Professor MONROE.

56. **Middle English Literature.** First term. Credit two hours. Open to upperclassmen and graduates. Professor NORTHUP.

57. **The Arthurian Legends.** Second term. Credit two hours. Open to upperclassmen and graduates. Professor NORTHUP.

59. **Dramatic Structure.** Throughout the year. Credit three hours a term. Open to seniors and graduates. Professor SAMPSON.

71. **English Translations of Greek and Latin Classics.** Throughout the year. Credit three hours a term. Open to sophomores and upperclassmen. Professor COOPER.

72. **Principles of Literary Criticism.** Throughout the year. Credit three hours a term. Open to seniors and graduates. Professor COOPER.

73. **Dante in English.** Throughout the year. Credit two hours a term. Open to seniors and graduates. Professor COOPER.

74. **English Literary Types.** Throughout the year. Credit three hours a term. Open to sophomores and upperclassmen. Professor COOPER.

75. **Methods and Materials in the Study of English.** Throughout the year. Credit two hours a term. Open to graduates. Professor COOPER.] Not given in 1921-22.

*May not be counted for upperclass group.

76. **Chaucer Seminary.** Throughout the year. For graduates only. Professor COOPER.
 80. **Wordsworth and his Contemporaries.** Open to seniors and graduates. Assistant Professor BROUGHTON.
 81. **The Tutor-Stuart Drama.** For graduates only. Professor ADAMS.
 82. **Pastoral Poetry.** For graduates only. Assistant Professor BROUGHTON.
 83. **Early Middle English.** For graduates only. Assistant Professor MONROE.
 84. **Problems and Methods in Elizabethan Research.** For graduates only. Professor ADAMS.
 86. **Middle English Seminary.** For graduates only. Professor NORTHUP.
 88. **American Literature.** For graduates only. Professor PRESCOTT.
 89. **The Drama.** For graduates only. Throughout the year. Professor SAMPSON.
 90. **The Georgian and Victorian Drama.** For graduates only. Professor NORTHUP.
 91. **The Sonnets of Shakespeare.** For graduates only. Throughout the year. Professor ADAMS.

ENTOMOLOGY, LIMNOLOGY, AND ORNITHOLOGY

NOTE: For the courses in Entomology, Limnology, and Ornithology, see p 153.

GEOLOGY

GENERAL GEOLOGY

- *1. **Elementary Geology.** Repeated in second term. Credit three hours. Professor RIES, and Messrs. BOWEN and BELL.
 1a. **Dynamic and Structural Geology.** Second term. Credit three hours. Prerequisite course 1 or its equivalent. Professor RIES.

PHYSICAL GEOGRAPHY

- *2. **Elementary Physical Geography.** Throughout the year. Credit three hours a term. Assistant Professor VON ENGELN and Mr. CARLSON.
 3. **Geography of North America.** Throughout the year. Credit two hours a term. Prerequisite an elementary knowledge of physical geography, the equivalent of course 2. Mr. CARLSON.
 5. **Glaciers and Glaciation.** First term. Credit three hours. Prerequisite course 2 or, with permission, course 1. Mr. CARLSON.
 6. **Commercial Geography.** Second term. Credit two hours. Mr. CARLSON.
 8. **Advanced Physiography, Experimental and Research Work.** Throughout the year. Credit, variable. Assistant Professor VON ENGELN.
 9. **Seminary.** Second term. Credit two hours. For upperclassmen and graduate students with requisite preparation. Registration only by permission. Assistant Professor VON ENGELN.
Meteorology and Climatology. (See p 159.)

MINERALOGY AND PETROGRAPHY

- *11. **Elementary Mineralogy.** Repeated in second term. Credit three hours; if taken after course 12, credit two hours. Prerequisite, Chemistry 1. Professor GILL and Mr. VIEWEG.
 12. **Crystallography.** First term. Credit three hours; if taken after course 11, credit two hours. Prerequisite Chemistry 6 or 7, and Physics 1. Professor GILL and Mr. VIEWEG.
 13. **Mineralogy.** Second term. Credit three hours; if taken after course 11, credit two hours. Prerequisite course 12. Professor GILL.
 14. **Blowpipe Determination of Minerals.** First term. Credit one hour. Prerequisite course 11 or 13 and Chemistry 6 or 7. Professor GILL.
 15. **General Lithology.** Second term. Credit one hour. Prerequisite courses 1 and 11. Professor GILL and Mr. VIEWEG.
 16. **Crystal Measurement and Drawing.** Second term. Credit two hours. Prerequisite course 12. Professor GILL.
 17. **Optical Determination of Minerals.** First term. Credit three hours. Prerequisite course 13. Professor GILL.
 18. **Petrography.** Second term. Credit three hour. Prerequisite course 17. Professor GILL.
 19. **Seminary in Mineralogy and Crystallography.** Throughout the year. Credit one hour a term. Prerequisite courses 12, 13, 17. Professor GILL.
 20. **Advanced or Special Work in Mineralogy and Petrography.** Throughout the year. Prerequisite courses dependent on nature of work. Professor GILL.

PALEONTOLOGY AND STRATIGRAPHIC GEOLOGY

- *21. **Historic Geology.** Second term. Credit three hours. Prerequisite, course 1 or its equivalent; a course in invertebrate zoology is also desirable. Professor HARRIS.
 22. **General Stratigraphic Geology.** Throughout the year. Credit three hours a term. Prerequisite, courses 1 and 21. Professor HARRIS.
 23. **Geological Surveying.** First term. Credit two hours. Prerequisite courses 1 and 21 or equivalents, and spherical trigonometry. Professor HARRIS.
 24. **Invertebrate Paleontology.** Credit two hours each term. Prerequisite a three-hour course in biology. Professor HARRIS.
 25. **Special Geologic Problems and Research.** Prerequisites will depend largely on the nature of the problems attacked. Professor HARRIS.

*May not be counted for upperclass group.

ECONOMIC GEOLOGY

- *31. **Engineering Geology.** Repeated in second term. Credit five hours. Professor RIES. Required of Civil Engineering students. Open to Arts students by special permission.
32. **General Economic Geology.** Throughout the year. Credit three hours a term. First term, prerequisite, course 1 or equivalent; second term, prerequisite, courses 1 and 11, or their equivalent. Professor RIES.
35. **Clay Investigation.** Prerequisite courses Geology 1 or 31 and Chemistry 1 or its equivalent. Can be taken either one or two terms. Professor RIES.
36. **Advanced or Special Work in Economic Geology.** Throughout the year. Prerequisite courses dependent on the nature of the work. Professor RIES. Credit three hours.
37. **Seminary in Economic Geology.** Throughout the year. Credit two hours a term. Prerequisite courses 1, 11, or 13 and 32. Professor RIES.

GERMAN

- *1. **Course for Beginners: Oral Training, Grammar, Composition, Translation.** Repeated in second term. Credit six hours. Professor POPE.
- *1a. **Course for Beginners. Oral Training, Grammar, Composition, Translation.** Throughout the year. Credit three hours a term. Assistant Professor ANDREWS.
- *3. **Oral Training, Grammar, Composition, Translation.** Repeated in second term. Credit five hours. Prerequisite course 1 or entrance credit for two units of German (first year German and second year German). Professor FAUST and Assistant Professor ANDREWS.
- *3a. **Oral Training, Grammar, Composition, Translation.** Throughout the year. Credit three hours a term.
- *4. **Elementary German Composition and Conversation.** Throughout the year. Credit three hours a term. Open to those who are taking or have taken course 3. Professor POPE.
- *5. **Intermediate German Course.** Throughout the year. Credit three hours a term. Prerequisite course 3, or its equivalent. Professor FAUST and Assistant Professor ANDREWS.
- *8. **Scientific German.** Second term. Credit three hours. Prerequisite courses 1-3 or three years of German in High School. Professor BOESCHE.
10. **Advanced German Composition and Conversation.** Throughout the year. Credit three hours a term. Prerequisite courses 1-5 or the equivalent. Professor BOESCHE.
11. **Lessing's Life and Works.** First term. Credit three hours. Prerequisite courses 1-5. Professor POPE.
12. **Schiller's Life and Works.** Second term. Credit three hours. A continuation of course 11, but may be elected separately. Prerequisite courses 1-5. Professor BOESCHE.
13. **Goethe's Life and Works.** First term. Credit three hours. Primarily for juniors and seniors. Prerequisite courses 1-5 or the equivalent. Professor BOESCHE.
14. **Goethe's Faust, part 1 and selected portions of part 11.** Second term. Credit three hours. Primarily for juniors and seniors. Prerequisite courses 1-5 or the equivalent. Professor FAUST.
- [15. **History of German Literature.** First term. Credit three hours. Prerequisite courses 1-5 or the equivalent. Professor FAUST.] Not given in 1921-22.
- [16. **Contemporary German Literature.** Throughout the year. Credit three hours a term. Prerequisite courses 1-5 or the equivalent. Professor FAUST.] Not given in 1921-22.
17. **The German Drama of the Nineteenth Century.** Throughout the year. Credit three hours a term. Prerequisite courses 1-5 or the equivalent. Recitations, lectures in German, and collateral reading. Professor FAUST.
37. **Middle High German.** Throughout the year. Credit three hours a term. Prerequisite courses 1-5, 10, and at least six hours of advanced work in German literature, Assistant Professor ANDREWS.
39. **Teachers' Course in German Composition.** Throughout the year. Credit two hours a term. Admission by permission only. Professor BOESCHE.
40. **Teachers' Course in Methods.** Second term. Credit two hours. Prerequisite courses 1-5, 10, and twelve hours of advanced work in German literature or philology. Professor FAUST.
42. **Gothic.** First term. Credit three hours. Professor BOESCHE. Primarily for graduates.
- [43. **Old High German.** First term. Credit three hours. Prerequisite course 37. Professor BOESCHE. Primarily for graduates.] Not given in 1921-22.
- [48. **Principles of Germanic Philology.** Second term. Credit two hours. Prerequisite course 42. Assistant Professor ANDREWS.] Not given in 1921-22.
49. **Seminary in German Literature.** First term. Credit two hours. Professor FAUST. For graduates only.
- [50. **Seminary in German Literature.** Second term. Credit two hours. Professor POPE. Primarily for graduates.] Not given in 1921-22.
- [52. **Seminary in German Philology.** Second term, credit two hours. Professor BOESCHE. Primarily for graduates.] Not given in 1921-22.

GOVERNMENT AND PUBLIC LAW

- *1. **Political Institutions.** First term. Credit three hours. Assistant Professor SABY.
- *2. **Comparative Politics.** Second term. Credit three hours. Assistant Professor SABY.
3. **Municipal Administration.** First term. Credit three hours. Open to upperclassmen. Assistant Professor SABY.

*May not be counted for upperclass group.

4. **Municipal Problems.** Second term. Credit three hours. Open to upperclassmen. Assistant Professor SABY.
- [5. **State Administration.** Second term. Credit three hours. Prerequisite course 1. Professor ORTH.] Not given in 1921-22.
- [6. **The American Party System.** First term. Credit two hours. Prerequisite course 1. Professor ORTH.] Not given in 1921-22.
- [7. **Constitutional Government.** Second term. Credit three hours. Prerequisite course 1. Professor ORTH.] Not given in 1921-22.
- [8. **History of Political Thought.** First term. Credit three hours. Assistant Professor SABY.] Not given in 1921-22.
- [9. **Modern Political Thought.** Second term. Credit three hours. Assistant Professor SABY.] Not given in 1921-22.
10. **The Nature of the State.** Second term. Credit two hours. Assistant Professor SABY.
- [11. **International Law and Diplomacy.** First term. Credit three hours.] Not given in 1921-22.
- [*22. **Government Control of Industry.** Second term. Credit three hours. Professor ORTH.] Not given in 1921-22.
- [31. **Research in Politics.** Throughout the year. Credit one to three hours a term. Professor ORTH.] Not given in 1921-22.
- [32. **Seminary in Political Science and Public Law.** Throughout the year. Credit two hours a term. Professor ORTH.] Not given in 1921-22.

GREEK

- *1. **Elementary Greek.** Throughout the year. Credit six hours a term. This course however is continuous throughout the year, and no credit will be allowed for the first term alone. Professor JONES.
2. **Plato, Selections; Homer's Odyssey.** Throughout the year. Credit three hours a term. Professor JONES.
3. **Euripides, Sophocles.** Reading of the Alcestis and Oedipus the King, with an introduction to the Greek drama. First term. Credit three hours. Professor JONES.
4. **Greek Composition.** Throughout the year. Credit one hour a term. Prerequisite course 2 or the equivalent. Professor JONES.
5. **New Testament Greek.** Throughout the year. Credit two hours a term. Dr. WHITE.
- [6. **Herodotus.** First term. Credit two or three hours.] Not given in 1921-22.
- *7. **Myths of the Epic Cycle.** Second term. Credit two hours. Professor JONES. Open only (1) to upperclassmen who have studied, or are studying, Freshmen Latin or Greek and (2) to graduate students.
9. **Dramatic Poetry.** Second term. Credit three hours. Professor JONES.
- [10. **Lyric Poetry.** Selections from Hiller-Crusius' Anthologia Lyrica to illustrate the various types of personal poetry.] Not given in 1921-22.
11. **Lucian and Aristophanes.** Throughout the year. Credit three hours a term. Professor JONES.
12. **The Republic of Plato.** Throughout the year. Credit three hours a term. Professor HAMMOND.
- [15. **Thucydides.** First term. Credit two hours.] Not given in 1921-22.
20. **Greek Seminary.** Throughout the year. Credit three hours a term.
- [21. **Introduction to the Study of Languages.** First term. Credit two hours.] Not given in 1921-22.

GREEK ART AND ANTIQUITIES

Courses 1, 3, 4a, and 4b in this department do not require any knowledge of Greek or of Latin. Courses 5, 6 and 7 presuppose facility in reading Greek. Course 7 is primarily for those expecting to study in Athens.

- A. **Greek Art.** November to March inclusive. Professor ANDREWS. No university credit.
1. **History of Greek Sculpture.** Repeated in second term. Credit three hours. Professor ANDREWS.
3. **Greek Antiquities.** Repeated in second term. Credit three hours. Professor ANDREWS.
- 4a. **Greek Pottery.** First term. Credit two hours. Professor ANDREWS.
- 4b. **Greek Architecture.** Second term. Credit two hours. Professor ANDREWS.
5. **Pausanias.** Throughout the year. Credit two hours a term. Professor ANDREWS.
6. **Greek Epigraphy.** Credit two hours. Professor ANDREWS. For graduates and qualified undergraduates.
7. **Modern Greek.** Credit two hours. Professor ANDREWS.

HISTOLOGY AND EMBRYOLOGY

1. **The Tissues: Histology and Histogenesis.** First term. Credit four hours. No prerequisite, but previous work in biology (zoology and botany) or physiology is recommended. Professor KINGSBURY and assistants.
2. **The Organs: Histology and Development.** Second term. Credit four hours. Prerequisite course 1 or the equivalent. Professor KINGSBURY and assistants.
3. **Special Histology and Technique.** First term. Credit two hours. Prerequisite courses 1 and 2, or 1 and 4, or the equivalent. Mr. HUMPHREY.

*May not be counted for upperclass group.

4. **Embryology of Vertebrates.** Second term. Credit four hours. Prerequisite course 1 or the equivalent. Mr. HUMPHREY.
7. **Advanced Histology and Embryology.** Throughout the year. Credit three or more hours a term. Prerequisite courses 1, 2, 3, or the equivalent. Professor KINGSBURY and instructors.
8. **Seminary.** Throughout the year. Credit one hour. Prerequisite courses 1 and 2, or 4; may be taken with course 3 or 7.

HISTORY

- A. **The History of Civilization.** Throughout the year. THE FACULTY OF HISTORY.
- *1-2. **Ancient History.** Throughout the year. Credit six hours for the year; upperclassmen four hours only. Professor WESTERMANN.
- 5-6. **Greek and Roman Political Institutions.** Throughout the year. Credit for the year 4 hours. Professor WESTERMANN. Prerequisite courses 1-2, or 31-32, or an equivalent.
8. **Seminary in Ancient History and Epigraphy.** Throughout the year. Credit two hours a term. Professors WESTERMANN and DURHAM. Open to graduates only.
11. **The Middle Ages.** First term. Credit three hours. Professor BURR.
12. **The Age of Renaissance and Reformation.** Second term. Credit three hours. Professor BURR.
- 14a. **Church and State in the Middle Ages.** Open to qualified seniors and graduates and meant especially for those taking also course 15. First term. Credit one hour. Professor BURR.
- 14b. **Church and State in the Age of the Reformation.** Open to qualified seniors and graduates and meant especially for those taking also course 15. Second term. Credit two hours. Professor BURR.
15. **The Rise of Tolerance.** Throughout the year. Credit one hour a term. Professor BURR.
- [16. **Canon Law.** Throughout the year. Credit two hours a term. Professor BURR.] Not given in 1921-22.
22. **History of Modern Europe.** Throughout the year. Credit three hours a term. Professor BECKER.
23. **The French Revolution.** First term. Credit two hours. Professor BECKER.
24. **The Napoleonic Era.** Second term. Credit two hours. Professor BECKER.
28. **Seminary in Modern European History.** Throughout the year. Credit two hours a term. Professor BECKER. Open to graduates and to properly qualified seniors.
- *31-32. **English History.** Throughout the year. Credit six hours for the year; upperclassmen four hours only. Professor NOTESTEIN.
33. **English History, 1763-1858.** First term. Credit three hours. Professor NOTESTEIN. Prerequisite courses 1-2, 31-32, or an equivalent satisfactory to the instructor.
34. **English History, 1858-1921.** Second term. Credit three hours. Professor NOTESTEIN.
40. **Anglo-German Relations, 1900-1914.** First term. Credit two hours. Professor NOTESTEIN.
41. **Selected Topics in English History, 1640-1660.** Second term. Credit two hours. Professor NOTESTEIN.
51. **The British Empire in America, 1600-1783.** First term. Credit three hours. Professor HULL.
- *52. **American History, 1783-1850.** First term. Credit three hours; upperclassmen two hours only. Professor BRETZ.
- *53. **American History, 1850-1914.** Second term. Credit three hours; upperclassmen two hours only. Professor BRETZ.
54. **Economic History of the Colonies, 1600 to 1800.** First term. Credit three hours. Professor HULL.
55. **Economic History of the United States, since 1800.** Second term. Credit three hours. Professor HULL.
56. **Constitutional History of the United States.** First term. Credit two hours. Professor BRETZ. Prerequisite courses 52 and 53. Upperclassmen only.
58. **Foreign Relations of the United States, 1783-1914.** Second term. Credit three hours. Prerequisite courses 52 and 53. Professor HULL.
59. **American History, 1750-1848: The Settlement of the Middle West.** Second term. Credit two hours. Professor BRETZ. Prerequisite courses 52 and 53; upperclassmen only.
60. **American History. Investigation of topics in a selected field.** Throughout the year. Credit two hours a term. Professor BRETZ.
61. **Seminary.** Throughout the year. Credit two hours a term. Professor HULL. For graduates and open to qualified seniors by permission.
- [71. **The Sciences Auxiliary to History.** First term. Credit one hour. Professor BURR. Not open to underclassmen.] Not given in 1921-22.
- [72. **Historical Geography.** Throughout the year. Credit one hour a term. Professor BURR. Not open to underclassmen.] Not given in 1921-22.
73. **Palaeography and Diplomatics.** Throughout the year. Credit one hour a term. Professor BURR.
- [75. **Historical Method.** First term. Credit one hour. Professor BURR.] Not given in 1921-22.
76. **The Teaching of History.** Course for teachers. Second term. Credit two hours. Professor BURR with aid from his colleagues. Open only to seniors and graduates who are specializing in history.

*May not be counted for upperclass group.

77. **Introduction to the Literature of History.** Professors SCHMIDT, WESTERMANN, BURR, BECKER, NOTESTEIN, HULL, and BRETZ. For graduates only.
Oriental History. (See Semitic Languages and Literatures, courses 9a*, 9b.*)

LATIN

- *A. **Elementary Latin.** Dr. FORMAN. Credit five hours a term.
 *B. **Virgil, Aeneid, Books I-VI; Ovid.** Throughout the year. Credit three hours a term. Prerequisite, course A, or entrance credit for two units of Latin. Dr. FORMAN.
1. **Freshman Course: Cicero, De Amicitia, De Senectute; Horace, Odes and Epodes; Latin Writing.** Throughout the year. Credit three hours a term. Professor DURHAM and Dr. FORMAN.
 2. **Sight Translation: Gellius, Selections; Ovid, Metamorphoses.** Oral translation at sight. Throughout the year. Credit one hour a term. Professor ELMER.
 Courses 2 and 3 are given in alternate years.
 3. **Sight Translation: Caesar's Civil War; Phaedrus; Martial.** Throughout the year. Credit one hour a term. Professor ELMER.] Not given in 1921-22.
 7. **Classic Myths in English Literature.** Prerequisite, preparatory Latin. Second term only. Credit two hours. Professor DURHAM.] Not given in 1921-22.
 8. **Terence, Phormio and Adelphi; Catullus; Horace, Satires and Epistles; Tacitus, Agricola.** Throughout the year. Credit three hours a term. Prerequisite course 1. Professor DURHAM.
 9. **Sight Translation for Sophomores.** First term. Credit one hour. Prerequisite course 1. Professor DURHAM.] Not given in 1921-22.
 11. **Selections from Cicero's Letters; Cicero, De Oratore, Book I.** Throughout the year. Credit two hours a term. Prerequisite, course 1 or the equivalent. Professor ELMER.] Not given in 1921-22.
 12. **Selections from the last six books of Virgil's Aeneid; Cicero, De Officiis.** Throughout the year. Credit two hours a term. Prerequisite course 1 or the equivalent. Professor ELMER.] Not given in 1921-22.
 16. **Selections from the Republican Literature: Plautus, the Captives and Mostellaria; Lucretius; Lectures on the History of Roman Literature.** Throughout the year. Credit three hours a term. Prerequisite course 8, or 11, or 12. Professor ELMER.] Not given in 1921-22.
 Courses 16 and 17 are given in alternate years.
 17. **Literature and History of the Early Empire; Suetonius, Lives of the Caesars; Pliny's Letters; Tacitus, Annals.** Throughout the year. Credit three hours a term. Prerequisite course 8, or 11, or 12. Professor ELMER.
 18. **Lyric Poetry.** First term. Credit two hours. Open to students who have taken or are taking course 16 or 17. Professor DURHAM.] Not given in 1921-22.
 20. **Cicero's Philippics.** Throughout the year. Credit two hours a term. Prerequisite course 8, or 11, or 12. Professor ELMER.
 21. **Latin Writing. Intermediate Course.** Throughout the year. Credit one hour a term. Prerequisite course 1. Professor ELMER.
 26. **Teachers' Training Course.** Throughout the year. Credit two hours a term. Open to students who have had course 8, or 11, or 12, and have taken or are taking course 16 or 17. Professor ELMER.] Not given in 1921-22.
 27. **Ancient Rome: Private Life and Architectural Remains.** First term only. Credit two hours. Professor DURHAM.
 28. **Petronius, Cena Trimalchionis; Vulgar Latin Inscriptions, including Christian Inscriptions.** Second term. Credit two hours. Professor DURHAM. Open only to those who have taken or are taking course 16 or 17.
 34. **Cicero, in Verrem, Fourth Oration of the Actio Secunda.** Throughout the year. Credit one hour a term. Prerequisite course 8, or 11, or 12, or the equivalent. Professor ELMER.] Not given in 1921-22.
 41. **Latin Seminary: Professor ELMER.** For graduates only.] Not given in 1921-22.
 42. **Philological Seminary.** Professor DURHAM. For graduates only.
 43. **History, Aim, and Scope of Latin Studies.** Throughout the year. For graduates only.] Not given in 1921-22.
 44. **Historical Latin Syntax.** Two hours a week throughout the year. Professor ELMER. For graduates only.
 45. **Latin Writing, Advanced Course.** Throughout the year. Professor ELMER. For graduates and undergraduates who have taken course 21.
 48. **Vulgar Latin.** Throughout the year. Professor DURHAM. For graduates only.] Not given in 1921-22.
 49. **Cicero's Orator.** Professor DURHAM. For graduates only.] Not given in 1921-22.
 50. **Latin Epigraphy.** Throughout the year. Credit two hours a term. Professor DURHAM. Open to graduates and to qualified undergraduates.] Not given in 1921-22.
 51. **Seminary in Ancient History and Epigraphy.** Throughout the year. Credit two hours a term. Professor WESTERMANN and Professor DURHAM. Open to graduates only.

MATHEMATICS

- *1. **Solid Geometry.** Repeated in second term. Credit three hours.
- *2. **Advanced Algebra.** Repeated in second term. Credit five hours.
- *3. **Plane Trigonometry.** Repeated in second term. Credit three hours.
- 4, 5, 6. **Analytic Geometry and Calculus.** Primarily for students in the College of Engineering. Prerequisite courses 1, 2, 3, or their equivalent. These courses are offered each term.
4. Credit three hours.

*May not be counted for upperclass group.

5. Daily except S. Credit five hours. Continuation of course 4.
6. Credit three hours. Continuation of course 5.
- 7 (1), 7 (2). **Analytic Geometry and Calculus.** Primarily for candidates for the degrees of A.B. and B. Chem. Prerequisite courses 1, 2, 3, or their equivalent. These courses are offered each term.
- 7 (1). Credit five hours.
- 7 (2). Credit five hours. Continuation of 7 (1).
- *8. **Analytic Geometry and Calculus.** Primarily for students in the College of Architecture. Throughout the year. Credit three hours a term. Prerequisite courses 1, 2, 3, or their equivalent.
- *15. **Elementary Course in Higher Mathematics.** Throughout the year. Credit two hours a term. Prerequisite courses 1, 2, and 3, or their equivalent. Assistant Professor CARVER.
20. **Teachers' Course.** Throughout the year. Credit three hours a term. Prerequisite course 7, which may be taken at the same time. Assistant Professor CRAIG.
23. **Modern Higher Algebra.** Second term. Credit three hours. Prerequisite course 7 or its equivalent. Assistant Professor CARVER.
26. **Theory of Finite Groups.** Second term. Credit three hours. Mr. VANDIVER.
41. **Elementary Differential Equations.** Throughout the year. Credit three hours a term. Prerequisite course 7 or its equivalent. Dr. ROBISON.
42. **Advanced Calculus.** Throughout the year. Credit three hours a term. Prerequisite course 7 or its equivalent. Assistant Professor GILLESPIE.
45. **Theory of Functions of a Complex Variable.** Throughout the year. Credit three hours a term. Assistant Professor CRAIG.
46. **Elliptic Functions and Integrals.** Throughout the year. Credit three hours a term. Prerequisite course 42 or its equivalent, and preferably also course 45. Dr. H. C. M. MORSE.
47. **Integral Equations.** Throughout the year. Credit three hours a term. Prerequisite course 42 or its equivalent. Assistant Professor HURWITZ.
61. **Projective Geometry.** Throughout the year. Credit three hours a term. Prerequisite course 7 or its equivalent. Dr. H. B. OWENS.
62. **Advanced Analytic Geometry.** Throughout the year. Credit three hours a term. Prerequisite, elements of differential calculus. Dr. W. L. G. WILLIAMS.
66. **Non-Euclidean Geometry.** First term. Credit three hours. Prerequisite course 61. Assistant Professor RANUM.
- *82. **Introduction to the Mathematics of Finance.** First term. Credit two hours. Repeated in the second term. Professor TANNER.
83. **Theory of Probabilities.** Throughout the year. Credit three hours a term. Prerequisite course 7 or its equivalent. Assistant Professor OWENS.
88. **Dynamics.** First term. Credit three hours. Prerequisite course 7 or its equivalent; preferably also course 41. Dr. REED.
89. **Hydrodynamics and Elasticity.** Throughout the year. Credit three hours a term. Prerequisite course 7, or its equivalent. Professor SHARPE.

MUSIC

The courses offered by the Department of Music are designed to afford to all students having sufficient native ability, the opportunity to study music as a part of the college course. The aim is to make musical training contribute to liberal culture.

Credit for courses 1 to 7 inclusive may be counted as part of the thirty hours which a student may elect outside the College of Arts and Sciences but may not be counted as part of the ninety hours required in the College. (See paragraph 1, 2, p. 92)

1. **Elementary.** Throughout the year. Credit two hours a term. Open to all students having sufficient aptitude to pursue the subject with profit.
7. **Advanced Choral.** Throughout the year. Credit two hours a term. This course may not be repeated for credit.
10. **Harmony.** Throughout the year. Credit two hours a term. Prerequisite course 1 or the equivalent. Assistant Professor QUARLES.
12. **Advanced Harmony and Elementary Form.** Throughout the year. Credit two hours a term. Prerequisite course 10 or the equivalent. Assistant Professor QUARLES.
14. **Applied Form and Composition.** Throughout the year. Credit two hours a term. Open to students who have completed course 12, and to others equally qualified. Assistant Professor QUARLES.
16. **Counterpoint.** Throughout the year. Credit two hours a term. Assistant Professor QUARLES. Open to students who have completed course 10, and to others equally qualified.
17. **Canon and Fugue.** Throughout the year. Credit two hours a term. Open to students who have completed course 16, and to others equally qualified. Assistant Professor QUARLES.
18. **History of Music.** Throughout the year. Credit two hours a term. No preliminary training required. Assistant Professor QUARLES.

PHILOSOPHY

- *1. **Problems of Philosophy.** First term. Credit three hours. Professor THILLY, Dr. PAINE, and Dr. COOKE.
- *2. **Logic.** First term. Credit three hours. Dr. PAINE.
- *3. **Logic.** Second term. Credit three hours. Professor CREIGHTON and Dr. PAINE.
- *4. **The Fine Arts; their Philosophy and History in Outline.** First term. Credit three hours. Professor HAMMOND.
- 4a. **The Renaissance.** Second term. Credit three hours. Professor HAMMOND.

*May not be counted for upperclass group.

5. **History of Philosophy.** Throughout the year. Credit three hours a term. Professor CREIGHTON. Open to juniors, seniors, and graduates.
- 5a. **Supplement to 5.** Two hours. Time to be arranged. For honor students and others who have the necessary qualifications. Professor CREIGHTON and Mr. SMART.
- *6. **Moral Ideas and Practice.** Second term. Credit three hours. Professor THILLY.
7. **Ethics.** First term. Credit three hours. Professor THILLY.
- 7a. **Social and Political Ethics, and the Philosophical Theory of the State.** Second term. Credit three hours. Professor THILLY. Open to juniors, seniors, and graduates.
9. **Philosophical Ideas in Nineteenth Century Literature.** First term. Credit three hours. Professor ALBEE.
- 9a. **The Philosophy of William James.** Second term. Credit two hours. Professor ALBEE. Primarily for juniors and seniors.
- [*11. **Philosophical Results and Applications.** Professor CREIGHTON.] Not given in 1921-22.
12. **The Theory of Evolution: Its History and Significance.** Throughout the year. Credit one hour a term. Dr. PAINE. Intended primarily for undergraduates.
13. **Origin and Development of Religious Ideas.** First term. Credit two hours. Dr. PAINE.
14. **Psychology and Philosophy of Religion.** Second term. Credit two hours. Dr. PAINE.
16. **Reading of Philosophical German.** Throughout the year. Credit two hours a term.
17. **Sources of Ancient and Medieval Philosophy.** Second term. Credit two hours. Professor HAMMOND. Primarily for graduates, and open to seniors only by special permission.
18. **Types of Metaphysical Theory.** First term. Credit two hours. Prerequisite courses 1 and 5 or the equivalent. Professor CREIGHTON.
- [19. **The Development of Modern Philosophical Problems.** Professor CREIGHTON.] Not given in 1921-22.
20. **History of Ethics, Ancient, Medieval, and Renaissance.** First term. Credit two hours. Professor HAMMOND. Primarily for seniors and graduates.
21. **History of Modern Ethics.** Second term. Credit two hours. Professor ALBEE. Primarily for seniors and graduates.
- [26. **The Ethics of Modern Utilitarianism.** Throughout the year. Credit three hours a term. Professor THILLY. Open to qualified seniors and graduates.] Not given in 1921-22.
27. **The Republic of Plato.** Throughout the year. Credit three hours a term. Professor HAMMOND.
29. **Modern Idealistic Theories of Ethics.** Throughout the year. Credit three hours a term. Professor THILLY. Open to qualified seniors and to graduates.
30. **Empiricism and Rationalism.** First term. Credit three hours. Professor ALBEE. Primarily for graduates.
31. **The Critical Philosophy of Kant.** Second term. Credit three hours. Professor ALBEE. Primarily for graduates.
32. **Early Rationalism: Spinoza and Leibniz.** Second term. Credit two hours. Professor ALBEE. Primarily for graduates.
33. **The Philosophy of Bergson.** First term. Credit two hours. Professor ALBEE. Open to qualified seniors and graduates.
- [34. **Logical Theory.** Throughout the year. Credit two hours a term. Professor ALBEE. Primarily for graduates.] Not given in 1921-22.
- [35. **Modern British Idealism.** First term. Credit two hours. Professor ALBEE. Primarily for graduates.] Not given in 1921-22.
37. **Seminary in Ethics.** Throughout the year. Credit two hours a term. Professor THILLY.
38. **Seminary in Ancient and Medieval Philosophy.** Throughout the year. Credit two hours a term. Professor HAMMOND.
40. **Seminary in Logic and Metaphysics.** Professor CREIGHTON.
41. **Seminary in Aesthetics.** Throughout the year. Credit two hours a term. Professor HAMMOND. Open to seniors by permission.

PHYSICAL EDUCATION

These courses are especially designed for the training of teachers and supervisors of physical education, and for those who are preparing themselves as teachers of other subjects and who desire to supplement that preparation. Previous courses in chemistry, physics, biology, physiology, anatomy, psychology, and education are recommended, although not prerequisites.

- 20a. **Principles of Physical Education.** For juniors and seniors. First term. Credit three hours. Professor YOUNG and Miss BATEMAN.
- 20b. **Principles of Physical Education.** For juniors and seniors. Second term. Credit three hours. Professor YOUNG and Miss BATEMAN.
- 20c. **Principles of Physical Education.** For junior and senior men. Repeated in second term for junior and senior women. Credit one hour. Professor YOUNG and Miss BATEMAN.
21. **Hygiene.** For juniors and seniors. First term. Credit two hours. Professor YOUNG and Dr. ROOT.
22. **Physical Inspection.** For juniors and seniors. Second term. Credit two hours. Professor YOUNG and Dr. ROOT.
- 23a. **Principles of Physical Education.** For seniors. First term. Credit three hours. Professor YOUNG and Miss BATEMAN.
- 23b. **Principles of Physical Education.** For seniors. Second term. Credit three hours. Professor YOUNG.

*May not be counted for upperclass group.

PHYSICS

Students expecting to elect Physics for their upperclass group are advised to complete Mathematics 7 or its equivalent before the beginning of their junior year.

Students desiring to follow Physics as a profession either in education or in research or testing laboratories should consult with the Department concerning the opportunities in these fields. The members of the department will be glad to advise such students regarding the courses best suited to their needs. A circular outlining a four-year undergraduate course in Physics may be obtained upon application at the department office.

Entrance Physics is not accepted as an equivalent of any of the courses offered by the department.

*2. **Introductory Experimental Physics.** Primarily for students in engineering and chemistry. Repeated in second term. Credit five hours. Technical students should not take this course earlier than the term in which they begin the study of analytic geometry. Professors MERRITT, SHEARER, and GIBBS, Assistant Professor HOWE, and Messrs. BOARDMAN, FISHER, HOUSMAN, MAY, MOON, NORTHROP, PIERCE, and WOLFF.

*3. **Introductory Experimental Physics.** Primarily for students in Arts and Sciences. Repeated in the second term. Credit six hours. Instructing staff same as in Physics 2.

4a. **General Physics.** Primarily for students in Arts and Sciences. First term. Credit three hours. Prerequisite, Physics 2 or 3, or the equivalent. Professor GIBBS.

4b. **General Physics.** Primarily for students in Arts and Sciences. Second term. Credit three hours. Prerequisite, Physics 2 or 3, or the equivalent. Professor GIBBS.

Physics 4a and 4b are designed to meet the needs of students who desire a somewhat detailed survey of the fundamentals of physics. Course 4a may be taken either before or after 4b.

*7. **General Physics.** Recitations and problem work. Primarily for students in engineering. Repeated in the second term. Credit three hours. Prerequisite, Physics 2. Assistant Professor MURDOCK and Messrs. COLLINS, JOLLIFFE, PIERCE, SCOTT, TYNDALL, and WOLFF.

8c. **Heat and Light.** Theory and problems. Required of candidates for B. Chem. First term. Credit two hours. Prerequisite, Physics 2 and Mathematics 7 (1). Assistant Professor BIDWELL.

9c. **Magnetism and Electricity.** Theory and problems. Required of candidates for B. Chem. First term. Credit two hours. Prerequisite, Physics 2 and Mathematics 7 (2). Assistant Professor BIDWELL.

10. **Introductory Physical Experiments.** Either term. Credit three hours. Prerequisite, Physics 2 or the equivalent. Professor RICHTMYER. Primarily intended for students in the College of Arts and Sciences who wish a general knowledge of experimental physics.

11. **General Physics.** Theory and problems covering selected topics in heat, light, and electricity. Required of candidates for M.E. and E.E. Second term. Credit three hours. Prerequisite, Physics 7 and Mathematics 6. Assistant Professor BIDWELL and Messrs. RICHMOND, BECKER, MACKEOWN, MOTT-SMITH, NOYES, and REYNOLDS.

11a. **Electricity.** Theory and problems. First term. Credit two hours. Assistant Professor BIDWELL.

11b. **Heat and Light.** Theory and problems. First term. Credit two hours. Assistant Professor BIDWELL.

Physics 11a and 11b will not be given after the first term of 1921-22.

12. **Physical Measurements.** Primarily for students in Arts and Sciences. Either term or throughout the year. Credit two or four hours a term. Prerequisite, the calculus and at least six hours of physics taken from the preceding courses or five hours of physics if Physics 4 be taken simultaneously. Professor RICHTMYER.

14. **Physical Measurements.** Required of candidates for B. Chem., M.E., and E.E. Either term or throughout the year. Credit two or four hours a term. Prerequisite, the calculus and Physics 7. Physics 11 or 9c must precede or accompany the second half of Physics 14. Professor RICHTMYER and Messrs. HYATT, BECKER, COTTRELL, JOLLIFFE, MACKEOWN, MOTT-SMITH, REYNOLDS, RICHMOND, METZGER, and NOYES.

18. **Theory and Practice of Photography.** First term. Credit two hours. Prerequisites, Physics 2 and Chemistry 1 or their equivalent. Professor RICHTMYER, and Messrs. PIERCE and SEVERINGHAUS.

[19. **Scientific Photography.** With special reference to its applications to problems of research.] Not given in 1921-22.

20. **Heat.** Second term. Credit three hours. Prerequisite, Physics 4a, 4b and 12 (2 hours) and Mathematics 7, or their equivalent. Assistant Professor BIDWELL.

21. **Light.** Second term. Credit three hours. Prerequisite, Physics 4b, 12 (2 hours) and Mathematics 7, or their equivalent. Assistant Professor HOWE.] Not given in 1921-22. Physics 20 and 21 are given in alternate years.

22. **Electricity and Magnetism.** Throughout the year. Credit three hours a term. Prerequisite, Physics 4a, 4b and 12 (4 hours), and Mathematics 7, or their equivalent. Assistant Professor MURDOCK.

[23a. **Mechanics and Properties of Matter.** First term. Credit three hours. Prerequisite, Physics 4a, 4b and 12 (2 hours) and Mathematics 7, or their equivalent. Assistant Professor MURDOCK.] Not given in 1921-22.

[23b. **Properties of Matter.** Second term. Credit three hours. Prerequisite, Physics 23a. Assistant Professor MURDOCK.] Not given in 1921-22.

24. **Wave Motion and Sound.** First term. Credit two hours. Prerequisite, Physics 4a, 4b and 12 (4 hours) and Mathematics 7, or their equivalent. Assistant Professor MURDOCK.] Not given in 1921-22.

Physics 22, 23 and 24 are given in alternate years.

*May not be counted for upperclass group.

25. **Advanced Laboratory Practice.** Either term or throughout the year. Prerequisite, Physics 12 (4 hours), or the equivalent. Credit one to three hours a term. Assistant Professor MURDOCK and Mr. COLLINS.
26. **Theory of Measurements.** First term. Credit two hours. Prerequisite, Physics 12 (4 hours), or its equivalent. Assistant Professor MURDOCK.] Not given in 1921-22.
27. **Photometry and Spectrophotometry.** First term. Credit three hours. Prerequisite, Physics 10 or 12, or the equivalent. Professor RICHTMYER.
28. **Introduction to Modern Physical Theories.** Primarily for seniors (or first year graduate students) specializing in Physics, but open to others who have had Physics 12 or 14, or the equivalent. Second term. Credit three hours. Professor RICHTMYER.
29. **High Temperature Measurements.** First term. Credit three hours. Prerequisite, Physics 12 or 14. Assistant Professor BIDWELL.
33. **Alternating Currents.** First term. Credit two hours. Prerequisite, Physics 12 or 14. Professor BEDELL.
34. **Electrical Laboratory.** Either term or throughout the year. Credit as arranged. Prerequisite, Physics 12 or 14. Professor BEDELL and Mr. HOLMES.
36. **Advanced Alternating Currents.** Second term. Credit two hours. Prerequisite, Physics 33. Professor BEDELL.
37. **Thesis in Applied Electricity.** Second term, or throughout the year. Credit two to eight hours a term. Prerequisite, Physics 12 or 14. Professor BEDELL.
38. **Aerodynamics and the Mechanics of Flight.** Second term. Credit two hours. Prerequisite, Physics 14. Professor BEDELL.
40. **Electric Waves and Oscillations.** Experimental lectures. Throughout the year. Credit one hour a term. Professor MERRITT.
- 40a. **Electric Waves and Oscillations.** Laboratory. Second term. Credit one to four hours. Prerequisites, Physics 12 and 40, or their equivalent. Professor MERRITT.
41. **Electrical Conduction in Gases.** Experimental lectures. Throughout the year. Credit one hour a term. Professor MERRITT.] Not given in 1921-22.
- Physics 40 and 41 are given in alternate years.
42. **Spectroscopy and Luminescence.** Throughout the year. Credit two hours a term. Prerequisite, Physics 21 or its equivalent. Professor GIBBS.
- Physics 42 is given every other year.
- 42a. **Spectroscopy and Luminescence.** First term. Laboratory. Hours and credit as arranged. Prerequisite, the equivalent of Physics 21 and 25. Professor GIBBS.
43. **X-Rays.** Lectures and laboratory work for non-medical students. Open to students who have had courses in general physics including laboratory work. First term. Credit three hours. Professor SHEARER.
44. **X-Rays.** Lectures and special laboratory. Primarily for students in medicine or biology. Prerequisite, courses in general physics including laboratory and a working knowledge of photography. Second term. Credit two hours. Professor SHEARER.
45. **Advanced X-Rays.** Professor SHEARER.
47. **Radioactivity.** Throughout the year. Credit three hours a term. Professor SHEARER.
50. **Physics Seminary.** Throughout the year. Credit one hour a term. Professor MERRITT.
- 50b. **Junior Physics Seminary.** Throughout the year. Credit one hour a term. Professor RICHTMYER.
51. **Mechanics.** Primarily for graduates. First term or throughout the year. Prerequisite, Physics 23a or the equivalent. Assistant Professor KENNARD.
52. **Electricity and Magnetism.** Primarily for graduates. Throughout the year. Prerequisite, Physics 22 or the equivalent. Assistant Professor KENNARD.] Not given in 1921-22.
53. **Physical Optics.** Primarily for graduates. First term or throughout the year. Prerequisite, Physics 21 or the equivalent. Assistant Professor HOWE.
54. **Thermodynamics.** Throughout the year. Credit three hours. Prerequisite, Mathematics 7 or its equivalent. Mathematics 42 is advised, though not required, as a preliminary course. Professor TREVOR.
59. **Applications of Thermodynamics in Physics.** Primarily for graduates. First term. Professor TREVOR.] Not given in 1921-22.
60. **Radiation and the Quantum Theory.** Primarily for graduates. First term, Assistant Professor KENNARD.] Not given in 1921-22.
61. **Kinetic Theory of Gases.** Second term. Two hours a week. Assistant Professor KENNARD.] Not given in 1921-22.
64. **Electron Theory.** Primarily for graduates. First term. Assistant Professor KENNARD. Physics 51, 52, 53, 59, 60, 61, and 64 are given every other year.

PHYSIOLOGY AND BIOCHEMISTRY

- *3. **Elementary Human Physiology.** Repeated in second term. Credit three hours. Professor SIMPSON and assistants.
6. **Laboratory Work in Physiology.** Repeated in second term. Credit two or more hours. Professor SIMPSON, Dr. BURLAGE, Mr. LIDDELL, and assistants.
7. **Seminary.** Second term. Credit one hour.
8. **Advanced Work and Research in Physiology.** Throughout the year. Professor SIMPSON and assistants. In connection with this course a weekly or fortnightly seminary is held.
9. **Haematology.** First term. Credit one hour. Prerequisite, Human Physiology 3. Dr. BURLAGE.
14. **Elementary Biochemistry.** First term. Credit three hours. Prerequisite, Chemistry 32 or the equivalent. Assistant Professor SUMNER and Mr. BODANSKY.

*May not be counted for upperclass group.

14a. **Laboratory Work in Biochemistry.** First term. Credit two hours. Open to those who are taking or have taken course 14. Assistant Professor SUMNER, Mr. BODANSKY, and assistant.

16. **Advanced Biochemistry Lectures.** Throughout the year. Credit one hour a term. Assistant Professor SUMNER and Mr. BODANSKY.

17. **Special Chapters in Biochemistry.** First term. Credit two hours. Assistant Professor SUMNER and Mr. BODANSKY.

18. **Biochemistry for Medical Students.** Throughout the year. Credit five hours. Prerequisite, Chemistry 32 or its equivalent. Assistant Professor SUMNER and Mr. BODANSKY.

18a. **Laboratory Work in Biochemistry.** Throughout the year. Credit four hours. Prerequisite, Chemistry 32. Assistant Professor SUMNER, Mr. BODANSKY, and assistant.

20. **Advanced and Research Work in Chemistry.** Throughout the year. Assistant Professor SUMNER.

PSYCHOLOGY

*1. **Elementary Psychology.** First term. Credit three hours. Professors TITCHENER and WELD, Assistant Professor HOISINGTON, Dr. BISHOP and Mr. FELDMAN.

*1a. **Elementary Psychology.** First term. Credit three hours. Assistant Professor DALLENBACH and Mr. FELDMAN.

*1b. **Elementary Psychology.** Second term. Credit three hours. Assistant Professor HOISINGTON and Dr. BISHOP.

2. **General Psychology, Problems and Points of View.** Second term. Credit three hours. Prerequisite, course 1, 1a, or 1b. Professor WELD, Assistant Professor DALLENBACH, Dr. BISHOP and Mr. FELDMAN.

3. **Experimental Psychology: Qualitative.** Repeated in second term. Credit three hours. Prerequisite, course 1, 1a, or 1b. Professor WELD, Assistant Professors DALLENBACH and HOISINGTON, Dr. BISHOP, and Mr. FELDMAN.

4. **Experimental Psychology: Quantitative.** Repeated in second term. Credit three hours. Prerequisite, courses 1, 1a or 1b, and 3. Professor WELD, Assistant Professors DALLENBACH and HOISINGTON, Dr. BISHOP, and Mr. FELDMAN.

5. **Systematic Psychology: Sensation, Image.** First term. Credit three hours. Prerequisite, course 3, or by special permission course 2. Professor WELD and Dr. BISHOP.

[5a. **Systematic Psychology: Perception, Idea.** First term. Credit three hours.] Not given in 1921-22.

6. **Systematic Psychology: Feeling, Attention, Action.** Second term. Credit three hours. Prerequisite, course 3, or by special permission course 2. Assistant Professors DALLENBACH and HOISINGTON.

[6a. **Systematic Psychology: Memory, Imagination, and Thought; Emotion and Volition.**] Not given in 1921-22.

7. **Reading of German Psychology.** First term. Credit one hour. Professor WELD.

8. **Reading of French Psychology.** Second term. Credit one hour. Professor WELD.

9. **Psychological Problems.** Throughout the year. Credit one to five hours a term. Prerequisite, course 4. Professor WELD, Assistant Professors DALLENBACH and HOISINGTON.

PUBLIC SPEAKING

1. **Public Speaking.** Throughout the year. Credit three hours a term. Professor DRUMMOND, Assistant Professors MUCHMORE and HUNT, and Messrs. CAPLAN, HANNAH and HUDSON. The '86 Memorial Prize in declamation is awarded annually in connection with this course.

1a. **Public Speaking.** Second term. Credit three hours. Messrs. CAPLAN, HANNAH and HUDSON. This course repeats the work of the first term in course 1.

*8. **Voice Training.** Repeated in second term. Credit one hour. Assistant Professor MUCHMORE.

8a. **Voice Training.** Second term. Credit one hour. Prerequisite, course 8 and consent of instructor. Assistant Professor MUCHMORE.

10. **Oral Reading.** Throughout the year. Credit two hours a term. Assistant Professor MUCHMORE.

12. **Argument and Debate.** Throughout the year. Credit three hours a term. Prerequisite course 1 or 1a. Assistant Professor HUNT.

15. **Advanced Public Speaking.** Throughout the year. Credit three hours a term. Professor DRUMMOND.

16. **Rhetoric of Public Address.** First term. Credit three hours. Assistant Professor HUNT.

17. **Great Orations.** Second term. Credit three hours. Assistant Professor MUCHMORE.

20. **Seminary.** Throughout the year. Credit two hours a term. For graduates. Open to seniors by permission. Professor DRUMMOND.

29. **Oral Expression for Architects.** First term. Credit three hours.

(See Announcement of the College of Architecture.)

ROMANCE LANGUAGES

FRENCH

*1. **Elementary Course.** Repeated in second term. Credit six hours; for upperclassmen, four hours only. Mr. Dow in charge.

*May not be counted for upperclass group.

*1a. **Elementary Course.** For students in the professional colleges. Throughout the year. Credit three hours a term. Not open to students in Arts and Sciences. The course is continuous throughout the year and no credit is allowed for the first term alone.

*2. **Intermediate Course.** First term. Credit three hours. Prerequisite, first year French of the entrance requirements.

*3. **Advanced Course.** Repeated in second term. Credit five hours; for upperclassmen, four hours only. Prerequisite course 1, 1a, 2, or second-year entrance French. Mr. Atwood in charge.

*3a. **Advanced Course.** For students in the professional colleges. Throughout the year. Credit three hours a term. Prerequisite course 1, 1a, 2, or second-year entrance French.

Not open to students in Arts and Sciences. The course is continuous throughout the year and no credit is allowed for the first term alone.

*4a. **Advanced Translation.** Repeated in second term. Credit three hours. Prerequisite course 3, 3a, or third-year entrance French. Mr. Atwood in charge.

*4b. **Advanced Translation.** Repeated in second term. Credit three hours. Prerequisite course 4a.

*5a. **Elementary Composition.** Repeated in second term. Credit three hours. Prerequisite course 3, 3a, or third-year entrance French. Mr. Cury in charge.

*5b. **Elementary Composition.** Repeated in second term. Credit three hours. Prerequisite course 5a. Mr. Cury in charge.

7a. **Intermediate Composition.** Repeated in second term. Credit three hours. Prerequisite course 5b. Assistant Professor PUMPELLY.

7b. **Intermediate Composition.** Repeated in second term. Credit three hours. Prerequisite course 7a. Assistant Professor PUMPELLY.

8. **Intermediate Composition.** Second term. Credit three hours. Prerequisite course 7b. Assistant Professor PUMPELLY.

9. **Advanced Composition.** Throughout the year. Credit three hours a term. Prerequisite course 7b. Professor GUERLAC.

10. **History of French Literature.** Throughout the year. Credit three hours a term. Prerequisite course 4a. Professor MASON.

17. **Literature of the Seventeenth Century.** Throughout the year. Credit three hours a term. Prerequisite course 10. Professor GUERLAC.

[18. **Literature of the Eighteenth Century.** Throughout the year. Credit three hours a term. Professor GUERLAC.] Not given in 1921-22. Courses 17 and 18 are usually given in alternate years.

19. **Literature of the Nineteenth Century.** Throughout the year. Credit three hours a term. Prerequisite course 10. Professor MASON.

[20. **Contemporary French Literature.** Throughout the year. Credit three hours a term. Professor MASON.] Not given in 1921-22. Courses 19 and 20 are usually given in alternate years.

[22. **French Phonetics.** First term. Credit two hours. Prerequisite course 5a. Professor MASON.] Not given in 1921-22.

23. **French Philology.** Throughout the year. Credit three hours a term. Prerequisite course 5a and entrance Latin. Assistant Professor PUMPELLY.

30. **The Teaching of French.** First term. Credit two hours. For seniors and graduates. Professor MASON.

31. **Prose of the Sixteenth Century.** Second term. Credit one hour. Prerequisite course 10. Professor MASON.

[32. **Poetry of the Sixteenth Century.** Second term. Credit one hour. Professor MASON.] Not given in 1921-22.

[34. **French Criticism.** Throughout the year. Credit one hour a term. Professor MASON.] Not given in 1921-22.

35. **Lectures in French.** Second term. Credit two hours. Professor GUERLAC.

41. **Old French Texts.** Throughout the year. Credit two hours a term. Primarily for graduates.

47. **Modern French Seminary.** Throughout the year. Credit two hours a term. Primarily for graduates. Professor MASON.

ITALIAN

*1. **Elementary Course.** Throughout the year. Credit three hours a term. Assistant Professor PUMPELLY. The course is continuous throughout the year and no credit will be allowed for the first term alone.

4. **Modern Italian Literature.** Throughout the year. Credit three hours a term. Prerequisite course 1, or second-year Italian of the entrance requirements. Professor KENISTON.

[14. **Dante.** First term. Credit three hours. Prerequisite course 4. Professor HAMILTON. Lectures on Dante and the Middle Ages. The *Divina commedia* and the *Vita nuova* will be studied in detail.] Not given in 1921-22.

15. **Literature of the Renaissance.** Second term. Credit three hours. Prerequisite course 4. Professor HAMILTON.

41. **Old Italian.** Second term. Credit two hours. Primarily for graduates. Professor HAMILTON.

ROMANCE PHILOLOGY

1. **Low Latin.** Second term. Credit two hours. Primarily for graduates. Professor HAMILTON.

[2. **Old Provençal.** First term. Credit two hours. Primarily for graduates. Professor HAMILTON.] Not given in 1921-22.

*May not be counted for upperclass group.

5. **Romance Phonetics.** Second term. Credit two hours. For upperclassmen and graduates. Professor KENISTON.

SPANISH

*1. **Elementary Course.** Repeated in second term. Credit six hours; for upperclassmen, four hours only. Mr. BERKOWITZ in charge.

*1a. **Elementary Course.** For students in the professional colleges. Throughout the year. Credit three hours a term. Mr. ZAPATA Y TORRES.

Not open to students in Arts and Sciences. The course is continuous throughout the year and no credit is allowed for the first term alone.

*2. **Intermediate Course.** First term. Credit three hours. Prerequisite, first-year Spanish of the entrance requirements. Mr. Dow.

*3. **Advanced Course.** Repeated in second term. Credit five hours; for upperclassmen, four hours only. Prerequisite course 1, 1a, 2, or second-year entrance Spanish.

*4a. **Advanced Translation.** Repeated in second term. Credit three hours. Prerequisite course 3, or third-year entrance Spanish.

*4b. **Advanced Translation.** Repeated in second term. Credit three hours. Prerequisite course 4a. Mr. BERKOWITZ in charge.

*5a. **Elementary Composition.** Repeated in second term. Credit three hours. Prerequisite course 3, or third-year entrance Spanish. Mr. ZAPATA Y TORRES.

*5b. **Elementary Composition.** Repeated in second term. Credit three hours. Prerequisite course 5a. Dr. SANJURJO.

7a. **Intermediate Composition.** Repeated in second term. Credit three hours. Prerequisite course 5b. Dr. SANJURJO.

7b. **Intermediate Composition.** Second term. Credit three hours. Prerequisite course 7a. Mr. ZAPATA Y TORRES.

9. **Advanced Composition.** Throughout the year. Credit three hours a term. Prerequisite course 7b. Dr. SANJURJO.

10. **History of Spanish Literature.** Throughout the year. Credit three hours a term. Prerequisite course 4a. Professor KENISTON.

19. **Literature of the Nineteenth Century.** First term. Credit three hours. Prerequisite course 4b or 10. Dr. SANJURJO.

20. **Contemporary Spanish Literature.** Second term. Credit three hours. Prerequisite course 4b or 10. Dr. SANJURJO.

[30. **The Teaching of Spanish.** Second term. Credit three hours. For upperclassmen intending to teach Spanish. Professor KENISTON.] Not given in 1921-22. Course 30 is given in alternate years.

41. **Old Spanish.** Throughout the year. Credit two hours a term. Primarily for graduates. Professor KENISTON.

[43. **Seminary.** Throughout the year. Credit two hours a term. Primarily for graduates. Professor KENISTON. Not given in 1921-22.]

SCANDINAVIAN LANGUAGES AND LITERATURES

1. **Old Icelandic.** Throughout the year. Credit two hours a term. Assistant Professor HERMANSSON.

For advanced students and graduates.

[2. **Danish (and Dano-Norwegian).** Throughout the year. Credit two hours a term. Assistant Professor HERMANSSON.] Not given in 1921-22.

3. **Swedish.** Throughout the year. Credit two hours a term. Assistant Professor HERMANSSON.

4. **Norse Mythology.** First term. Credit one hour. Assistant Professor HERMANSSON.

[5. **Old Norse-Icelandic Literature.** First term. Credit two hours. Assistant Professor HERMANSSON.] Not given in 1921-22.

[6. **Modern Scandinavian Literatures.** Second term. Credit two hours. Assistant Professor HERMANSSON.] Not given in 1921-22.

7. **Early Scandinavian Civilization and History.** Throughout the year. Credit two hours a term. Assistant Professor HERMANSSON.

SEMITIC LANGUAGES AND LITERATURES AND ORIENTAL HISTORY

1a. **Hebrew.** Throughout the year. Credit three hours a term. Professor SCHMIDT. Open only to juniors, seniors, and graduates.

1b. **Advanced Hebrew.** Throughout the year. Credit two hours a term. Prerequisite course 1a. Professor SCHMIDT.

2a. **Arabic.** Throughout the year. Credit two hours a term. Professor SCHMIDT. Open only to juniors, seniors, and graduates.

2b. **Advanced Arabic.** Throughout the year. Credit two hours a term. Prerequisite course 2a. Professor SCHMIDT.

3. **Ethiopic.** Throughout the year. Credit two hours a term. Prerequisite courses 1a, 2a. Professor SCHMIDT. Primarily for graduates.

4a. **Assyrian.** Throughout the year. Credit two hours a term. Prerequisite courses 1a, 2a. Professor SCHMIDT.

4b. **Aramaic.** Throughout the year. Credit two hours a term. Prerequisite course 1a. Professor SCHMIDT.

5a. **Egyptian.** Throughout the year. Credit two hours a term. Prerequisite courses 1a, 2a. Professor SCHMIDT.

2a. Professor SCHMIDT.

*May not be counted for upperclass group.

- 5b. **Coptic.** Throughout the year. Credit two hours a term. Prerequisite course 5a. Professor SCHMIDT. Primarily for graduates.
6. **Biblical Literature.** Throughout the year. Credit two hours a term. Professor SCHMIDT. Open to juniors, seniors, and graduates. No knowledge is required of Semitic languages or of Greek.
7. **Semitic Seminary.** Throughout the year. Credit two hours a term. Prerequisite courses 1a, 4b. Professor SCHMIDT.
8. **Comparative Semitic Philology.** Throughout the year. Credit one hour a term. Professor SCHMIDT. For graduates only.
- 9a. **Oriental History.** Throughout the year. Credit two hours a term. Professor SCHMIDT. Open to juniors, seniors, and graduates.

ZOOLOGY

- *1. **General Zoology.** Throughout the year. Credit three hours a term. Professors REED and YOUNG, Miss FISHER, Miss MEKEEL, and Miss McMULLEN.
- 1a. **General Zoology.** Second term. Credit three hours. Assistant Professor YOUNG.
- [2. **Morphology of Invertebrates.** Throughout the year. Credit three hours a term. Professor REED. Prerequisite course 1.] Given in alternate years. Not given in 1921-22.
3. **Comparative Anatomy of Vertebrates.** Throughout the year. Credit three hours a term. Professor REED and Mr. GAMBLE. Prerequisite course 1 or 5.
4. **Comparative Morphology and Phylogenesis of Vertebrates.** Throughout the year. Credit two hours a term. Professor REED. Given in alternate years.
12. Prerequisite, embryology (may accompany or precede), and one of the following: Course 3, or medical human anatomy.
5. **Systematic Vertebrate Zoology and Ecology.** Throughout the year. Credit three hours a term. Assistant Professor WRIGHT.
6. **Field Ornithology.** Second term. Credit three hours. Assistant Professor ALLEN and Mr. LEISTER.
- [7. **Ichthyology, Advanced Systematic and Field Zoology.** Second term. Credit three hours. Assistant Professor WRIGHT.] Not given in 1921-22.
8. **Herpetology.** First term. Credit three hours. Assistant Professor WRIGHT.
- [9. **Advanced Ornithology.** First term. Credit three hours. Prerequisite, course 5 or 6. Assistant Professor ALLEN and Mr. LEISTER.] Not given in 1921-22.
- [10. **Mammalogy.** First term. Credit three hours. Assistant Professor WRIGHT.] Not given in 1921-22.
11. **Economic Ornithology and Mammalogy.** First term. Credit three hours. Assistant Professor ALLEN and Mr. LEISTER.
12. **Comparative Mammalian Anatomy.** Second term. Credit three hours. Mr. GAMBLE.
13. **Special Problems and Research.** Throughout the year. Credit one or more hours. For seniors and graduates only.
14. **Seminary in Systematic Vertebrate Zoology.** Throughout the year. Credit one hour a term. Assistant Professor WRIGHT.
15. **Department Conference.** Fortnightly throughout the year or at times to be announced. No credit. Required of major students in general zoology and animal morphology.

*May not be counted for upperclass group.

COLLEGE OF LAW

For detailed information concerning the work of the College of Law, candidates for admission to that college should consult the Announcement of the College of Law which will be sent gratis on application to the Secretary of the University.

FACULTY OF THE COLLEGE OF LAW

LIVINGSTON FARRAND, A.M., M.D., LL. D., President of the University.
GEORGE GLEASON BOGERT, A. B., LL. B., Dean of the Faculty, and World War Memorial Professor of Law.
EDWIN HAMLIN WOODRUFF, LL.B., Professor of Law.
CHARLES TRACY STAGG, LL.B., Professor of Law and Secretary of the College.¹
CHARLES KELLOGG BURDICK, A.B., LL.B., Professor of Law.²
OLIVER LEROY McCASKILL, Ph.B., J.D., Professor of Procedure.
LYMAN P. WILSON, B.S., J.D., Professor of Law.
ROBERT SPROULE STEVENS, A.B., LL.B., Professor of Law.

JAMES WHITE PERSONS, LL.B. (Referee in Bankruptcy, Buffalo), Lecturer on the United States Bankruptcy Act.
JUDGE HARRINGTON PUTNAM, A.B., LL.D., (Justice of the New York Supreme Court, Brooklyn), Lecturer on the Law of Shipping and Admiralty.
LUCIUS WARD BANNISTER, A.B., LL.B., (of the Denver, Colo., bar), Lecturer on Western Water Rights.
JUDGE CHARLES MERRILL HOUGH, A.B., (Judge of the United States Circuit Court of Appeals, New York City), Lecturer on the Patent Laws of the United States.

EDWARD ECKER WILLEVER, Librarian.

THE DEGREE OF BACHELOR OF LAWS

For admission to the College of Law, see p. 46; for tuition in the College of Law, see p. 53.

The undergraduate instruction for students in the College of Law leads to the degree LL.B., the requirement for which is the completion of one of the following curricula.

1. The curriculum of three years, designed for college graduates or for those who have completed at least two years of college work.
2. The curriculum of six years, leading to the degrees of A.B. and LL.B.

Admission to Advanced Standing

Any person entitled to enter the first year of the three-year law course, who has been in regular attendance for at least one academic year of not less than eight months at another law school having a three-year course for its degree, will be admitted to the second year class upon passing the examinations for advanced standing in the studies of the first year. No one will be admitted to advanced standing beyond the second year, except by special vote of the Faculty.

Admission as Special Students

Applicants who are twenty-one years of age may, in the discretion of the Faculty, be admitted to the College as special students not candidates for a degree, provided they present the New York Regents' Law Student Certificate or a substantial equivalent. This privilege will be granted only upon written application specifying the age of the applicant and the amount of preparatory study or

¹Absent on leave, 1921-22.

²Absent on leave, second term, 1921-22.

of previous law study, and accompanied, if practicable, with certificates from the preparatory school, law school, or attorney under whose direction such studies have been pursued. New York students will not be admitted as special students unless they present a Regents' Law Student Certificate. Applicants are advised to correspond with the Dean of the College before presenting themselves in person.

Admission of Students from Other Colleges of the University

Subject to the regulation of the college in which he is registered, and of the College of Law, a student from another college of the University may elect work in the College of Law; but he is not permitted to do so before the beginning of his junior year, except upon presentation of special reasons to the Dean of the Law Faculty. Work permitted to be taken in the College of Law may be counted towards the law degree.

For the admission of seniors from the College of Arts and Sciences, see below.

THE CURRICULUM OF THREE YEARS

First Year

1. **Contract.** First term, five hours; second term, four hours until the Spring recess. Professor WOODRUFF.
(Courses 1 and 2 constitute a continuous course and registration must be for the entire year.)
2. **Agency.** Four hours from the Spring recess. Huffcut's *Cases on Agency* (2d ed.). Professor WOODRUFF.
3. **Torts (including Master and Servant).** Three hours. Professor WILSON.
4. **Criminal Law and Procedure.** First term. Four hours. Professor BURDICK.
5. **Property Ia.** First term. Two hours. Professor BOGERT.
6. **Property Ib.** Second term. Three hours. Professor BOGERT.
7. **Procedure I.** Second term. Four hours. Professor MCCASKILL.

Second Year

20. **Property II.** First term. Three hours. Professor BOGERT.
21. **Negotiable Paper.** Second term. Three hours. Professor BURDICK.] Not given in 1921-22.
22. **Probate Law.** First term. Three hours. Professor WILSON.
23. **Equity Jurisdiction.** First term, two hours; second term, three hours. Professor STEVENS.
24. **Insurance.** Second term. Two hours. Professor WILSON.
25. **Domestic Relations and the Law of Persons.** Second term. Two hours. Professor WOODRUFF.
26. **Evidence.** First term. Four hours. Professor MCCASKILL.
27. **Sales.** Second term. Three hours. Professor BOGERT.
28. **Procedure IIa.** First term. Three hours. Professor MCCASKILL.
30. **Procedure IIIa.** See course 36, Third year.
41. **Conflict of Laws.** See course 41, Third year.

Third Year

29. **Procedure IIb.** First term. Two hours. Professor STEVENS.
30. **Mortgages.** First term. Two hours. Professor WILSON.
31. **Suretyship.** First term. Two hours. Professor BURDICK.
32. **Law of Associations (Partnership and Private Corporations).** First term, two hours; second term, three hours. Professor STEVENS.
33. **Quasi-Contracts.** First term. Two hours. Professor WOODRUFF.
34. **Law of Public Service and Carriers.** First term. Three hours. Professor BURDICK.
35. **Constitutional Law.** First term. Three hours. Professor BURDICK.] Not given in 1921-22.
36. **Procedure IIIa.** Second term. Two hours. Professor STEVENS. (In 1921-22, to second and third year classes combined.)
37. **Procedure IIIb. Practice Court.** Second term. Four hours. Professor MCCASKILL.
38. **Property III.** Second term. Two hours. Professor BOGERT.
39. **Trusts.** First term. Two hours. Professor BOGERT.
41. **Conflict of Laws.** Second term. Three hours. Professor WILSON.

CURRICULUM OF SIX YEARS IN ARTS AND SCIENCES AND LAW

Under the regulations of the College of Arts and Sciences a qualified senior may take all his work in the College of Law, receiving the degree of A.B. at the

end of the year, and at the same time completing the work of the first year of the three-year law course in the College of Law. By two additional years of residence in the College of Law, he will be able to satisfy the requirements for the degree LL.B.

PRACTICE DEPARTMENT

The curriculum of the College of Law is not confined to instruction in the principles of substantive law and of pleading and evidence. So far as possible the student is trained to apply these principles to the more common problems met with in practice. In the first year the student receives instruction in legal bibliography, the use of authorities, the actual finding and collating of authorities, and the preparation of briefs upon elementary subjects. This is given in the classroom and by library practice. He is also instructed in the organization and jurisdiction of courts, state and federal, and the commencement of actions. An extended course in New York practice is given, and in it are pointed out the principles common to all jurisdictions. A course is also given in the practice of probate courts, and, in the last term of the senior year, a practical course in conveyancing.

CORNELL LAW QUARTERLY

This legal periodical, published by the Faculty and an editorial board of students of the College of Law, was established in 1915, and is issued in November, January, March, and May. The preparation by students of notes on recent cases for publication in the *Quarterly* affords valuable training in legal research and editorial work under the supervision of members of the Faculty.

SPECIAL COURSES OF LECTURES BEFORE THE COLLEGE OF LAW

ATTENDANCE REQUIRED OF JUNIORS AND SENIORS

The Federal Bankruptcy Act. Six lectures. Mr. PERSONS.

Western Water Rights and Irrigation Law. Six lectures. Mr BANNISTER.

The Patent Laws of the United States. Six lectures. Mr. HOUGH.

The Law of Shipping and Admiralty. Six lectures. Judge PUTNAM.

Each of these courses is given in alternate years.

OTHER LECTURES

Provision is also made for single lectures to be given from time to time upon topics of immediate legal interest. The Frank Irvine lectureship, established in 1913 by the Conklin Chapter of Phi Delta Phi, provides for one or more lectures each year. Many lectures by non-residents are also given each year under the auspices of the University or some of the other colleges, and are frequently of particular interest and value to students in the College of Law.

ELECTIVES IN THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences offers instruction in a large number of subjects of particular value to the lawyer. Courses are thus provided on international law, Roman law, canon law, and on many general and special topics in history, government and administration, economics, and public speaking. These courses are open to law students, subject to the regulations of the College of Arts and Sciences and to the prior demands of the regular schedule of professional courses in the College of Law.

EXAMINATION AND CLASS STANDING

Examinations are held at the end of the term in the work of that term, and in September for the removal of conditions. The following grades are given upon examinations: A, excellent; B, good; C, fair; D, poor; Cond., failure to pass. AA may be given for a paper of exceptional excellence. A student failing for the first time to maintain the standard required for remaining in the College may,

in the discretion of the faculty, be permitted to return the following year and repeat the entire work of the term during which the failure occurred; but a student who fails the second time will be permanently dropped. Detailed provisions with respect to examinations and class standing are stated in the *Rules for the Guidance of Law Students* issued on registration day of the first term.

CERTIFICATE OF ATTENDANCE

Each student who has been in regular attendance upon the College, whether entitled to a degree or not, may, on application to the Dean, receive an official certificate of attendance, which states the time of his attendance, and if desired, the measure of his attainments. The certificate of a year's satisfactory attendance required by the New York Bar examiners, implies not only regular attendance upon but also the successful completion of the prescribed course of instruction for a full year (not less than ten hours a week).

For the Library of the College of Law, see p. 183.

SCHOLARSHIPS AND PRIZES

The **Boardman Senior Prize Scholarship** and the **Fraser Scholarships** are awarded only to students in the College of Law. For these and for the various scholarships and prizes that are open to all students in Cornell University see pp. 186-191.

THE MEDICAL COLLEGE

For detailed information concerning the work of the Medical College, candidates for admission to that college should consult the Announcement of the Medical College which will be sent gratis on application to the Secretary of Cornell Medical College, 477 First Avenue, New York City.

FACULTY OF MEDICINE IN NEW YORK CITY

LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University.
WALTER LINDSAY NILES, M.D., Dean and Professor of Clinical Medicine.
JEREMIAH SWEETSER FERGUSON, M.S., M.D., Assistant Professor of Clinical Medicine, Department of Pediatrics, and Secretary of the Faculty.
FREDERIC SHEPARD DENNIS, A.B., M.D., F.R.C.S., Professor of Clinical Surgery, Emeritus.
NEWTON MELMAN SHAFFER, M.D., Professor of Orthopedic Surgery, Emeritus.
WILLIAM GILMAN THOMPSON, Ph.B., M.D., Professor of Medicine, Emeritus.
JOSEPH EDCIL WINTERS, M.D., Professor of Clinical Medicine, Department of Pediatrics, Emeritus.
GEORGE THOMPSON ELLIOT, A.B., M.D., Professor of Clinical Medicine, Department of Dermatology, Emeritus.
JAMES CLIFTON EDGAR, Ph. B., A.M., M.D., Professor of Obstetrics, Emeritus.
GEORGE WOOLSEY, A.B., M.D., Professor of Clinical Surgery.
JAMES EWING, A.M., Sc.D., M.D., Professor of Pathology.
GRAHAM LUSK, M.D., Ph.D., Sc.D., F.R.S. (Edin.), Professor of Physiology.
FRANK SHERMAN MEARA, A.B., Ph.D., M.D., Professor of Clinical Medicine.
ROBERT ANTHONY HATCHER, Ph.G., M.D., Professor of Pharmacology and Materia Medica.
CHARLES RUPERT STOCKARD, B.S., M.S., Ph.D., Professor of Anatomy.
LEWIS ATTERBURY CONNER, Ph.B., M.D., Professor of Medicine.
WILLIAM JAMES ELSE, M.D., Professor of Bacteriology.
STANLEY R. BENEDICT, Ph.D., Professor of Chemistry.
CHARLES LANGDON GIBSON, A.B., M.D., Professor of Surgery.
JOHN AUGUSTUS HARTWELL, Ph.B., M.D., Associate Professor of Surgery.
CHARLES LOOMIS DANA, A.M., M.D., LL.D., Professor of Clinical Medicine, Department of Neurology.
FREDERICK WHITING, A.M., M.D., Professor of Clinical Surgery, Department of Otolaryngology.
EDWARD LOUGHBORO KEYES, jr., Ph.D., M.D., Professor of Clinical Surgery, Department of Urology.
ROBERT GRIGG REESE, Ph.G., M.D., Professor of Clinical Surgery, Department of Ophthalmology.
OTTO HENRY SCHULTZE, A.B., M.D., Professor of Pathological Anatomy.
ALFRED S. TAYLOR, M.D., Professor of Clinical Surgery.
WILLIAM CROOKS THRO, B.S.A., A.M., M.D., Professor of Clinical Pathology.
GEORGE GRAY WARD, jr., M.D., Professor of Obstetrics and Gynecology.
ALEXANDER LAMBERT, A.B., Ph.B., M.D., Professor of Clinical Medicine.
CHARLES EDWARD NAMMACK, Ph.B., M.D., LL.D., Professor of Clinical Medicine, Department of Medicine.
IRVING SAMUEL HAYNES, Ph.B., M.D., D.Sc., Professor of Clinical Surgery, Department of Surgery.
JOHN ROGERS, Ph.D., M.D., Professor of Clinical Surgery, Department of Surgery.
HARMON SMITH, A.B., M.D., Professor of Clinical Surgery, Department of Laryngology and Rhinology.
BURTON JAMES LEE, A.B., Ph.B., M.D., Professor of Clinical Surgery.
CHARLETON WALLACE, M.D., Professor of Clinical Surgery, Department of Orthopedic Surgery.
HOWARD LILIENTHAL, M.D., Professor of Clinical Surgery, Department of Surgery.

- LEWIS G. COLE, M.D., Professor of Roentgenology.
 JOHN CUTLER TORREY, Ph.D., Professor of Hygiene.
 GEORGE HUGHES KIRBY, B.S., M.D., Professor of Clinical Medicine, Department of Psychiatry.
 JAMES MORLEY HITZROT, A.B., M.D., Professor of Clinical Surgery, Department of Surgery.
 HARRY MILES IMBODEN, M.D., Professor of Roentgenology.
 WARFIELD THEODORE LONGCOPE, M.D., Professor of Clinical Medicine.
 ROBERT FOSTER KENNEDY, M.D., F.R.S. (Edin.), Associate Professor of Clinical Medicine, Department of Neurology.
 EUGENE F. DUBOIS, A.B., M.D., Associate Professor of Medicine.
 HAROLD CAPRON BAILEY, M.D., Associate Professor of Obstetrics and Gynecology.
 WILLIAM HILL SHELDON, M.D., Assistant Professor of Medicine.
 MALCOLM GOODRIDGE, A.B., M.D., Assistant Professor of Therapeutics.
 PERCY R. TURNURE, A.M., M.D., Assistant Professor of Clinical Surgery.
 HORACE WESTLAKE FRINK, M.D., Assistant Professor of Clinical Medicine, Department of Neurology.
 JOSEPH P. HOGUET, M.D., Assistant Professor of Clinical Surgery.
 CARY EGGLESTON, M.D., Assistant Professor of Pharmacology.
 ROBERT CHAMBERS, jr., A.M., Ph.D., Assistant Professor of Anatomy.
 JOHN C. A. GERSTER, M.D., Assistant Professor of Clinical Surgery.
 CHARLES V. MORRILL, Ph.D., Assistant Professor of Anatomy.
 NELLIS BARNES FOSTER, A.M., M.D., Assistant Professor of Medicine.
 HENRY M. LYLE, M.D., Assistant Professor of Surgery.
 ARTHUR H. CILEY, M.D., Assistant Professor of Surgery, Department of Orthopedic Surgery.
 ELISE S. L'ESPERANCE, M.D., Assistant Professor of Pathology.
 BERNARD SAMUELS, M.D., Assistant Professor of Clinical Surgery, Department of Ophthalmology.
 ROBERT ANDERSON COOKE, A.B., A.M., M.D., Assistant Professor of Applied Immunology.
 RUSSELL L. CECIL, M.D., Assistant Professor of Clinical Medicine.
 ARTHUR F. COCA, M.D., Assistant Professor of Immunology.
 LILLIAN K. P. FARRAR, M.D., Ph.D., Assistant Clinical Professor of Obstetrics and Gynecology.
 ARTHUR L. HOLLAND, M.D., Assistant Professor of Clinical Medicine.
 HAROLD ELMORE SANTEE, A.B., M.D., Assistant Professor of Clinical Surgery.
 RALPH G. STILLMAN, M.D., Assistant Professor of Clinical Pathology.
 CHARLES E. FARR, M.D., Assistant Professor of Clinical Surgery.
 RAYMOND GARRISON HUSSEY, M.D., Assistant Professor of Pathology.
 SAMUEL BRADBURY, M.D., Assistant Professor of Clinical Medicine.
 DAYTON JAMES EDWARDS, B.S., Ph.D., Assistant Professor of Physiology.
 DAVID PRESWICK BARR, A.B., M.D., Instructor in Medicine.
 WALTER H. BRUNDAGE, M.D., Instructor in Medicine.
 RALPH EUGENE HERENDEEN, M.D., Instructor in Roentgenology.
 NANCY JENISON, A.B., M.D., Instructor in Medicine.
 JAMES H. KENYON, B.S., M.D., Instructor in Clinical Surgery.
 JOHN F. McGRATH, M.D., Instructor in Obstetrics and Gynecology.
 EMIL OSTERBERG, Instructor in Chemistry.
 GEORGE PAPANICOLAU, Ph.D., M.D., Instructor in Anatomy.
 HAROLD E. B. PARDEE, M.D., Instructor in Medicine.
 JOHN H. RICHARDS, M.D., Instructor in Clinical Pathology and in Medicine.
 JOSEPH CHARLES ROPER, M.D., Instructor in Clinical Medicine, Department of Pediatrics.
 HANS JÖRGEN SCHWARTZ, M.D., Instructor in Clinical Medicine, Department of Dermatology.
 WILLIAM L. SNEED, M.D., Instructor in Applied Anatomy.
 LAWRENCE W. STRONG, M.D., Instructor in Gynecological Pathology.
 HERVEY C. WILLIAMSON, M.D., Instructor in Obstetrics and Gynecology.

- JAMES WORCESTER, M.D., Instructor in Clinical Surgery.
EDWARD CHRISTOPHER BRENNER, A.M., M.D., F.A.C.S., Instructor in Operative Surgery.
BERNARD S. DENZER, Instructor in Clinical Medicine, Department of Pediatrics.
ELIZABETH FRANCKE, A.M., M.D., Ph.D., Instructor in Chemistry.
KENNETH JOHNSON, A.B., M.D., Instructor in Surgery and in Operative Surgery.
MORTON C. KAHN, A.B., M.D., Instructor in Hygiene.
CHARLES A. LANG, M.D., Instructor in Clinical Medicine, Department of Pediatrics.
NILS P. LARSEN, B.S., M.D., Instructor in Medicine.
WILLIAM S. McCANN, A.B., M.D., Instructor in Medicine.
THOMAS PALMER NASH, A.M., M.D., Ph.D., Instructor in Chemistry.
LOUIS C. SCHROEDER, A.M., M.D., Associate in Clinical Medicine, Department of Pediatrics.
WILLIAM PETER STRAIN, A.M., M.D., Instructor in Clinical Medicine, Department of Pediatrics.
ABRAHAM O. WILENSKY, A.M., M.D., F.A.C.S., Instructor in Operative Surgery.
CLARENCE O. CHENEY, M.D., Instructor in Clinical Medicine, Department of Psychiatry.
HOWARD S. JECK, Ph.B., M.D., Instructor in Clinical Surgery, Department of Urology.
CHARLES HALPIN NAMMACK, A.B., M.D., LL.D., Instructor in Clinical Medicine.
ALFRED HENRY RAHE, Ph.D., M.D., Instructor in Bacteriology.
GEORGE WHITING WHEELER, M.D., Instructor in Bacteriology.
HARRY L. ALEXANDER, A.B., M.D., Instructor in Medicine.
ABRAHAM J. BELLER, B.S., M.D., Instructor in Operative Surgery.
LEILA C. KNOX, A.B., M.D., Instructor in Surgical Pathology.
JOSE F. NONIDIZ, Sc.D., Instructor in Anatomy.
JOHN M. O'CONNOR, M.D., Instructor in Operative Surgery.
JESSE SAMMIS, M.D., Instructor in Clinical Medicine, Department of Pediatrics.
MORRIS K. SMITH, M.D., Instructor in Surgery.
DAN HITER WITT, M.D., Instructor in Medicine.
CHARLES S. B. CASSASSA, A.B., M.D., Instructor in Pathological Anatomy.
GUILFORD S. DUDLEY, A.B., M.D., Instructor in Clinical Surgery.
MORTON C. RYDER, A.B., M.D., Instructor in Pathological Anatomy.
CHARLES H. BAILEY, M.D., Instructor in Gynecological Pathology.
FRANCIS WALTER GRAVELLE, M.D., Instructor in Obstetrics and Gynecology.
HENRY J. SPENCER, M.D., Instructor in Medicine.
FENTON TAYLOR, M.D., Instructor in Clinical Surgery.
JOSEPH E. KING, M.D., Instructor in Surgery.
HOWARD S. McCANDLISH, M.D., Instructor in Obstetrics and Gynecology.
SANGER BROWN, M.D., Instructor in Clinical Medicine, Department of Psychiatry.
HENRY RICHARD MULLER, A.B., M.D., Instructor in Pathology.
HENRY B. RICHARDSON, A.B., M.D., Instructor in Medicine.
WALTER CLARK MONTGOMERY, M.D., Instructor in Clinical Surgery, Department of Surgery.
MAY G. WILSON, M.D., Instructor in Clinical Medicine, Department of Pediatrics.
PHILIP M. STIMSON, A.M., M.D., Instructor in Clinical Medicine, Department of Pediatrics.
BENNE MAURICE WRONKER, A.M., M.D., Instructor in Clinical Medicine, Department of Pediatrics.
MICHAEL RINGER, M.D., Associate in Physiology.
H. JEANNETTE ALLEN BEHRE, A.B., Associate in Chemistry.
ELLIS M. BLACK, A.M., M.D., Associate in Chemistry.

Clinical Instructors

- ARTHUR E. HOAG, M.D., Clinical Instructor in Surgery, Department of Surgery.
 GEORGE BIRMINGHAM McAULIFFE, A.B., M.D., Clinical Instructor in Surgery, Department of Otolaryngology.
 CLARENCE P. OBERNDORF, M.D., Clinical Instructor in Medicine, Department of Neurology.
 WILLIAM L. SOULE, A.B., M.D., Clinical Instructor in Anaesthesia, Department of Surgery.
 FREDERICK W. STECHMANN, M.D., Clinical Instructor in Medicine, Department of Neurology.
 RICHMOND STEPHENS, M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery.
 JUNIUS W. STEPHENSON, M.D., Clinical Instructor in Medicine, Department of Neurology.
 GEORGE W. VANDEGRIFT, A.M., [M.D., Clinical Instructor in Surgery, Department of Ophthalmology.
 LUCIUS A. WING, B.S., M.D., Clinical Instructor in Surgery, Department of Surgery.
 HERBERT F. JACKSON, A.M., M.D., Clinical Instructor in Medicine, Department of Pediatrics.
 ANDREW J. GILMOUR, M.D., Clinical Instructor in Medicine, Department of Dermatology.
 AQUIN S. KELLY, M.D., Clinical Instructor in Surgery, Department of Ophthalmology.
 OSCAR L. LEVIN, M.D., Clinical Instructor in Medicine, Department of Dermatology.
 MAX S. ROHDE, A.B., M.D., Clinical Instructor in Surgery, Department of Maxillofacial Surgery.
 GEORGE S. STEVENSON, M.D., Clinical Instructor in Medicine, Department of Psychiatry.
 JULIUS J. VALENTINE, M.D., Clinical Instructor in Surgery, Department of Urology.
 IRVIN BALENZWEIG, A.B., M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery.
 WILLIAM V. HEALEY, A.B., M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery.
 MORRIS FRIEDSON, Clinical Instructor in Medicine, Department of Pediatrics.

Assistants

- RICHARD W. BOLLING, M.D., Clinical Surgery.
 S. DOUGLAS PALMER, A.B., M.D., Anatomy.
 JOSEPHINE B. NEAL, A.B., M.D., Medicine.
 EMILY T. BURR, A.M., Pathology.
 FENWICK BEEKMAN, A.M., M.D., Clinical Surgery.
 HARRY BAKWIN, M.D., Pediatrics.
 BRADLEY COLEY, M.D., Clinical Surgery.
 WINIFRED KIRK, A.B., Anatomy.
 ROYCE PADDOCK, M.D., Clinical Medicine.
 ETHAN F. BUTLER, M.D., Clinical Surgery.
 OLIN DEIBERT, A.B., M.D., Immunology.
 JAMES S. DENTON, M.D., Pathological Anatomy.
 BEATRICE FAIRBANKS, M.D., Neuro-Pathology.
 RUSSELL H. PATTERSON, M.D., Clinical Surgery.
 DAVID RAPPORT, M.D., Physiology.
 WILLIAM H. SMITH, M.D., Surgical Pathology.
 REGINALD S. CRISPELL, A.B., M.D., Neuro-Anatomy.
 ASA LIGGETT LINCOLN, M.D., Clinical Medicine.
 CLAY RAY MURRAY, M.D., Clinical Surgery.

Lecturers

MAX EINHORN, M.D., Lecturer on Diseases of the Stomach.

JOHN T. MCCURDY, M.D., Lecturer on Clinical Medicine, Department of Psychiatry.

GEORGE W. HAWLEY, A.M., M.D., Lecturer on Fractures.

FACULTY OF MEDICINE AT ITHACA

LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University.

ABRAM TUCKER KERR, B.S., M.D., Professor of Anatomy and Secretary of the Medical College at Ithaca.

SIMON HENRY GAGE, B.S., Professor of Histology and Embryology, Emeritus.

WILLIAM RIDGELY ORNDORFF, Ph.D., Professor of Organic and Physiological Chemistry.

BENJAMIN FREEMAN KINGSBURY, Ph.D., M.D., M.S., Professor of Histology and Embryology.

SUTHERLAND SIMPSON, D.Sc., M.D., F.R.S.E., World War Memorial Professor of Physiology.

JAMES BATCHELLER SUMNER, A.M., Ph.D., Assistant Professor of Biochemistry.

JAMES WENCESLAS PAPEZ, A.B., M.D., Assistant Professor of Anatomy and Neurology.

STANLEY ROSS BURLAGE, B.S., Ph. D., M.A., Instructor in Physiology.

AARON BODANSKY, Ph.D., Instructor in Biochemistry.

HOWARD SCOTT LIDDELL, A.B., A.M., Instructor in Physiology.

HOWARD BERNHARDT ADELMANN, A.B., A.M., Instructor in Histology and Embryology.

RUFUS RICHARD HUMPHREY, A.M., Instructor in Histology and Embryology.

VI ARVIN GRAHAM, A.M. Instructor in Biochemistry.

DOROTHY SEWELL, A.B., Assistant in Histology and Embryology.

SUTHERLAND ERIC SIMPSON, A.B., Assistant in Anatomy.

WALTER KENT VAN ALSTYNE, A.B., Assistant in Anatomy.

MABEL F. MARTIN, A.B., Assistant in Physiology.

WILLIAM V. WILKERSON, A.B., Assistant in Histology and Embryology.

FREDERICK T. SCHNATZ, Assistant in Histology and Embryology.

JOHN LATHAM BENHAM, B. Chem., Assistant in Biochemistry.

THE MEDICAL COLLEGE

The Cornell Medical College was founded in 1898. It comprises two divisions, one of which is in New York City, the other in Ithaca. The work of the whole curriculum of four years is given in New York City; the work of only the first year is given in Ithaca. Men may take the first year of the curriculum in New York City or in Ithaca as they may elect; women are required to take the first year in Ithaca.

BUILDINGS, LABORATORIES, AND HOSPITAL FACILITIES

The main building of the Medical College in New York City, comprising the Medical School and Dispensary, is situated in First Avenue from 27th to 28th Streets.

The Loomis Laboratory, which serves the purpose of instruction in connection with the laboratories in the main building of the College, is organized as a research laboratory with special departments in bacteriology, physiological chemistry, experimental medicine, and pharmacology.

The College Dispensary in the main building is intimately connected with the laboratory and research facilities of the College.

The New York Hospital has assigned one-half of its medical, surgical, and pathological services to the Medical College for the advancement of its teaching and research.

The Bellevue Hospital has placed the second of its four divisions at the disposal of the Faculty of the Medical College for medical instruction.

The Neurological Institute has offered certain work done by it to third and fourth year students in the Medical College.

The Manhattan State Hospital on Ward's Island, through the courtesy of the authorities, offers clinical instruction in its wards to Medical College students in psychiatry.

Thanks to the generosity of Dr. James Douglas, the Memorial Hospital has recently received a large endowment for the study, treatment, and research of cancer and allied diseases, on condition that the Hospital devote itself exclusively to such work and also that the Council of the Cornell University Medical College shall name the medical and surgical staff of the Hospital (subject, however, to the approval of the Board of Managers of the Hospital), and shall approve the five medical members of the said Board of Managers and nominate their successors as vacancies occur from time to time in these positions.

Stimson Hall, the building of the Ithaca Division of the Medical College is situated on the campus, and is a part of the general group of University buildings.

ADMISSION TO THE MEDICAL COLLEGE

Applications for admission to the Medical College are entertained from the following classes of candidates:

1. Graduates of approved colleges or scientific schools.
2. Seniors in good standing in approved colleges or scientific schools, upon condition that their faculties will permit them to substitute the first year in the Cornell University Medical College for the fourth year of their college course and will confer upon them the bachelor's degree upon the satisfactory completion of the year's work.*
3. Persons who give evidence by examinations that they have acquired an education equivalent to that signified by a bachelor's degree, and training sufficient to enable them to profit by the instruction offered in the Medical College.

*No student under this clause is permitted to enter the second year of the medical curriculum without the bachelor's degree obtained after at least three years of undergraduate work. This clause is intended to provide for those students who by specially directed or by specially proficient work accomplish the essential requirements for a B.S. or B.A. degree during three years of college residence.

All candidates for admission to the Cornell University Medical College must also present satisfactory courses in Physics, Chemistry, Biology, English, and a modern language, as outlined from time to time in the announcements of the Medical College.

ADMISSION TO ADVANCED STANDING

Applicants for advanced standing must have met in full the requirements for admission, and must have already attended the legally required number of courses in an approved regular medical college. Applicants thus qualified may be admitted to the Cornell University Medical College under the following conditions.

1. A properly attested certificate of actual attendance at a registered medical college for the full number of years of medical study for which time credit is asked, must be presented and approved.

2. A certificate showing that the student has satisfactorily completed in an approved medical college all the required work of the years for which credit is asked must be presented and approved.

3. Subject credit will be granted on presentation and approval, by the heads of departments, of properly attested certificates stating the courses already completed in an approved medical college, with the number of hours, didactic and laboratory, devoted thereto, together with the name of the instructor.

4. In the absence of the approved certificate called for in the preceding paragraph, subject credit for advanced standing will be granted only by examination.

ADMISSION TO SPECIAL COURSES

Graduates in medicine, or students who desire to pursue courses without credit toward graduation, are admitted to registration as special students, after approval by the head of the department conducting the course. Such special courses do not count in any way as part of the four-year course required of candidates for the degree of Doctor of Medicine.

TUITION AND LABORATORY FEES

The tuition for regular students in the Medical College, in New York City and in Ithaca, is \$300 a year. Laboratory fees are \$35 a year for the first three years, and \$25 for the fourth year. There is a final examination fee of \$25. A registration fee of \$10 is required of all regular students.

Tuition for special students depends on the nature of the courses pursued. For details, the Secretary of the Medical College in New York City should be consulted. All special students must pay a registration fee of \$10.

THE ACADEMIC YEAR

In the Medical College in New York City, the academic year is divided into three terms of eleven, ten, and eleven weeks, respectively. In the Ithaca division of the Medical College, the academic year consists of two terms of approximately equal length.

THE DEGREE OF DOCTOR OF MEDICINE

Instruction in the Medical College leads to the degree of Doctor of Medicine, the requirement for which is the completion of the following curriculum of four years:

First Year. Major subjects: Anatomy, Physiology, Organic Chemistry (including laboratory work), Histology and Embryology. Minor subject: Neuroanatomy, Physiological Chemistry.

Second Year. Major subjects: Physiology, Pharmacology and Materia Medica, Pathology, Bacteriology. Minor subjects: Medicine, Surgery, Obstetrics, Anatomy, Nutrition, Hygiene.

Third Year. Major subjects: Pathology, Obstetrics. Minor subjects: Medicine, Surgery, Clinical Pathology, Pediatrics, Neurology, Pathological Anatomy, Urology, Applied Anatomy, Therapeutics, Otolaryngology, Ophthalmology, Laryngology and Rhinology, Dermatology, and Psychiatry.

Fourth Year. Major subjects: Medicine, Surgery, Therapeutics, Pediatrics. Minor subjects: Neurology, Orthopedics, Genecology.

Major courses are extended courses or those in which a student completes his work in a given department or subject. Minor courses comprise the shorter laboratory and recitation courses.

Conditions allowed at the end of the first, of the second, and of the third year of the curriculum are one major and one minor or two minor subjects. All conditions must, however, be successfully passed before admission to the succeeding year. If at the end of the fourth year any student fails to pass in not more than one major, or in two minor subjects, a re-examination in these subjects may be allowed and if the candidate is then successful the degree may be conferred. If the candidate fails to pass in any subject at this second examination, the work of the fourth year must be repeated. Before being readmitted to the fourth year, the candidate may be required to pass a satisfactory examination in Anatomy, Physiology, Chemistry, and Materia Medica, the major subjects of the preceding years.

The minimum age at graduation must be twenty-one years.

Students who have been admitted to advanced standing are required to pass at least the fourth year of the curriculum in residence at the Medical College in New York City.

A Medical Student's Certificate, issued by the Department of Education of the State of New York, is required of all students before admission.

Candidates must have dissected at least one lateral half of the cadaver. They must, further, have taken the regular course of two weeks in practical obstetrics, and a certificate covering this course must be filed in the Secretary's office before registration for the final examinations, which begin about the last week of May.

The degree will not be conferred upon any candidate who, without the special permission of the Faculty, absents himself from the public Commencement.

EXAMINATIONS AND ADVANCEMENT IN COURSE

1. **Advancement.** Students are advanced in course from one year to the next upon recommendations by heads of departments after examination in the work of the year, but examinations in major or minor subjects may, at the discretion of the head of the department, include all the work previously covered in the year or years preceding the examinations in question.

2. **Examinations.** Examinations for advancement in course, for graduation, and for admission to advanced standing, are held at the close of the year, except that in each course extending through a part of the year only, the examination may be held at the close of the course.

A grade of 75 per cent is required to pass; a student failing to pass is either conditioned or dropped.

A conditioned student may be re-examined in September.

A student who fails to pass all his conditions will not be allowed to register in the succeeding year of the curriculum.

A dropped student will not be re-admitted.

PRIZES AND FELLOWSHIPS

The John Metcalfe Polk Prizes, the Whiting Prizes, and the William M. Polk Prizes are open only to students in the Medical College. For these, see pp. 189-191,

The following fellowships are awarded annually by the Medical College in New York City:

The Charles L. Sheldon Fellowships in Clinical Medicine, each of the annual value of \$250 or \$200.

The Fellowship in Pathology of an annual value of \$250.

Diplomas of Licentiate of the Royal College of Physicians of London and Membership of the Royal College of Surgeons of England

Graduates of the Cornell University Medical College are admitted to the final examinations for diploma of Licentiate of the Royal College of Physicians of London and Membership of the Royal College of Surgeons of England.

HOSPITAL APPOINTMENTS

The students and graduates of the Cornell University Medical College are nominated for positions on the resident staff of New York, Bellevue, and Memorial Hospitals, and are expected to compete for positions in the other hospitals of the city.

THE COMBINED A.B. AND M.D. DEGREES]

The two degrees, Bachelor of Arts and Doctor of Medicine, may be obtained in seven years. The first three years must be taken in the College of Arts and Sciences. The fourth year is the first year in the Medical College, and at the end of it the student receives the degree of A.B. The last three years are taken entirely in the College of Medicine in New York City.

COURSES OF INSTRUCTION IN NEW YORK CITY

ANATOMY

1. **Morphology.** Laboratory, 40 hours (elective), and demonstration conference, 22 hours (required). Professor STOCKARD.
2. **Embryology and Histology.** Laboratory course and lectures, 250 hours. October to March. Required of all first year students. Assistant Professor CHAMBERS, Dr. NONIDEZ, and assistants.
3. **Neuro-Anatomy.** Laboratory, eighty-eight hours. Required of all first year students. Third term. Assistant Professor MORRILL and Dr. NONIDEZ.
4. **Gross Anatomy of the Human Body.** First and second terms, first year. Total laboratory hours 308 (minimum). (1) The Upper Extremity. (2) The Head and Neck. (3) The Lower Extremity. (4) The Thorax. (5) The Abdomen and Pelvis. (6) A demonstration course. Optional for first year students. (7) A study room course in live anatomy. Optional for first year students. (8) Dissection review. A repetition of courses (1) to (5), giving an opportunity for advanced dissection. Optional for students of the second, third, or fourth year. (9) Topographical anatomy. Laboratory, ninety-nine hours. Required during the first term of second year. Professors STOCKARD and MORRILL, and assistants.
5. **Applied Anatomy.** Second term of the third year. Laboratory, sixty hours. Drs. SNEED, PALMER, and BALENZWEIG.
6. **Elective Courses Preparatory to the Specialties.** Laboratory, forty hours. Optional for students of the third and fourth years. Professor STOCKARD and instructors.
7. **Elective Courses for Advanced Students.** (1). General Histology. Twenty lectures, March to June. Assistant Professor CHAMBERS.
- (2). The Anatomy of the Infant. Twenty lectures arranged for in advance. Professor STOCKARD.
- (3). Developmental Arrests and Structural Deficiencies. Fifteen lectures. Professor STOCKARD.
- (4). Experimental Embryology. March to June. Twenty lectures with conferences considering the recent literature of the subject. Professor STOCKARD.
- (5). Regional Anatomy. Three half days for two months. Assistant Professor MORRILL and assistants.
- (6). Fourth Year Electives. Arranged to fit individual cases. Limited number of fourth year students.
8. **Anatomical Research.** Directed by members of the staff of instruction.

PHYSIOLOGY

Physiology. First year, 176 hours; second year, 123 hours. Professor LUSK, Assistant Professor EDWARDS, and Drs. RINGER and RAPPORT.

CHEMISTRY

Organic Chemistry. First term, first year, two lectures a week. Second term, first year, two lectures, one recitation, and two laboratory periods each week.

Physiological Chemistry. Third term, three lectures, two recitations, and three laboratory periods each week.

Chemical Pathology. Elective for fourth year.

Research in Chemistry. For advanced students by appointment.

The staff in the Department of Chemistry is composed of Professor BENEDICT, Messrs. OSTERBERG and NASH, Miss FRANCKE, and assistants.

PHARMACOLOGY

1. **Elementary Pharmacy, Toxicology, and Principles of Prescription Writing.** Twenty hours.

2. **Systematic Pharmacology.** Second and third terms. Forty-five hours devoted to lectures, conferences and written reviews. Professor HATCHER.

3. **Laboratory in Pharmacology.** Ninety hours. Professor HATCHER and Assistant Professor EGGLESTON.

4. **Research Elective.** Under the supervision of members of the staff.

MEDICINE

Second year. Clinics, recitations, physical diagnosis, and ward classes. Ninety-nine hours.

Third Year. Recitations and written reviews; twenty-one lectures; clinics in College Dispensary and Bellevue Hospital; medical diagnosis. One hundred and fifty-nine hours.

Fourth Year. Practical work as clinical clerks in Bellevue and New York Hospitals. Three hundred and thirty-six hours.

Clinical Pathology

Third Year. Laboratory lectures, and recitations (110 hours).

Fourth Year. Laboratory and research by appointment.

Research for graduate students by appointment.

The staff in medicine and clinical pathology is composed of Professors CONNER, THRO, NILES, MEARA, LAMBERT, NAMMACK, LONGCOPE, Assistant Professors FOSTER, GOODRIDGE, SHELDON,

CECIL, HOLLAND, BRADBURY, COOKE, Associate Professor DUBOIS, and Drs. EINHORN, BARR RICHARDS, PARDEE, JENISON, BRUNDAGE, STILLMAN, ALEXANDER, NAMMACK, LARSEN, WITT, NEAL, PADDOCK, EGGLESTON, SPENCER, RICHARDSON, and LINCOLN.

Therapeutics

Lectures. Required of third year students, thirty-two hours. Professors MEARA, POSTER, GOODRIDGE, Assistant Professors COOKE, and CECIL, and Dr. EGGLESTON.

Clinical Clerkships. In conjunction with the Department of Medicine the Department offers to each student a clerkship in the wards of Bellevue Hospital for a continuous period of service, half of which will be devoted to problems of medicine and half to therapeutics. Fourth year.

Recitations and Demonstrations. Required of third year students. Dr. GOODRIDGE.

SURGERY

Second Year. Lectures and clinics.

Third Year. Recitations and demonstrations.

Fourth Year. Clinical clerkships in Bellevue and New York Hospitals. Third term, electives.

The staff in this department is composed of Professors GIBSON, WOOLSEY, ROGERS, HAYNES, TAYLOR, LILIENTHAL, LEE, HITZROT, Assistant Professors LYLE, TURNURE, HOGUET, GERSTER, SANTEE, L'ESPERANCE, FARR, WORCESTER, Associate Professor HARTWELL, and Drs. HAWLEY, KENYON, JOHNSON, BRENNER, KNOX, SMITH, BELLER, WILENSKY, O'CONNOR, BEEKMAN, DUDLEY, BOLLING, TAYLOR, COLEY, WING, SOULE, MARSH, STILLMAN, KING, MURRAY, PATTERSON, and RYDER.

Hospital Work

New York Hospital, Cornell (First Surgical) Division. The staff of instruction is composed of Professors GIBSON, LEE, and HITZROT, Assistant Professor FARR, and instructors.

Bellevue Hospital, Cornell (Second Surgical) Division. The staff of instruction is composed of Professors HARTWELL, WOOLSEY, and ROGERS; Assistant Professors SANTEE, L'ESPERANCE, and assistants.

Surgical Clerkships. Each student devotes his entire day for four weeks to the study of patients in the wards of the New York and Bellevue hospitals.

OBSTETRICS AND GYNECOLOGY

Obstetrics

Second Year. Third term. Recitations and lectures. Professors BAILEY and WARD.

Third year. Recitations, lectures, and ward sections. Professor BAILEY and Drs. WILLIAMSON, GRAVELLE, and McCANDLISH.

Fourth Year. Practical instruction.

Elective. Practical obstetrics.

Gynecology

Second Year. Third term. (1) Recitations and lectures. (2) Examination and treatment of cases. (3) Operative clinic. (4) Personal observation. (5) Ward demonstrations and conferences.

Third Year. Pathological gynecology.

Fourth Year. Elective. Ward demonstrations and conferences.

The staff in this department is composed of Professors WARD and BAILEY, Assistant Professor FARRAR, and instructors.

PATHOLOGY

1. **General Pathology.** Lectures, museum and microscopical demonstrations and recitations, two hundred and forty-six hours. Third year. Professor EWING, Assistant Professor L'ESPERANCE, and Drs. MULLER and FAIRBANKS.

2. **Pathological Anatomy.** Lectures and demonstrations, eighty-four hours. Required in the second and third years.

3. **Autopsy Technique.** Section teaching at the morgue. Fourth year.

4. **Medico-legal Pathology.** Third and fourth years. Professor SCHULTZE and Dr. CASSA.

Electives. Fourth year. (1) Pathological technique; (2) Tumor diagnosis and general oncology; (3) Gynecological pathology; (4) Dermatopathology; (5) Neuropathology; (6) Surgical pathology; (7) Special pathology and study of groups of cases, with the preparation of a thesis.

CANCER RESEARCH

Since 1904, the work of the Huntington Fund for Cancer Research has been located in the laboratories of Cornell University Medical College under the general direction of the Department of Pathology, and with the collaboration of heads of other departments. Later through the support of Dr. James Douglas, and the co-operation of the Board of Governors, it has been extended to the laboratories of the Memorial Hospital. A laboratory building accommodating pathology, chemistry, and physics has recently been erected.

The organization of this work includes: Pathology, Professor EWING; Bacteriology, Professor TORREY; Immunology, Dr. COCA; Chemistry, Professor BENEDICT; Biology, Professor STOCKARD; Pathology, Professor L'ESPERANCE.

Clinical studies in the diagnosis, natural history, and treatment of neoplastic diseases are conducted in the hospital by the members of the staff. The general conduct of the ward service is in charge of Dr. WILLIAM S. STONE, Clinical Director of Cancer Research. The Radium Department is in charge of Dr. DOUGLAS QUICK, assisted in special fields by Drs. B. S. BARRINGER, BURTON J. LEE and others. The radium laboratory possesses four grams of radium metal, supplied by the National Radium Institute through Dr. JAMES DOUGLAS. The radium laboratory is in charge of Mr. GIACCHINO FAILLA, physicist, and four assistants. The X-Ray Department is in charge of Dr. RALPH E. HERENDEEN, Roentgenologist. The physics department has also the services of Professor J. S. SHEARER, consulting physicist, and Professor W. F. WILLCOX, consulting statistician.

BACTERIOLOGY

Bacteriology. Laboratory work and lectures, one hundred and fifty hours. Required in the second year.

Immunology. Second year, twenty-two hours; fourth year, sixty hours.

Elective. Fourth year. Sixty hours.

The staff in this department is composed of Professor ELSER, and Drs. COCA, COOKE, WHEELER, RAHE.

NEUROLOGY

Second Year. Lectures and clinics. Professor DANA.

Third Year. Clinics. Professor DANA.

Fourth Year. Clinics; sections; clinical clerkships.

The staff in this department is composed of Professor DANA, Associate Professor KENNEDY, and Drs. OBERNDORF, STEPHENSON, STECHMANN, KRAUS.

PSYCHIATRY

Third Year. Didactic lectures; clinical demonstrations and practical exercises.

Fourth Year. Electives.

The staff in this department is composed of Professor KIRBY, Drs. MCCURDY, CHENEY, BROWN, and STEVENSON.

PEDIATRICS

Third Year. Weekly clinical lectures and sections.

Fourth Year. Weekly clinical lectures; clinical clerkships.

The staff in this department is composed of Dr. SCHROEDER, Assistant Professor FERGUSON, and Drs. ROPER, STRAIN, SAMMIS, LANG, JACKSON, WILSON, STIMSON, DENZER, and BAKWIN.

UROLOGY

Third Year. First term, ten lectures; sections in the College Dispensary. Second term, weekly clinics in Bellevue Hospital.

Fourth Year. Clinical clerkships.

The staff of this department is composed of Professor KEYES, and Drs. JECK and VALENTINE.

DERMATOLOGY

Third Year. Sections. Twenty-four hours.

Fourth Year. Clinics. Elective.

The staff in this department is composed of Professor SCHWARTZ and Drs. GILMOUR and LEVIN.

LARYNGOLOGY AND RHINOLOGY

Third Year. Lectures and sections. Twenty-three hours.

Fourth Year. Clinical exercises. Elective. Professor SMITH and Dr. MONTGOMERY.

OPHTHALMOLOGY

Third Year. Sections and clinics. Thirty-five hours.

Fourth Year. Clinics. Elective. Professor REESE, Assistant Professor SAMUELS, and Drs. VANDEGRIFT, DRAKE, KELLY.

OTOLOGY

Third Year. Sections in the College Dispensary. Lectures. Professor WHITING, and Drs. McAULIFFE, and MULCAHY.

ORTHOPEDIC SURGERY

Third Year. Lectures and sections.

Fourth Year. Ward work in the Hospital for the Ruptured and Crippled. Professor WALLACE, Assistant Professor CILLEY, Drs. HEALEY and Balenzweig.

ROENTGENOLOGY

Third Year. Lectures and demonstrations. Twenty-two hours.

Fourth Year. Lectures and demonstrations. Elective. Professor IMBODEN and Dr. HERENDEEN.

HYGIENE

Second Year. Laboratory and field work. Eighty-eight hours. Professor TORREY and Mr. KAHN.

MEDICAL JURISPRUDENCE

Fourth Year. Courses of lectures from the standpoint of medico-legal autopsy (twenty-one hours). Professor SCHULTZE.

The clinical aspects of this subject are covered in the regular courses of study by several departments and by special lectures. Professors EDGAR, HATCHER, and KIRBY.

COURSES OF INSTRUCTION IN THE ITHACA DIVISION OF THE MEDICAL COLLEGE

ANATOMY

Courses 1, 2, 3, 5, and 6 are required of first year medical students.

1. **Anatomy of the Head and Neck.** First term. Credit four hours. Twenty-one actual hours a week for seven weeks. Laboratory work, dissection, and conference. Professor KERR, Assistant Professor PAPEZ, and assistants.

2. **Anatomy of the Thoracic Walls and Viscera.** First term. Credit one hour. Twenty-one actual hours a week for seven weeks. Laboratory work, dissections, and conferences. Professor KERR, Assistant Professor PAPEZ, and assistants.

3. **Anatomy of the Abdominal and Pelvic Walls and Viscera.** First term. Credit four hours. Twenty-two actual hours a week for seven weeks. Laboratory work, dissection and conferences. Professor KERR, Assistant Professor PAPEZ, and assistants.

5. **The Nervous System, Anatomy, Histology, and Development.** Second term. Credit three hours. Eleven actual hours a week. Dissection, with occasional demonstrations and recitations. Assistant Professor PAPEZ.

6. **Anatomy of the Living Body.** Second term. Credit one hour. Two actual hours a week. Professor KERR.

7. **Anatomy of the Upper Extremity.** First and second terms. Credit two to three hours. Laboratory work, dissection, and conference. Professor KERR, Assistant Professor PAPEZ and assistants.

8. **Anatomy of the Lower Extremity.** First and second terms. Credit two to three hours. Laboratory work, dissection, and conference. Professor KERR and Assistant Professor PAPEZ.

9. **Topographical Anatomy.** First and second terms. Credit two to five hours. Prerequisite, Anatomy 1, 2, 3, 7, or 8. Professor KERR.

12. **Research in Anatomy.** First and second terms. For qualified students. Professor KERR and Assistant Professor PAPEZ.

HISTOLOGY AND EMBRYOLOGY

Courses 10 and 10a are required of students of medicine.

10. **Histology.** First term, credit seven hours. Five laboratory periods and three lectures each week. Professor KINGSBURY.

10a. **Histology.** First term. Credit three hours. Two laboratory periods and one lecture-conference each week. Mr. ADELMANN.

3. **Special Histology and Technique.** First term. Credit two hours. One recitation, demonstration, or lecture. Two laboratory periods.

7. **Advanced Work in Histology and Embryology.** First and second terms. Prerequisite, courses 10 and 3, and a reading knowledge of French and German. Laboratory work, eight or more actual hours a week, with seminary. Professor KINGSBURY and instructors.

8. **Seminary.** First and second terms. One hour each week.

DEPARTMENT OF PHYSIOLOGY AND BIOCHEMISTRY

A. **Physiology of the Cell, Muscle, Nerve, Heart and Circulation, and Respiration.** First term. Credit two hours. Three lectures or recitations weekly with demonstrations. Professor SIMPSON and assistants.

1A. **Physiology of Blood, Lymph, and Certain Aspects of Circulation.** First term. Credit one hour. One lecture weekly, written quizzes, and reference reading. Mr. BURLAGE.

2. **Physiology of Digestion, Excretion, Internal Secretion, Animal Heat, and Reproduction.** Second term. Credit three hours. Five lectures or recitations weekly for the first ten weeks of the term. Professor SIMPSON and assistants.

4. **Experimental Physiology.** Second term. Credit four hours. Two five-hour laboratory periods a week. Professor SIMPSON and assistants.

4A. **Experimental Physiology.** Second term. Credit one hour. One three-hour laboratory period a week. Mr. BURLAGE.

5. **Physiology of the Nervous System and Special Senses.** Second term. Credit two hours. Five lectures weekly for the last six weeks of the term. Professor SIMPSON.

7. **Seminary.** Second term. Credit one hour.

8. **Advanced Work and Research.**

15A. **General Biochemistry.** First term. Credit four hours. Required of first year students of medicine. Three lectures or recitations and one three-hour laboratory period weekly. Assistant Professor SUMNER and Mr. BODANSKY.

15B. **General Biochemistry.** Second term. Credit five hours. Continuation of 15A. Required of first year students of medicine. Three lectures or recitations and three three-hour laboratory periods weekly. Assistant Professor SUMNER and Mr. BODANSKY.

17. **Special Chapters in Biochemistry.** First term. Credit one hour. One lecture weekly. Assistant Professor SUMNER.

20. **Advanced and Research Work in Biochemistry.** First and second terms. Assistant Professor SUMNER.

7. **Seminary.** See Physiology, course 7.

NEW YORK STATE VETERINARY COLLEGE

For detailed information concerning the work of the Veterinary College, candidates for admission to that college should consult the Announcement of the Veterinary College which will be sent gratis on application to the Secretary of the University.

FACULTY

LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University
VERANUS ALVA MOORE, M.D., V.M.D., D.Sc., Professor of Comparative Pathology, Bacteriology, and Meat Inspection; and Dean of the College.
SIMON HENRY GAGE, B.S., Emeritus Professor of Histology.
WALTER LONG WILLIAMS, Professor of Veterinary Surgery, Emeritus.
PIERRE AUGUSTINE FISH, D.Sc., D.V.M., Professor of Veterinary Physiology, and Secretary of the Faculty.
GRANT SHERMAN HOPKINS, D.Sc., D.V.M., Professor of Veterinary Anatomy and Anatomical Methods.
DENNIE HAMMOND UDALL, B.S.A., D.V.M., Professor of Veterinary Medicine and Hygiene.
HOWARD JAY MILKS, D.V.M., Professor of Therapeutics and Small Animal Clinic.
JAMES NATHAN FROST, D.V.M., Professor of Veterinary Surgery.
WILLIAM ARTHUR HAGAN, M.S., D.V.M., Professor of Bacteriology and Parasitology.
SAMUEL A. GOLDBERG, A.M., Ph.D., D.V.M., Assistant Professor of Pathology.
EARL SUNDERVILLE, D.V.M., Assistant Professor of Veterinary Anatomy.
CHARLES ERNEST HAYDEN, A.B., D.V.M., Assistant Professor of Veterinary Physiology.
RAYMOND RUSSELL BIRCH, B.S., Ph.D., D.V.M., Superintendent of the Veterinary Experiment Station.
HENRY ASMUS, Assistant Professor of Horseshoeing.
CHARLES MILTON CARPENTER, D.V.M., Ph.D., Acting Professor of Bacteriology and Parasitology.
JAMES WILLIAM BENNER, D.V.M., M.S., Assistant Professor of Investigation of Animal Diseases.
HADLEY CARRUTHERS STEPHENSON, B.S., D.V.M., Instructor in Materia Medica.
HERBERT LESTER GILMAN, D.V.M., M.S., Instructor, Veterinary Experiment Station.
JAMES RICHARD VARLEY, D.V.M., Instructor in Surgery.
EDWARD RAYMOND CUSHING, D.V.M., Instructor in Medicine.
MYRON GUSTIN FINCHER, D.V.M., Instructor in Medicine.
JAMES WEAST FULLER, D.V.M., Instructor in Poultry Diseases.
LLOYD BANKS SHOLL, Instructor in Bacteriology and Pathology.
EARL LOUIS BRUNETT, Student Assistant in Diagnosis.
EDWARD ALBERT CASLICK, Assistant in Pathology and Bacteriology.

JAMES EDWIN CREIGHTON, Ph.D., LL.D., Dean of the Graduate School.
HENRY HIRAM WING, M.S. in Agr., Professor of Animal Husbandry.
BENJAMIN FREEMAN KINGSBURY, Ph.D., M.D., Professor of Histology and Embryology.
ARTHUR WESLEY BROWNE, Ph.D., Professor of Inorganic and Analytical Chemistry.
KARL MCKAY WIEGAND, Ph.D., Professor of Botany.
ELMER SETH SAVAGE, Ph.D., Professor of Animal Husbandry.
MERRITT WESLEY HARPER, M.S., Professor of Animal Husbandry.
BENJAMIN PERCY YOUNG, Ph.D., Assistant Professor of Zoology.
RALPH THOMAS KLINE CORNWELL, B.Chem., Instructor in Organic Chemistry.

WALTER CONRAD MUENSCHER, A.M., Instructor in Botany.
 JOHN STEPHENS LATTA, Ph.D., Instructor in Histology and Embryology.
 ASA EMANUEL MCKINNEY, A.M., Instructor in Inorganic Chemistry.
 RUFUS R. HUMPHREY, A.B., Instructor in Histology and Embryology.

NON-RESIDENT LECTURERS FOR 1920-21

J. R. Mohler, Bureau of Animal Industry. Washington, D. C.
 Theobald Smith, Rockefeller Institute. Princeton, N. J.
 J. G. Wills. Albany
 W. G. Hollingworth. Utica
 Wayne Dinsmore. Chicago, Ill.
 Carl W. Gay. Columbus, O.
 A. S. Downing, State Education Dept. Albany
 A. L. Danforth. Watertown

THE VETERINARY COLLEGE

Instruction in veterinary subjects has been a part of the work of Cornell University since its foundation. During the earlier years of the University, this instruction was in charge of the Department of Agriculture, and it was continued as a distinctive part of the work of the College of Agriculture when in 1888 that college was created as the successor of the Department of Agriculture.

The Veterinary College was established as a separate college of Cornell University in the year 1894, in accordance with an act of the Legislature of the State of New York creating a State Veterinary College at Cornell University.

The Veterinary College as it exists today is supported by the State of New York, and is administered by Cornell University under the direction of a committee of its Board of Trustees known as the Veterinary College Council. In respect of all academic interests, the Veterinary College is an integral part of Cornell University.

For admission to the Veterinary College, see, p.46, for tuition in the Veterinary College, see p.53.

THE DEGREE OF DOCTOR OF VETERINARY MEDICINE

The undergraduate instruction for regular students in the Veterinary College leads to the degree of Doctor of Veterinary Medicine, the requirement for which is the completion of the following curriculum.

PRESCRIBED FOUR-YEAR COURSE

First Year

	No. of Course	Credit 1st Term	Credit 2d Term	Total of actual hours
Chemistry	1	6	—	144
Botany	3	—	5	144
Anatomy	1	3	—	448
"	2	1	—	
"	3	3	—	
"	4	—	5	
Histology	6	3	4	216
Physiology, Lectures	10	3	—	96
" Recitations	11	—	3	
Military Science and Tactics	1	—	—	96
Hygiene	—	—	—	—
		19	17	1144

Second Year

Zoology	1a	—	3	96
Anatomy	5	5	—	256
"	6	—	1	
Physiology, Recitations	12	2	—	32
" Lectures	13	—	2	32
" Laboratory	14	2	—	80
Pharmacology	20	2	2	64
Materia Medica	21	2	1	120
General Surgery	30	—	4	112
General Pathology, Recitations	40	2	—	32
" " Laboratory	40a	2	—	80
Bacteriology, Lectures	43	—	2	32
" Laboratory	43a	—	3	120
Physical Diagnosis	51	—	2	32
Military Science and Tactics	1	—	—	96
Hygiene	—	—	—	—
		17	20	1184

Third Year

Animal Husbandry	1 and 2	3	3	128
Embryology	9	—	2	56
Urine Analysis	15	—	1	40
Diseases of Small Animals	22	—	2	32
Small Animal Clinic	25	1	1	48
Surgical Exercises	31	1	—	48
Special Surgery	32	5	—	80
Consulting Clinic	34	1	1	48
Autopsies—By appointment	47	—	—	—
Special Pathology	41	1	1	32
" "	41a	1	1	80
Infectious Diseases, Lectures	42	—	2	32
" " Laboratory	42a	—	1	40
Parasitology	44	2	—	32
"	44a	1	—	40
Medicine	50	2	3	80
Physical Diagnosis	51	1	—	16
Ophthalmology	55	—	1	16
		19	19	848

Fourth Year

	No. of Course	Credit 1st Term	Credit 2d Term	Total of actual hours
Milk Composition and Tests	1	—	3	72
Materia Medica	23	2	—	32
Small Animal Clinic	25	1	1	48
Surgical Clinic	33	2	2	96
Consulting Clinic	34	1	1	48
Immunity	49	—	2	80
Autopsies	47	1	1	48
Meat and Dairy Inspection	48	—	1	16
Medicine	50a	3	2	80
Horseshoeing	52	1	1	80
Ambulatory Clinic	53	2	2	80
Obstetrics	54	4	—	64
Veterinary Hygiene	56	—	1	16
		17	17	760

For the Curriculum of Seven Years in Agriculture and Veterinary Medicine, see p. 148.

STUDY FOR PRACTITIONERS

Veterinarians who are legally authorized to practice at their places of residence will be admitted to any class in the College at any time and for such period as they may elect, without entrance examination. They will be entirely free to elect any studies that are being regularly taught at the time, and may enjoy all opportunities and facilities offered to regular students as long as these privileges do not interfere with the instruction of the regular students.

No tuition will be required from licensed veterinarians practicing in the State of New York. Those taking laboratory courses will be required to pay fees to cover the cost of material used.

SCHOLARSHIPS AND PRIZES

The Horace K. White Prizes; the Hollingworth Honorarium for Research; The Jane Miller Prize; and the James Gordon Bennett Prize are awarded to students in the Veterinary College. For these and for the scholarships and prizes that are open to all students of the University, see pp. 186-191.

Student Assistants. Two positions as student assistants are open to capable veterinary students in their senior year (salaries from \$125 to \$300 a year).

COURSES OF INSTRUCTION

ANATOMY

1. **Comparative Osteology.** First year, first term, credit three hours. Professor HOPKINS and assistants.
2. **Arthrology.** First term, credit one hour. This course immediately follows course 1. Professor HOPKINS and assistants.
3. **Myology and Abdominal Viscera.** First term, credit three hours. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
4. **Myology, Thoracic and Abdominal Viscera, Lymphatic Systems, and Organs of Special Senses.** Second term, credit five hours. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
5. **Blood Vessels and Nerves of the Arm, Leg, and Head.** Second year, first term, credit three hours. Professor HOPKINS, Assistant Professor SUNDERVILLE and assistants.
6. **Central Nervous System and Genital Organs.** Second year, second term, credit one hour. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
7. **Surgical Anatomy.** Second term, hours to be arranged. Open to those who have completed the required courses in anatomy and to practitioners. Professor HOPKINS and Assistant Professor SUNDERVILLE.
8. **Advanced Anatomy.** Two or more hours. Professor HOPKINS and Assistant Professor SUNDERVILLE.

PHYSIOLOGY

10. **The Physiology of the Nutrition and Secretion of the Domesticated Animals.** First year, first term, credit three hours. Professor FISH.
11. **Physiology Recitations.** Second term, credit three hours. Professor FISH and Assistant Professor HAYDEN.
12. **Physiology Recitations.** Second year, first term, credit two hours. Professor FISH and Assistant Professor HAYDEN.
13. **The Physiology of the Muscular and Nervous Systems.** Second year, second term, credit two hours. Assistant Professor HAYDEN.
14. **Physiological Laboratory.** First term, second year. Five hours a week. Professor FISH, Assistant Professor HAYDEN, and assistants.
15. **Urine Analysis.** Third year, second term, three hours a week. Professor FISH, Assistant Professor HAYDEN, and assistants.
16. **Advanced Physiology.** Five or more hours a week. Professor FISH and assistants.

MATERIA MEDICA AND SMALL ANIMAL CLINIC

20. **Pharmacology.** First and second term.
21. **Materia Medica and Pharmacy Laboratory.** First term, five hours a week; second term, two hours a week. Professor MILKS and Dr. STEPHENSON.
22. **Diseases of the Small Animals.** Two lectures or recitations throughout the second term of the third year. Professor MILKS.
23. **Recitations in Materia Medica and Therapeutics.** Fourth year, first term. Professor MILKS.
24. **Advanced Work.** Five or more hours a week. Professor MILKS.
25. **Small Animal Clinic.** Six actual hours a week throughout the third and fourth years. Professor MILKS and Dr. STEPHENSON.

ZOOLOGY

- 1a. **General Zoology.** Second year, second term, credit three hours. Assistant Professor YOUNG. Laboratory fee, \$4.50.

ANIMAL HUSBANDRY

- 1 and 2. **Course in Feeding and Breeding.** Given in the College of Agriculture for students in the Veterinary College. Throughout the third year, credit three hours each term.

SURGERY

30. **General Surgery.** Second year, second term. Four recitations or laboratory periods a week. Professor FROST.
Prerequisite courses are 1, 2, and 3 in anatomy, course 10 in physiology, course 6 in histology, and course 40 in general pathology.
31. **Surgical Exercises.** Three hours a week of laboratory work. Third year, first term. Professor FROST and Dr. VARLEY.
32. **Special Surgery.** Third year, first term. Five lectures or recitations a week. Professor FROST.
33. **Surgical Clinics.** Six actual hours or more a week throughout the fourth year. First and second terms. Prerequisite courses are 30 and 31. Professor FROST and Dr. VARLEY.
34. **Consulting Clinic.** Six actual hours a week for four terms. Professor FROST and Dr. VARLEY.

COMPARATIVE PATHOLOGY, BACTERIOLOGY, AND MEAT INSPECTION

40. **General Pathology.** Second year, first term, credit two hours. Prerequisites, normal histology and at least one year's work in anatomy and physiology. Dr. MOORE.
- 40a. **General Pathology Laboratory.** Two hours. Dr. GOLDBERG.
41. **Special Pathology.** Third year, first and second terms, credit one hour. Prerequisite, course 40. Dr. GOLDBERG.
- 41a. **Special Pathology Laboratory.** One hour. First and second terms. Dr. GOLDBERG.
42. **Pathology of Infectious Diseases.** Third year, second term, credit two hours. Open to students who have taken 40 and 41, and have taken or are taking 43. Dr. MOORE.
- 42a. **Laboratory.** One hour. Dr. GOLDBERG.
43. **Bacteriology.** Second year, second term, credit two hours. Open to students who have taken or are taking course 6 in microscopy or its equivalent. Dr. CARPENTER.
- 43a. **Bacteriology Laboratory.** Three hours. Dr. CARPENTER.
44. **Parasites.** Third year, first term, credit two hours. Dr. CARPENTER.
- 44a. **Parasites Laboratory.** One hour. Dr. CARPENTER.
45. **Research in Pathology and Bacteriology.** Laboratory work. Prerequisite courses 40 and 43. Drs. MOORE, GOLDBERG, and CARPENTER.
- 45a. **Haematology.** Second term, credit two hours. One lecture and one laboratory period a week. Dr. GOLDBERG.
46. **Laboratory Methods of Diagnosis.** Prerequisite courses 40 and 43. Dr. CARPENTER.
47. **Autopsies.** Throughout the junior and senior years. Credit one hour each term in senior year. Dr. GOLDBERG.
48. **Meat and Dairy Inspection.** Fourth year, second term, credit one hour. Dr. MOORE.
49. **Immunity.** Fourth year, second term, credit two hours. Dr. MOORE.

VETERINARY MEDICINE AND OBSTETRICS

50. **Veterinary Medicine, Principles and Practice.** Lectures or recitations. Third year.
- 50a. **Veterinary Medicine, Principles and Practice.** Fourth year.
51. **Physical Diagnosis.** Second year, second term, credit one hour. Third year, first term.
52. **Horseshoeing.** Lecture and laboratory. Fourth year. Assistant Professor ASMUS.
53. **Ambulatory Clinic.** Throughout the senior year. Credit two hours each term.
54. **Obstetrics, including Diseases of the Genital Organs of Cattle, Sterility, Abortion.** Four lectures or recitations a week in the first term of the fourth year.
55. **Ophthalmology.** One lecture or recitation a week, third year, second term.
56. **Hygiene.** One lecture or recitation a week, fourth year, second term.

THE COLLEGE OF AGRICULTURE

For detailed information concerning the work of the College of Agriculture, candidates for admission to that college should consult the Announcement of the College of Agriculture which will be sent gratis on application to the Secretary of the University.

Instruction in agricultural subjects has been a part of the work of Cornell University since its foundation. The Department of Agriculture, which had charge of this instruction during the earlier years of the University, was in 1888 succeeded by the College of Agriculture, which was in that year organized and established as a separate college of the University. In 1904 the College of Agriculture became, by an act of the Legislature, the New York State College of Agriculture, and the equipment of the College of Agriculture of Cornell University along with the annual appropriations made by the University for the support of agricultural instruction, was employed and continued to be employed to strengthen and support the work of the New York State College of Agriculture.

The College of Agriculture as it exists today is in a large part supported by the State of New York, and is administered by Cornell University under the direction of a committee of its Board of Trustees known as the Agricultural College Council. In respect of all academic interests, the College of Agriculture is an integral part of Cornell University.

The Federal Experiment Station at Cornell University was organized in 1887, and is in charge of the Dean of the College of Agriculture. The annual federal appropriation is devoted wholly to experimental work and research in the Departments of Plant Breeding, Soil Technology, and Entomology.

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ADMISSION, TUITION, AND ACADEMIC YEAR

For admission to the College of Agriculture, see p. 46.

For tuition in the College of Agriculture, see p. 53.

In addition to the two terms into which, in the other colleges of the University, with the exception of the Medical College in New York City, the academic year is divided, the College of Agriculture has provided, and first put into effect in 1914, a third term extending from June through September. The work of the

third term is intended for upperclassmen and for graduate students, and no student is allowed to register in the third term if he has not completed the required work of the freshman and of the sophomore year in the College of Agriculture.

THE DEGREE OF BACHELOR OF SCIENCE

The requirements for the degree of bachelor of science are residence for eight terms, and, in addition to the prescribed work in the Departments of Physical Training and Military Science and Tactics, and in Hygiene and Preventive Medicine, the completion of one hundred and twenty hours of required and elective work as outlined on pp. 147-148.

All men students must satisfy the farm-practice requirement before the beginning of the senior year. This requirement is the equivalent of a year or more of actual farm work. In order to meet it students should have a good working knowledge of horses, cattle, sheep, swine, poultry, crops, and machinery, and of the ordinary farm operations as they are practiced on a general farm. Exemption from this requirement is allowed only to students specializing in the Departments of Botany, Home Economics, Forestry, Entomology, or Landscape Art. Application for such exemption must be made at the office of the Secretary. Students should complete the requirement as early in their course as possible, as it is a prerequisite for admission to courses in farm management, pomology, and rural education.

All women students specializing in home economics must satisfy the practice requirement in home economics before the beginning of the senior year. This requirement is equivalent to ten weeks of actual independent housekeeping experience. In order to meet this the student must have a good working knowledge of the care and management of the house and of food preparation. Exemption from this requirement is allowed only to students who are preparing themselves to become specialists in clothing and who have not been required to take the routine courses in foods and nutrition.

Freshmen are expected to attend, during their first term, a course of lectures, without credit, designed to orient students in the life of the University and specifically to acquaint them with the scope and purpose of the course of instruction in the College.

Credit toward a degree for work done in a preparatory school on subjects that may be offered for entrance to the University will be given to those students only who, in addition to satisfying all entrance requirements, pass separate examinations in the subjects for which they seek college credit. These examinations will cover substantially the same ground as the university courses in the subjects. An applicant desiring a college credit examination of this kind must apply to the Registrar as early as possible, and at least twenty-four hours before the first examination, specifying which fifteen units he intends to offer in satisfaction of the entrance requirements, and on what other entrance subjects he wishes to be examined for credit. In case he fails to satisfy the entrance requirements in any one or more of the units on which he proposes to enter, but passes the credit examination in any other subject or subjects, he may use the latter toward satisfying entrance requirements, but in that case he cannot also receive college credit for it. The college credit examinations will be held September 12 to 16, 1922, on the dates set for the entrance examinations in the same subjects.

A student who receives at entrance twelve or more hours of credit in addition to the requirements for admission, may be regarded as having satisfied one term of residence. Under no circumstances shall surplus entrance credit be accepted as the equivalent of more than one term.

A student who has satisfied the entrance requirements of this College and has afterward completed in two or more summer sessions in Cornell University at least twelve hours of work in courses approved by the departments concerned, may be regarded as having thus satisfied one term of residence. Under no circumstances shall work done in summer sessions be accepted as the equivalent of more than two terms of residence. The maximum amount of credit toward the degree of bachelor of science which is allowed for the work of any one summer session is eight hours.

A student admitted to the College of Agriculture from another college in Cornell University, or from any other institution of collegiate rank will be regarded as having completed the number of terms and hours to which his records entitle him, and will receive all the privileges of students who have completed the same number of terms and hours by residence in the college. In order, however, to obtain the degree of bachelor of science, he must have completed the prescribed subjects in the four-year course and the requisite number of elective hours in agricultural subjects. He must also have been in residence in the College of Agriculture for his last two terms and have completed not less than fifteen hours a term, of which two-thirds, at least, must be subjects taught by the staff of the College of Agriculture.

A student must register for at least twelve hours each term, and no new student may register for more than eighteen hours.

Regular students may take at their discretion, during their four years not to exceed twenty hours of elective subjects in courses offered in other colleges than Agriculture; but such elective subjects shall not interfere with required or back work. Special students must take at least two-thirds of the entire work of each year from the agricultural subjects described on the following pages.

The Course Leading to the Degree of Bachelor of Science Required Courses

	Hours
English.....	6
Botany, Biology, or Zoology.....	6
Chemistry or Physics.....	6
Physiology, one of the following.....	3
Physiology of Domestic Animals	
Human Physiology	
Plant Physiology	
Political Science.....	5
Botany, Zoology, Bacteriology, Chemistry, Physics, Geology, Physical Geography, Mathematics, Drawing, Biology, Psychology, Economics 51, 55a, 55b, 56b, 76a, 86, 88, Government and Public Law 1, 10.....	18

Students who do not present chemistry for entrance are required to take chemistry.

Students who do not present physics for entrance are required to take physics.

Students other than those specializing in home economics who do not present geology or physical geography for entrance are required to take one of these subjects.

Professional students in forestry and landscape art who do not offer solid geometry and plane trigonometry for entrance are required to take these subjects in their freshman year.

Not less than twenty-four hours of the required work is to be taken in the freshman year, including English, botany, biology or zoology, and physics or chemistry.

In the eighteen hours of optional science work listed above, applied science courses may not be counted. Thus agricultural chemistry, photography, and dairy bacteriology may not be included as chemistry, physics, and bacteriology, for this requirement.

Where an option of required courses is offered, consideration should be given to the prerequisites demanded by the elective courses to be taken subsequently.

Biochemistry 14 is prerequisite for Home Economics 22.

Botany 1 is prerequisite for further work in botany; for professional courses in forestry; for courses in plant breeding, plant pathology, and pomology; and for some of the courses in agronomy, floriculture, and vegetable gardening.

Botany 20 is prerequisite for Floriculture 3, for professional courses in forestry, and for courses in plant breeding and pomology.

Chemistry 101 is prerequisite for courses in agronomy, home economics, and pomology.

Chemistry 210 and 225 are prerequisite for advanced courses in agricultural chemistry, Agronomy 5, 6, and 7, and Dairy Industry 7.

Chemistry 375 is prerequisite for Home Economics 3 and 22.

Drawing is prerequisite for Rural Engineering 1 and 2.

Economics 51 is prerequisite for Agricultural Economics 10 and 30, Home Economics 120, and Poultry Husbandry 9.

Economics 55a and 55b are prerequisite for Rural Social Organization 5.

Geology 1 is prerequisite for Agronomy 1.

Physical Geography 5 is prerequisite for Agronomy 5.

Elective Courses

The remainder of the work—seventy-six hours—is made up of electives to be taken under the following restrictions:

A student may take at his discretion during his four years not to exceed twenty hours of elective subjects in courses offered in other colleges than Agriculture; but such elective subjects shall not interfere with required or back work. The remainder of his elective work must be chosen from the agricultural subjects described on the following pages.

In selecting his course after the first year the student must obtain the approval of a faculty adviser, preferably in the department in which he expects to specialize, who shall be chosen by the student at the beginning of the sophomore year. Students expecting to specialize in forestry, landscape art, rural education, or home economics must take as their advisers professors or assistant professors in those departments. All students who are preparing for teaching are advised to consult the Professor of Rural Education as well as their faculty adviser before filing their term schedules.

The following courses are open to freshmen, subject to the requirements stated above and provided also that prerequisites are satisfied and that acceptable equivalents have not been credited toward entrance:

Agricultural Chemistry 85; Animal Husbandry 1, 2, 5, 10, 11; Aquiculture 51; Bibliography 1, 2; Biology 1; Botany 1, 2; Chemistry 101, 205, 210, 225; Dairy Industry, 1, 4, 5, 6; English 1; Entomology 2, 4, 5; Field Ornithology 6; Floriculture 1, 2, 6, 9; Forestry 1, 2, 3, 4, 5, 6 (by special permission); French 1, 2, 3, 3a, 4a, 4b, 5a, 5b, 6; Geology 1, 1a, 2, 11, 21; German 1, 1a, 3, 3a, 4, 5, 8; Greek 1, 2; History 1, 2, 31, 32; Home Economics 1, 90, 280; Italian 1, 2; Landscape Art 2, 30; Latin A, B, 1, 1a, 3; Mathematics 1, 2, 3, 4, 5, 6 (2), 7 (1), 7 (2), 15; Meteorology 1; Music 1, by examination; Physics 2, 3, 4a, 4b, 7, 10; Physiology 3, 6; Poultry Husbandry 1, 2a, 3, 3a, 10; Rural Education 60a, 60b; Rural Engineering 3, 20, 30, 51; Spanish 1, 2, 3, 4a, 4b, 5a, 5b; Zoology 1, 5, 12.

Graduated Credit

The passing grades are designated A, B, C, D, and P. Students meriting grade C receive normal credit toward graduation; grade B, 10 per cent additional credit; grade A, 20 per cent additional credit; grade D, credit reduced 10 per cent; and grade P, credit reduced 20 per cent. No student may be graduated in less than eight terms unless his work in the College of Agriculture averages 15 per cent excess credit.

COMBINED COURSE IN AGRICULTURE AND VETERINARY MEDICINE

Inasmuch as the requirements for graduation of the College of Agriculture and of the College of Veterinary Medicine are to some degree the same, it is possible by a judicious use of elective hours to complete the requirements in both colleges in seven or in six and a half years.

EXTENSION WORK

The chief phases of the extension work of the College of Agriculture, in addition to Farmers' Week held in Ithaca, are special lectures and demonstrations in various parts of the State of New York; farm visits, co-operative experiments,

and fair exhibits; the maintenance of traveling schools and of demonstration schools; the conduct of reading courses and the organization of study clubs.

WINTER COURSES

The winter courses are eight in number: (1) Agriculture; (2) Dairy Industry; (3) Poultry Husbandry; (4) Fruit Growing (5) Home Economics; (6) Flower Growing; (7) Vegetable Gardening; (8) Game Farming. All the winter courses began on November 9, 1921, and closed on February 17, 1922.

The minimum age requirement for admission to the winter courses is eighteen years. There are no academic requirements for admission, and no credit toward graduation may be earned in the winter courses.

COURSES OF INSTRUCTION

AGRICULTURAL CHEMISTRY

805. **Agricultural Chemistry, General Course.** Second term. Credit four hours. Prerequisite, Chemistry 101. It is recommended but not required that this course be preceded by organic chemistry. Professor CAVANAUGH.

806. **Agricultural Chemistry, Introductory Laboratory Course.** Second term. Credit two hours. First term also if more than four students apply. Prerequisite, Chemistry 210 and 225 and organic chemistry; to be accompanied or preceded by course 805. Assistant Professor RICE.

808. **Chemistry of Fertilizers and Insecticides, Laboratory Course.** First term. Credit three hours. Prerequisite course 806; may be preceded or accompanied by course 810. Assistant Professor RICE.

809. **Chemistry of Fertilizers, Advanced Course.** Second term. Credit three or more hours. Prerequisite courses 808 and 810, or their equivalent. Professor CROSS.

810. **Chemistry of Fertilizers and Insecticides.** First term. Credit three hours. Prerequisite course 805. It is recommended but not required that this course be preceded by course 806 and accompanied by course 808. Professor CAVANAUGH.

815. **Chemistry of Insecticides and Fungicides, Advanced Course.** First or second term. Credit two or more hours. Prerequisite courses 808 and 810. Professor CAVANAUGH.

650. **Chemistry of Foods and Food Products.** Second term. Credit two hours. Prerequisite, Organic Chemistry. Professor CAVANAUGH.

820. **Chemistry of Foods, Elementary Laboratory Course.** Second term. Credit two hours. Prerequisite, Organic Chemistry. Assistant Professor RICE.

825. **Chemistry of Foods and Food Products, Laboratory Course.** Second term. Credit two hours. First term also if more than four students apply. Prerequisite, qualitative and quantitative analysis and organic chemistry. Assistant Professor RICE.

830. **Chemistry of Food and Nutrition, Advanced Course.** First term. Credit three hours. Prerequisite course 650. Professor CROSS.

835. **Food Analysis, Advanced Laboratory Course.** First term. Credit three hours. Second term also if as many as five students apply. Prerequisite, course 825; must be preceded or accompanied by course 830. Assistant Professor RICE.

840. **Chemistry of Dairy Products.** First or second term. Credit two or more hours. Prerequisite courses 830 and 835. Professor CAVANAUGH, Professor CROSS, or Assistant Professor RICE.

845. **Chemistry of Fats and Oils.** First or second term. Credit three or more hours. Prerequisite courses 830 and 835. Professor CROSS.

850. **The Chemistry of Sugars.** First or second term. Credit three or more hours. Prerequisite courses 830 and 835. Professor CROSS.

855. **Chemistry of Plant Products.** Second term. Credit three or more hours. Prerequisite courses 830 and 835. Professor CROSS.

AGRICULTURAL ECONOMICS AND FARM MANAGEMENT

1. **Farm Records and Accounts.** First term. Credit three hours. Open to juniors and seniors who have passed the farm practice requirement. Should precede course 2. Assistant Professor NOBLE. Laboratory fee, \$2.

2. **Farm Management.** Second term. Credit four hours. Open to juniors and seniors who have passed the farm practice requirement. Should be preceded or accompanied by course 1 economics, and as many as possible of the subjects dealing with the production of crops and animals. Laboratory fee, \$2.

3. **Advanced Farm Management.** First term. Credit four hours. Prerequisite, permission to register, and an unusually good record in courses 1 and 2. Professor MISNER. Expenses for trips, \$25.

4. **Types of Farming in the United States.** Second term. Credit two hours. Prerequisite course 2. Professor WARREN.] Not given in 1921-1922.

10. **Marketing.** First term. Credit four hours. Prerequisite, Economics 51. Open to juniors and seniors. Professor BOYLE. Laboratory fee, \$1.

11. **The Organized Exchanges and Speculation.** First term. Credit two hours. Open to graduate students and seniors with adequate preparation. Professor BOYLE.

12. **Collective Bargaining.** Second term. Credit two hours. Open to graduate students and seniors with adequate preparation. Professor BOYLE.

13. **Marketing New York State Farm Products.** Second term. Credit two hours. Open to juniors and seniors. Should be preceded or accompanied by course 2. Professor BABCOCK.

20. **History of Agriculture.** First term. Credit three hours. Open only to seniors and graduate students. Professor LAUMAN.

21. **History of Agriculture in the United States.** Second term. Credit three hours. Open only to seniors in all colleges and to graduate students. Professor LAUMAN.

22. **Agricultural History Seminary.** First and second terms. Primarily for graduate students, and for seniors by invitation. Professor LAUMAN.

30. **Agricultural Economics, Elementary Course.** First or second term. Credit four hours. Prerequisite, Economics 51. First term open to graduate students, and to seniors by special permission. Professor LAUMAN. Second term open to graduate students, seniors, and to juniors by special permission. Professor BOYLE. Laboratory fee, second term, \$1.

31. **Agricultural Economics, Advanced Course.** Second term. Credit four hours. Prerequisite course 30. Professor LAUMAN.

32. **Agricultural Statistics.** Second term. Credit two hours. Prerequisite, permission to register. Mr. PEARSON.
33. **Research in Agricultural Economics or History.** First and second terms. Credit two or three hours a term. For seniors who have done superior work in courses 20 or 30, and for graduate students. Professor LAUMAN.
34. **Agricultural Economics Seminary.** First and second terms. Primarily for graduate students, and for seniors by invitation. Professor LAUMAN.
35. **Research.** First, second, and third terms. Credit one or more hours a term. Prerequisite, permission to register.
36. **German Readings in Agricultural Economics.** First term. Credit two hours. Open only to seniors and graduate students. Professor BOYLE.
37. **French Readings in Agricultural Economics.** Second term. Credit two hours. Open only to seniors and graduate students. Professor BOYLE.
38. **Seminary.** First, second, and third terms. Credit one hour. Open only to graduate students. Professors WARREN, BOYLE, MYERS, MISNER, SCOVILLE, BABCOCK, and LADD, and Assistant Professor NORLE.
39. **Agricultural Prices.** Second term. Credit two hours. Mr. PEARSON.

AGRONOMY

1. **Principles of Soil Management.** First or second term. Credit five hours. Prerequisite, Chemistry 101 and Geology 1. Professor BUCKMAN.
Laboratory fee, \$2.
 2. **Cereals, Forage Crops, and Miscellaneous Crops.** First or second term. Credit four hours. To be preceded or accompanied by Course 1 and Botany 1. Assistant Professor HARDENBURG and Mr. COOPER.
Laboratory fee, \$2.
 3. **Practical Soil Management.** First term. Credit two hours. Prerequisite course 1. Professor WORTHEN.
 5. **Soil Surveying, and Mechanical Soil Analysis.** First term. Credit three hours. Given in alternate years. Prerequisite courses 1, Physical Geography 5, and Chemistry 210 and 225. Professors BUCKMAN and BIZZELL.] Not given in 1921-22. Laboratory deposit, \$3.
 6. **Soils, Advanced Course.** First term. Credit three hours. Prerequisite courses 1 and Chemistry 210 and 225. Professor BIZZELL.
 7. **Soil Bacteriology.** Second term. Credit three hours. Prerequisite courses 1, Dairy Industry 4, and Chemistry 210 and 225. Professor J. K. WILSON. Laboratory fee, \$5.
 11. **Research.** Throughout the year. For graduate students only. Professors LYON, BIZZELL, and J. K. WILSON.
 14. **Seminary.** First and second terms, without credit. Open to seniors who have taken course 6, and required of graduate students. Professors LYON, BIZZELL, BUCKMAN, and J. K. WILSON and Assistant Professor B. D. WILSON.
- Drainage.** See Rural Engineering 21.

ANIMAL HUSBANDRY

1. **Principles and Practice of Feeding Animals.** First term. Credit three hours. Professor SAVAGE and Mr. NORRIS.
2. **Principles of Animal Breeding.** Second term. Credit three hours. Professor WING, and Messrs. ALLEN and MCCONNELL.
5. **The Horse.** Second term. Credit three hours. Professor HARPER and Mr. HAINES.
6. **Horse Training, Practical Course.** First term. Credit two hours. Prerequisite course 5 and permission to register. Professor HARPER.
10. **Dairy Cattle.** First term. Credit four hours. Professor WING, and Messrs. ALLEN and MCCONNELL.
11. **Beef Cattle, Sheep, and Swine.** First term. Credit three hours. Prerequisite courses 1 and 2. Assistant Professor HINMAN and assistants.
12. **Meat and Meat Products.** First or second term. Credit three hours. Mr. KNAPP.
13. **Beef Cattle, Sheep, and Swine; Advanced Course.** Second term. Credit two hours. Prerequisite course 11. Assistant Professor HINMAN and assistants.
14. **Commercial Feeding Stuffs.** Second term. Credit two hours. Professor MAYNARD.
15. **Principles of Feeding, Advanced Course.** Second term. Credit three hours. Prerequisite course 1 and Veterinary Physiology 10. For advanced and graduate students. Professor SAVAGE.
16. **Principles of Animal Genetics, Advanced Course.** First term. Credit two hours. Prerequisite, course 2. Professor HARPER and Mr. HAINES.
17. **Advanced Stock Judging.** First and second terms. Credit one hour a term. Professors WING, HARPER, SAVAGE, and HOPPER, and assistants.
18. **Seminary.** First and second terms, without credit. Required of all graduate students taking either a major or a minor subject in the department. Advanced undergraduates will be admitted by permission, and if a satisfactory thesis on an approved subject is presented may receive not to exceed two hours credit. Departmental staff.
30. **Health and Disease of Animals.** First term. Credit three hours. Professors MOORE and BIRCH.
31. **Horseshoeing.** Second term. Credit one hour. Professor ASMUS.

BOTANY

1. **General Botany.** First and second terms. Credit three hours a term. Professor SCHRAMM, Misses FERNALD and WILLIAMS, Mrs. GRANT, and Messrs. WANN, CLUM, WILSON, and others.

Laboratory fee, \$2.50 a term; deposit, \$3, for first term only.

2. **Forest Botany.** First term. Credit three hours. Prerequisite, course 1 or its equivalent. Mr. MUENSCHER.

Laboratory fee, \$3; deposit, \$2.

3. **Veterinary Botany.** Second term. Credit five hours. Mr. MUENSCHER.

Laboratory fee, \$5.

4. **Microscopic Wood Technology.** First term. Credit two hours. Prerequisite courses 1 and 2 or an equivalent. Professors EAMES.] Not given in 1921-22. Laboratory fee, \$4.

6. **Taxonomy of the Higher Plants.** Second or third term. Credit four or five hours. Prerequisite course 1 or its equivalent. Professor WIEGAND and Mrs. GRANT. Laboratory fee, \$4; deposit, \$2.

6a. **Advanced Field Course in Taxonomy.** Third term in alternate years. Credit four hours. Prerequisite course 6 or its equivalent. Professor WIEGAND.] Not given in 1921. Laboratory fee, \$4; deposit, \$2.

7. **Weeds and Weed Seeds.** Third term. Credit two hours. Prerequisite, course 1 or its equivalent.] Not given in 1921. Laboratory fee, \$2.

9. **Histology.** First term and alternate third terms. Credit four hours. Prerequisite course 1 or its equivalent. Professor EAMES and Miss WILLIAMS. Laboratory fee, \$5.

10. **Cytology.** Second term. Credit four hours. Prerequisite course 1 or its equivalent. Professor SHARP and Mr. RANDOLPH. Laboratory fee, \$5.

11. **Methods in Histology and Cytology.** First term and alternate third terms. Credit three hours. Prerequisite course 1 or its equivalent. Professors EAMES and SHARP and Mr. WANN. Laboratory fee, \$5.

12. **Comparative Morphology of Algae.** Second term. Credit four hours. Prerequisite course 1 or its equivalent. Professor SCHRAMM.

Laboratory fee, \$5. Although credit is given for each course separately, courses 13 and 14 should be taken in the order stated, and when possible course 12 should precede them.

13. **Comparative Morphology of Bryophytes and Pteridophytes.** Alternate first, second, or third terms. Credit four hours. First term, 1921-22; second term, 1922-23; third term, 1921. Prerequisite, course 1 or its equivalent. Professor SHARP and Mr. RANDOLPH. Laboratory fee, \$5. (See statement under course 12.)

14. **Comparative Morphology of Spermatophytes.** Alternate second or third terms. Credit four hours. Second term, 1921-22; third term, 1922. Prerequisite course 1 or its equivalent, and course 13. Professor EAMES and SHARP and Messrs. WANN and RANDOLPH. Laboratory fee, \$5. (See statement under course 12.)

Comparative Morphology of Fungi. Given in the Department of Plant Pathology.

20. **Plant Physiology.** First or second term. Credit four hours. Prerequisite all freshman work or its equivalent, and Course 1. Professor KNUDSON or Assistant Professor CURTIS, and Messrs. CLUM, NANZ, and PROEBSTING. Laboratory fee, \$4; breakage deposit, \$2.

21. **Plant Physiology, Advanced Lecture Course.** First and second terms. Credit three hours a term. Prerequisite, training in botany and chemistry, to be determined in each case by the department. Recommended for seniors and graduate students. Professor KNUDSON or Assistant Professor CURTIS.

21a. **Plant Physiology, Advanced Lecture Course.** Third term, 1921. Credit three hours. Prerequisites as in course 21. Assistant Professor CURTIS.

21b. **Plant Physiology, Advanced Lecture Course.** Third term. Credit three hours. Prerequisites as in course 21. Professor KNUDSON or Assistant Professor CURTIS.] Not given in 1921. This course is equivalent to the work of the second term of course 21 and alternates with 21a.

22. **Plant Physiology, Advanced Laboratory Course.** First and second terms. Credit three hours a term. Must be preceded or accompanied by course 21. Professor KNUDSON, Assistant Professor CURTIS, and Mr. CLUM. Laboratory fee, \$5; breakage deposit, \$2.

22a. **Plant Physiology, Advanced Laboratory Course.** Third term. Credit four hours. Requirements as in course 22. Assistant Professor CURTIS and Mr. NANZ.

Courses 21 and 22 or 21a and 21b and 22a are comprehensive courses and are recommended for students specializing in plant study, including the applied subjects. Laboratory fee, \$10; breakage deposit, \$5.

26. **Physiology of Fermentation.** First term. Credit three hours. Prerequisite, required work through the sophomore year, bacteriology, and course 20 or 21.] Not given in 1921-22. Laboratory fee, \$5.

Courses Intended Primarily for Graduate Students

[17. **History of Botany.** Second term, without credit.] Not given in 1921-22.

18. **Research in General Botany, Taxonomy, Histology, Cytology, and Algae.** Throughout the year. Credit not less than three hours a term. Professor WIEGAND, SCHRAMM, EAMES, and SHARP.

19. **Seminary in Taxonomy, Morphology, Cytology, and Histology.** Throughout the year. Required of graduate students in these subjects. Professors EAMES and SHARP assisted by other members of the department.

30. **Special Chapters in Metabolism.** Third term. Credit one hour or more. Professor KNUDSON.] Not given in 1921.

Open only to graduate students, or to undergraduates who have had course 21 and organic chemistry.

31. **Seminary in Plant Physiology.** Throughout the year. Required of graduate students taking work in the department. Professor KNUDSON and Assistant Professor CURTIS.

33. **Research, Plant Physiology.** Throughout the year. Credit for major or minor, otherwise not less than four hours a term. Prerequisite, adequate training in botany, chemistry, and physiology. Professor KNUDSON and Assistant Professor CURTIS.

DAIRY INDUSTRY

1. **Milk Composition and Tests.** First or second term. Credit three hours. Professor TROY, Assistant Professor MCINERNEY, and Messrs. BELL and HOLLIS. Laboratory deposit, \$3, part returnable.

1a. **Milk Composition and Tests.** Second term. Credit three hours. For veterinary students. Professor TROY, Assistant Professor MCINERNEY, and Messrs. BELL and HOLLIS.

2. **Butter.** First or second term. Credit three hours. Must be preceded or accompanied by courses 1 and 6. For regular students only. Professor GUTHRIE and Assistant Professor JACKSON. Laboratory deposit, \$4, part returnable.

3. **Cheese.** First term. Credit four hours. Prerequisite courses 1 and 6; should be preceded or accompanied by course 8. Professor FISK and Mr. PRICE. Laboratory deposit, \$2.50, part returnable.

4. **Bacteriology, Elementary Course.** First term. Credit four hours. For regular students only, except by special permission. Professor STOCKING, and Messrs. DOWNS, MOON, and PITTMAN. Laboratory deposit, \$4, part returnable.

5. **General Dairy Industry.** First term. Credit four hours. Open only to those who are fitting themselves for teachers of agriculture in high schools. Professor BELL and Mr. CURRAN.

6. **Market Milk and Milk Inspection.** Second term. Credit four hours. Must be preceded or accompanied by course 1; should be preceded or accompanied by courses 4 and 8. Dairy Building. Professor ROSS and Mr. CURRAN. Laboratory deposit, \$3, part returnable.

7. **Testing and Composition of Dairy Products. Advanced Course.** Second term. Credit two hours. Prerequisite course 1 and Chemistry 210 and 225. Open to juniors, seniors, and graduate students. Professor TROY, Assistant Professor MCINERNEY and Messrs. BELL and HOLLIS. Laboratory deposit, \$5, part returnable.

8. **Dairy Bacteriology.** Second term. Credit four hours. Must be preceded or accompanied by course 1, and preceded by course 4 or its equivalent. For regular students, except by special permission. Professor STOCKING and Messrs. DOWNS and PITTMAN. Laboratory deposit, \$4, part returnable.

9. **Butter, Advanced Course.** Second term. Credit three hours. Must be preceded by a good record in course 2. Professor GUTHRIE and Assistant Professor JACKSON. Laboratory deposit, \$4, part returnable.

10. **Fancy Cheese.** Second term. Credit two hours. Prerequisite, courses 1 and 3. Professor FISK and Mr. PRICE. Laboratory deposit, \$2, part returnable.

11. **Ice Cream.** Second term. Credit two hours. Prerequisite course 1, and should be preceded or accompanied by course 6. Professor FISK and Mr. TRAVIS. Laboratory deposit, \$2, part returnable.

12. **Seminary.** First or second term. Credit one hour. Required of graduate students taking work in the department; open to undergraduate students taking research work. Department staff.

13. **Research.** First or second term. Credit one or more hours, by arrangement. For advanced students. Professors STOCKING, ROSS, TROY, GUTHRIE, and FISK, and Assistant Professors MCINERNEY and JACKSON. Laboratory deposit, \$2 for each credit hour, part returnable.

14. **General Agricultural Bacteriology.** First term. Credit three hours. Open to regular and special students who desire a general knowledge of bacteria in relation to agricultural problems but cannot spend time for the more thorough courses. Professor STOCKING and Messrs. MOON and DOWNS. Laboratory deposit, \$4, part returnable.

15. **Bacteriology for the Home.** Second term. Credit three hours. Professor STOCKING and Messrs. MOON and PITTMAN.

Laboratory deposit, \$4, part returnable.

19. **Cheddar Cheese, Advanced Course.** Second term. Credit two hours. Prerequisite, a good record in course 3. Professor FISK. Laboratory deposit, \$2, part returnable.

DRAWING

The courses in drawing are transferred to the Departments of Landscape Art and Rural Engineering, and are open to general election as heretofore.

ENTOMOLOGY, LIMNOLOGY, AND ORNITHOLOGY

Biology

1. **General Biology.** Throughout the year. Credit three hours a term. First term prerequisite to the second. Professor NEEDHAM, Assistant Professor CLAASSEN, Dr. HAUSMAN, and assistants. Laboratory fee, \$2.50 a term.

7. **Biology of the Human Species.** First term. Credit two hours. Professor NEEDHAM and Assistant Professor CLAASSEN.

Introductory Entomology

For advanced work in entomology a reading knowledge of French or German is essential. Chemistry 101, 210, and 225, or their equivalents, are highly desirable.

1. See Biology, course 1.

2. **The Ecology of Insects.** First term. Credit three hours. Professor NEEDHAM and Mr. SIBLEY. Laboratory fee, \$2.50.

3. **General Entomology.** First or third term. Credit three hours. Prerequisite, course 1, Zoology 1, or Botany 1. Professor HERRICK, Assistant Professor MATHESON, Mr. BUYS, and Miss SLINGERLAND. Laboratory fee, \$1.50.

3a. **General Economic Entomology.** Second term. Credit three hours. Prerequisite, course 3. Professor HERRICK, Mr. BUYS, and Miss SLINGERLAND. Laboratory fee, \$1.50.

4. **Elementary Morphology of Insects.** First, second, or third term. Credit three hours. Professor JOHANNSEN. Laboratory fee, \$2.
 5. **Elementary Systematic Entomology.** First, second, or third term. Credit two hours. Prerequisite course 4. Professor BRADLEY. Laboratory fee, \$2.
 6. **Elementary Insect Taxonomy.** First and second terms. Credit three hours each term. Prerequisite course 5. Professors BRADLEY, NEEDHAM, HERRICK, JOHANNSEN, and Assistant Professor MATHESON.

Apiculture

- [9. **General Beekeeping.** Second or third term. Credit three hours. Prerequisite, first term of course 3.] Not given in 1921-22. Laboratory fee, \$2.

Systematic Entomology

10. **Entomotaxy.** Third term. Credit two hours. Professor BRADLEY. Laboratory fee, \$3.
 11. **Advanced Systematic Entomology.** First term. Credit three or more hours. Prerequisite course 5. Professor BRADLEY. Laboratory fee, \$6.
 12. **Taxonomy of Insects.** Throughout the year. Credit four hours a term. Prerequisite courses 3, 4, 5, 11, 14 and 20, and preferably 10. Professors BRADLEY, NEEDHAM, and JOHANNSEN, and co-operating specialists. Primarily for graduate students. Laboratory fee, \$4.50.
 G. Hymenoptera. First term, 1921-22. Professor BRADLEY.
 E. Diptera. Second term, 1921-22. Professor JOHANNSEN.
 D. Lepidoptera. Third term, 1921-22.
 [F. Neuroptera.] Not given in 1921-22.
 [H. Orthoptera.] Not given in 1921-22.
 [I. Coleoptera.] Not given in 1921-22.
 [A. Heteroptera, Physopoda, Mallophaga.] Not given in 1921-22.
 [B. Homoptera.] Not given in 1921-22.
 13. **Classification of the Coccidae.** First term. Credit two hours. Prerequisite courses 4, 5, and 11. Professor Bradley.] Not given in 1921-22.
 14. **Entomological Literature and its Technics.** First term. Credit three hours. Prerequisite course 3 or 5, or Zoology 5. Professor BRADLEY.
 19. **Research in Systematic Entomology.** Throughout the year. Credit three or more hours a term. Prerequisite courses 3, 10, 11, 14, and 20, and one term of course 12. Professors BRADLEY, NEEDHAM, and JOHANNSEN. Laboratory fee, 50 cents a credit hour.

Insect Morphology

20. **Morphology and Development of Insects.** First and second terms. Credit two hours a term. Prerequisite courses 3 (first term), 4, and 5. Professor JOHANNSEN.
 21. **Histology of Insects.** First term. Credit three hours. Prerequisite courses 3, 4, 5, and 20. Professor JOHANNSEN. Laboratory fee, \$4.50.
 21a. **Histology of Insects.** Second term. Credit two hours. Prerequisite courses 3, 4, 5, and 20. Professor JOHANNSEN. Laboratory fee, \$1.50.
 27. **German Entomological Reading.** Second term, without credit. Open to advanced students in entomology who have an elementary knowledge of German. Professor JOHANNSEN.
 28. **French Entomological Reading.** First term, without credit. Open to advanced students in entomology who have an elementary knowledge of French. Professor JOHANNSEN.
 29. **Research in Morphology of Insects.** Throughout the year. Credit three or more hours a term. Prerequisite courses 3, 4, and 5. Professors JOHANNSEN and NEEDHAM. Laboratory fee, \$1.50 a credit hour.

Economic Entomology

30. **Parasites and Parasitism.** Second term. Credit two hours. Prerequisite, General Biology I or Zoology I, and course 3. Assistant Professor MATHESON and Mr. WEST. Laboratory fee \$2.
 31. **Relations of Insects to Disease.** Second term. Credit two hours. Prerequisite, Biology I or Zoology I, and first term of course 3. Assistant Professor MATHESON and Mr. WEST. Laboratory fee, \$2.
 40. **Advanced Economic Entomology and Insectary Methods.** Second term. Credit three hours. Open only to qualified seniors and graduate students. Assistant Professor MATHESON. Designed for advanced students in entomology who desire to fit themselves for experiment station work. Laboratory fee, \$2.50.
 41. **Forest Insects.** Second term. Credit two hours. Prerequisite, first term of course 3. Professor HERRICK.
 49. **Research in Economic Entomology.** Throughout the year. Credit three or more hours a term. Prerequisite courses 3, 4, and 5. Professor HERRICK and Assistant Professor MATHESON.

Limnology

50. **General Limnology.** Second or third term. Credit three hours. Open only to students who have taken or are taking courses 1 and 3, or the equivalent. Professor NEEDHAM and Mr. SIBLEY. Laboratory fee, \$2.50.
 51. **Aquiculture.** Second term. Credit three hours. Professor EMBODY. Expense of trip, \$7.
 52. **Fish Culture.** First, second, and third terms. Credit two or more hours a term. Must be preceded or accompanied by course 51. Professor EMBODY. Laboratory fee, \$2.50 a credit hour.
 53. **The Protozoa.** First term. Credit two hours. Open to those who have had previous work in zoology or limnology. Dr. HAUSMAN. Laboratory fee, \$2.

54. **Minute Freshwater Fauna and Plankton.** Second term. Credit one hour. Dr. HAUSMAN. Laboratory fee, \$1.50.

58. **Research in Aquiculture.** Throughout the year. Credit three or more hours a term. Prerequisite courses 50, 51, and 52. Professor EMBODY.

59. **Research in Limnology.** Throughout the year. Credit three or more hours a term. Prerequisite, course 50 or its equivalent. Professors NEEDHAM and EMBODY.

Seminaries

Seminary. Throughout the year.

Ornithology

6. **Field Ornithology.** Second term. Credit three hours. Assistant Professor ALLEN and Mr. LEISTER. Laboratory fee, \$2.

9. **Advanced Ornithology.** First term. Credit three hours. Prerequisite course 6 or Zoology 5. Assistant Professor ALLEN.] Not given in 1921-22. Laboratory fee, \$2.

11. **Economic Ornithology and Mammalogy.** First term. Credit three hours. Should be preceded by course 6 or Zoology 5; presupposes an elementary knowledge of botany and entomology. Assistant Professor ALLEN and Mr. LEISTER. Laboratory fee, \$2.

EXTENSION TEACHING

1. **Extension Work.** First term. Credit two hours. Open to juniors and seniors, and to others by arrangement. Public speaking 1 should precede this course. Professors EVERETT and WHEELER and Messrs. DUNN, LECHLER, and PEABODY.

2. **Extension Work.** Second term. Credit two hours. Prerequisite course 1, of which course 2 is a continuation. Professors EVERETT and WHEELER and Messrs. DUNN, LECHLER, and PEABODY.

3. **Extension Work, Advanced Course.** First term. Credit two hours. Prerequisite, courses 1 and 2. Professors BURRITT, WHEELER, and CROSBY.

5. **Agricultural Journalism.** First term. Credit three hours. Open only to those who have passed the required hours in English. Professor ADAMS.

6. **Agricultural News Writing.** Second term. Credit two hours. Prerequisite course 5 or its equivalent. Professor ADAMS.

7. **The Country Weekly.** First term. Credit two hours. Prerequisite course 5. Assistant Professor ATWOOD.

8. **Agricultural Information Service.** Second term. Credit two hours. Prerequisite course 5. Professor ADAMS]. Not given in 1921-22.

FARM MANAGEMENT

See "Agricultural Economics and Farm Management."

FARM PRACTICE

1. **Farm Practice.** First and second terms. Without credit toward graduation but giving credit toward the farm practice requirement, depending on the amount and quality of the work done. Mr. KIRKLAND and assistants.

2. **Six Weeks Farm Work.** During the summer. Without credit toward graduation, but giving twelve points toward the farm-practice requirement. Mr. KIRKLAND and assistants.

FLORICULTURE

1. **Principles and Methods of Greenhouse Practice.** First term. Credit three hours. Required of all students before they may register in courses 2, 3, 4, or 5. Professor WHITE and Mr. PRATT. Laboratory fee, \$2.50.

2. **Greenhouse Construction.** Second term. Credit three hours. Prerequisite course 1. Assistant Professor NEHRING and Mr. PRATT. Laboratory fee, \$1.

3. **Commercial Floriculture.** First term. Credit four hours. Prerequisite courses 2, Botany 1 and 20, Soils 1, and the farm-practice requirement. Assistant Professor NEHRING and Mr. PRATT. Laboratory fee, \$2.

4. **Commercial Floriculture.** Second or third term. Credit four hours. Prerequisite course 3. Professor WHITE, Assistant Professor NEHRING and Mr. PRATT. Laboratory fee, \$2.

5. **Wholesaling and Retailing Flowers.** First term. Credit one hour. Prerequisite course 4, and permission to register. Assistant Professor NEHRING.

6. **Floral Arrangement.** Second term. Credit one hour. Professor WHITE and Miss MINNS. Laboratory fee, \$4.50.

7. **Conservatory Plants.** Third term. Credit two hours. Prerequisite course 1. Assistant Professor NEHRING. Fee, \$1.

8. **Garden Flowers.** Second or third term. Credit three hours. Prerequisite course 1 or 9, Botany 1 or Landscape Art 20. Miss MINNS and Mr. PRATT. Laboratory fee \$2.

8a. **Grouping and Arrangement of Annuals and Herbaceous Perennials.** Second or third term. Credit two hours. Prerequisite course 8. Miss MINNS.

9. **Amateur Floriculture.** First, second, or third term. Credit three hours. Miss MINNS and Mr. PRATT. Laboratory fee, \$2.

11. **The History and Literature of Floriculture.** First term. Credit two hours. Designed primarily for seniors and required of graduate students. Professor BEAL.

12. **Investigation in Floriculture.** Throughout the year. Credit one or two hours a term. Prerequisite courses 1, 3, and 4, and permission to register. Designed primarily for upperclassmen and graduate students. Professors WHITE and BEAL, and Assistant Professor NEHRING.

13. **Seminary.** First and second terms. Credit one hour a term. Required of advanced students who elect course 12, and of all graduate students specializing in floriculture. Professor WHITE and members of the staff.

FORESTRY

Courses intended primarily for students who do not expect to make forestry their major work. Standing as professional students may not be gained by taking courses 1-5

1. **The Farm Woodlot.** First or second term. Credit two hours. Assistant Professor GUISE.
2. **Elements of Forestry: Mensuration and Management.** Second term. Credit three hours. Professor BENTLEY. Laboratory fee, \$1.
3. **Elements of Forestry: Silviculture.** First term. Credit three hours. Professor SPRING. Laboratory fee, \$1.
4. **Forest Resources of New York State.** Second term. Credit two hours. Professor RECKNAGEL. Not given in 1921-22.
5. **Conservation of Natural Resources.** Second term. Credit two hours. Professor ADAMS. Not given in 1921-22.

Courses intended both for professional forestry students and students in other lines

6. **The Field of Forestry.** First term. Credit two hours. Professor SPRING.
7. **Timber Treatment.** Second term. Credit two or three hours. Assistant Professor GUISE. Laboratory fee, \$1.
8. **Wood Technology.** First term. Credit three hours. Professor RECKNAGEL. Laboratory fee, \$1.
9. **Forest Utilization.** First term. Credit three hours. Professor RECKNAGEL.

Courses intended primarily for professional forestry students

Professional forestry students should not elect courses 1, 2, 3, and 4, as the following required professional courses cover the same ground in greater detail.

10. **Forest Engineering.** First term. Credit two hours. Prerequisite plane trigonometry and one course in surveying. Professor BENTLEY.
11. **Forest Mensuration.** Second term. Credit three hours. Professor BENTLEY.
12. **Forest Management.** Second term. Credit three hours. Prerequisite courses 11, 14 and 15. Assistant Professor GUISE.

This course is arranged particularly for students who do not expect to take course 20. Those planning to take graduate work in forestry should not elect course 12.

13. **Timber Trees and Forest Regions.** First term. Credit three hours. Professor BENTLEY. Laboratory fee, \$1.
- 13a. **Forests of Foreign Countries.** First term. Credit one hour. Prerequisite course 13 or its equivalent. Professor BENTLEY.
14. **Silviculture: Forest Ecology.** Second term. Credit three hours. Prerequisite courses 13 and Botany 2 or their equivalents. Professor SPRING. Laboratory fee, 50 cents.
15. **Silviculture: Natural Reproduction and Care of the Forest.** First term. Credit four hours. Prerequisite courses 13 and 14. Professor SPRING. Laboratory fee, 50 cents.
16. **Silviculture: Forest Planting and the Forest Nursery.** Second term. Credit three hours. Professor SPRING and Mr. APGAR. Laboratory fee, \$1.50.
18. **Forest Protection.** Second term. Credit three hours. Open only to professional forestry students. Professor HOSMER.
19. **Forest Policy, Forest Law, and History of Forestry.** Second term. Credit three hours. Should not be elected by others than professional forestry students unless they have had courses 2 and 3, or course 6. Professor HOSMER.
20. **Forest Organization and Finance.** First term. Credit three hours. Open only to graduate students. Professor RECKNAGEL and Assistant Professor GUISE.
21. **Forest Administration.** Second term. Credit two hours. Prerequisite, course 20. Professor HOSMER.
22. **Seminary.** First and second terms. Two hours a term. Open only to graduate students. Professors HOSMER, SPRING, RECKNAGEL, and BENTLEY, and Assistant Professor GUISE.
23. **Advanced Work.** Throughout the year. Credit two or more hours a term. Open to graduate and undergraduate students who have had the necessary training. Professors HOSMER, SPRING, RECKNAGEL, and BENTLEY, and Assistant Professor GUISE.
24. **Research.** Throughout the year. Three or more hours a term. Open only to graduate students who have had the necessary training. Professors HOSMER, SPRING, RECKNAGEL, and BENTLEY, and Assistant Professor GUISE.

HOME ECONOMICS

Foods and Nutrition

1. **Foods, Introductory Course.** First or second term. Credit two hours. This course or its equivalent is required of all home economics students and should be taken in the freshman year. Professor MONSCH, Assistant Professor HENRY, and Misses FLEMMING and ROBERTS. Laboratory fee, \$10.
3. **Foods, General Course.** First and second terms. Credit four hours a term. Should be taken in the sophomore year. Must be preceded or accompanied by organic chemistry. Assistant Professor MOSES and Miss ROBERTS. Laboratory fee, \$14 a term.

9. **Food Preparation, Advanced Course.** First term. Credit three hours. Open to seniors only. Prerequisite course 3. Assistant Professor BOYS.
19. **Food Preparation, Survey Course.** First term. Credit three hours. Designed especially for students in other colleges. Assistant Professor BOYS. Laboratory fee, \$14.
22. **Nutrition and Dietetics.** Second term. Credit five hours. Should be taken in the junior year. Prerequisite courses 3, Chemistry 375, and Biochemistry 14. Professors ROSE and MONSCH, Assistant Professor HENRY, and Miss FLEMMING. Laboratory fee, \$10.
23. **Seminary in Nutrition.** First term. Credit two hours. Open to seniors in Home Economics only. Prerequisite course 22 or its equivalent. Assistant Professor HENRY.
24. **Diet in Relation to the Treatment of Disease.** First term. Credit three hours. Should be taken in the senior year. Required of those specializing in dietetics. Prerequisite course 22 or its equivalent. Professor MONSCH. Laboratory fee, \$3.
31. **Nutrition of School Children.** First or second term. Credit two hours. Required of, and open only to students preparing to teach. Prerequisite course 22. Professor MONSCH.
35. **Dietetics, Survey Course.** Second term. Credit two hours. Required of junior home-economics students specializing in clothing, but open to students in other colleges. Professor ROSE.
- 35a. **Dietetics, Survey Laboratory Course.** Second term. Credit one hour. Required of junior home-economics students specializing in clothing. Prerequisite course 1 or its equivalent. Must be accompanied by course 35. Professor MONSCH. Laboratory fee, \$7.
36. **Foods and Nutrition, Survey Course.** Second term. Credit two or three hours. For students not specializing in home economics. The lectures may be taken without the laboratory. No student will be admitted to the laboratory who is not registered in the lectures. Professor ROSE and Assistant Professor BOYS. Laboratory fee, \$7.

Clothing and Textiles

60. **Clothing Selection.** First or second term. Credit three hours. Should be taken in the freshman year. Required of all students in home economics. Assistant Professor BLACKMORE and Miss JAKWAY. Laboratory fee, \$3.
- [61. **Dressmaking, Survey Course.** First term. Credit three hours. Miss JAKWAY.] Not given in 1921-22. Laboratory fee, \$3.
65. **Constructive Clothing Design.** Second term. Credit three hours. Should be taken in the sophomore year parallel with course 107. Prerequisite courses 60 and 105. Assistant Professor HUNTER. Laboratory fee, \$3.
70. **Principles and Practice in Clothing Construction and Design, Teachers' Course.** First and second terms. Credit four hours a term. Should be taken by juniors. Open only to students preparing to teach. Prerequisite courses 60, 65, 90, 105, and 107. Prerequisite or parallel, Rural Education 2 and 4. Assistant Professors HUNTER and BLACKMORE.
75. **Commercial Clothing Construction.** First and second terms. Credit three, four, or five hours. Five hours required of clothing specialists. Open only to students preparing to teach. Prerequisite courses 60, 65, 70, 90, 105, and 107. Prerequisite or parallel, Rural Education 2 and 4. Mrs. MCILROY and Miss BROOKINS.
80. **Elementary Millinery.** First or second term. Credit two hours. Prerequisite course 60 or its equivalent. Laboratory fee, \$3.
81. **Advanced Millinery.** First or second term. Credit two hours. Prerequisite courses 60 and 80. Laboratory fee, \$3.
90. **Textiles.** First or second term. Credit two hours. May be taken second term of freshman year or first term of sophomore year. Required of all students in home economics. Miss JAKWAY. Laboratory fee, \$3.

Housing and Design

- [100. **Housing.** First term. Credit one hour. Required of all students in home economics. May be taken in either the junior or senior year. Professor YOUNG.] Not given in 1921-22.
- [101. **House Planning.** First term; repeated or continued second term. Credit two hours. Elective for juniors. Professor YOUNG.] Not given in 1921-22. Laboratory fee, \$1.
- [102. **Environmental Art.** Second term. Credit one hour. Should be taken in the junior year. Required of all students in home economics. Professor WARNER.] Not given in 1921-22.
105. **Color.** First or second terms. Credit two hours a term. Should be taken in the sophomore year. Required of all students in home economics. Prerequisite course 60. Professor WARNER. Laboratory fee, \$4.
107. **Clothing Design.** Second term. Credit two hours. Should be taken in the sophomore year. Required of all students who are planning to teach clothing. Prerequisite courses 60 and 105. Professor WARNER and Miss WETHERBEE. Laboratory fee, \$4.
110. **Home Decoration and Furnishing.** Second term. Credit two hours. Should be taken in the junior year. Prerequisite course 105. Professor WARNER. Laboratory fee, \$4.
112. **Special Problems in Design.** Second term. Credit two hours. Should be taken in the senior year. Prerequisite, courses 100, 102, 105, and 110. Professor WARNER. Laboratory fee, \$3.

Household and Institution Management

120. **Economics of the Household.** First term. Credit two hours. Prerequisite, Economics 51. Required of seniors in home economics. Professor VAN RENSSELAER.
130. **House Practice, Lecture Course.** First term. Credit one hour. Required of seniors in home economics. Miss FLEMMING.
- 130a. **House Practice, Laboratory Course.** First or second term. Credit two hours. Miss FLEMMING. Laboratory fee, \$24, including room and board for the four weeks in the practice house.
- [135. **The History of Housekeeping.** Second term. Credit two hours. Open to sophomores juniors, and seniors.] Not given in 1921-22.

140. **Institution Practice.** First and second terms. Credit three hours a term. Open to juniors and seniors in home economics. Required of all students specializing in institution management or as dietitians. Miss FARMER.

141. **Marketing and Large-Quantity Cookery.** First and second terms. Credit four hours a term. Prerequisite course 140. Open to seniors in home economics. Required of all students specializing in institution management or as dietitians. Miss FARMER. Laboratory fee, \$5 a term.

142. **Institution Management.** Second term. Credit three hours. Prerequisite, course 141. Open to seniors in home economics. Required of all students specializing in institution management or as dietitians. Miss FARMER.

150. **Institution Accounts.** First or second term. Credit four hours. Open to juniors and seniors only. Should be taken in junior year by students in institution management. Mrs. GEORGIA.

155. **Health in the Home.** First term. Credit three hours. Required of students in home economics, in the junior or senior year. Prerequisite, bacteriology. Assistant Professor REYNOLDS.

Civic and Industrial Relations of Women

190. **Woman and the Family.** Second term. Credit three hours. Professor VAN RENSSSELAER.

[200. **Women in Industry.** First term. Credit three hours. Open to juniors and seniors.] Not given in 1921-22. Laboratory fee, \$2.

[205. **Industrial Administration Problems and Practices.** Second term. Credit three hours. Open to seniors and graduate students in home economics who have taken course 200 and are specializing in institution management.] Not given in 1921-22. Laboratory fee, \$8.

[210. **Woman and the State.** Second term. Credit three hours. Open to juniors and seniors.] Not given in 1921-22.

Special Problems

220. **Special Problems.** First and second terms. Credit and hours by arrangement. Open only to seniors and graduate students in home economics, and to other qualified persons by special consent. Prerequisite, a fundamental knowledge of home economics. Instruction by members of the departmental staff and others.

Extension

260. **Extension in Home Economics.** First and second terms. Credit three hours. Open to seniors, and to others who have given evidence of their ability to develop this work satisfactorily. Preliminary courses recommended are Extension Teaching I, Public Speaking I, and Rural Social Organization I. Professor VAN RENSSSELAER. Laboratory fee, \$5 a term.

Supervised Study

[280. **Supervised Study.** First term. Credit one hour. Open only to freshmen in home economics, and required of them.] Not given in 1921-22.

LANDSCAPE ART

2. **A Brief Introduction to Landscape Design.** First or second terms. Credit two hours a term. Professor DAVIS.

3. **History of Landscape Design.** First term. Credit two hours. Professor DAVIS. Laboratory fee, \$1.

4a. **Theory: Planning of Private Properties.** First term. Credit one hour. Prerequisite course 3. Professor DAVIS.

4b. **Theory: Planning of Public Properties.** Second term. Credit three hours. Prerequisite, for landscape students only, course 3. Professor DAVIS.

9. **Landscape Design, Elementary Course.** First and second terms. Credit three hours. Intended for sophomores in landscape art. Assistant Professor MONTILLON. Laboratory fee, \$1.

11. **Landscape Design, Intermediate Course.** First and second terms. Credit four hours a term. Prerequisite courses 3, 4a, 9, 13, 30, and 32, and Architecture I, II, 151, and 152. Intended for juniors in landscape art. Assistant Professor MONTILLON, assisted in judgments by the departmental staff. Laboratory fee, \$1 a term.

13. **Plant Materials.** Third term. Credit five hours. Open to general election but intended for juniors in landscape art. Professor R. W. CURTIS. Laboratory fee, \$1.50.

[13a. **A Brief Introduction to Plant Materials.** First term. Credit three hours. Professor R. W. CURTIS.] Not given in 1921-22. Laboratory fee, \$1.50.

15*. **Landscape Design, Advanced Course.** First and second terms. Credit three or eight hours a term. Prerequisite courses 11 and 17. Intended for seniors in landscape art. Assistant Professor MONTILLON, and the departmental staff. Laboratory fee, \$1 a term.

16*. **Landscape Engineering and Details of Construction.** Second and first terms. Credit, second term, three hours, first term, three or eight hours. Interrelated with course 15. Prerequisite, Civil Engineering 10; must be accompanied by Civil Engineering 211a. Intended for seniors in landscape art. Professor DAVIS and Mr. MEIXNER.

[17. **Planting Design, Elementary Course.** First term. Credit three hours. Prerequisite course 13. Intended for juniors in landscape art. Professor R. W. CURTIS.] Not given in 1921-22.

[17a. **A Brief Introduction to Planting Design.** First term. Credit two hours. Prerequisite courses 2 and 13a. Intended for general election. Professor R. W. CURTIS.] Not given in 1921-22.

18*. **Planting Design, Advanced Course.** First term. Credit three or eight hours. Interrelated with course 15. Prerequisite course 17. Intended for seniors in landscape art.

*Students wishing to elect course 15, 16 or 18, are required to register in all three, registering for eight hours in one, and for three hours in each of the other two.

20. **Propagation.** First and second terms. Credit one hour a term. Mr. HUNN.
 30. **Freehand Drawing.** First and second terms. Credit from two to four hours a term. Professor BAKER and Miss GARRETT.
 31. **Outdoor Sketching.** Third term. Credit from two to four hours. Prerequisite course 30 or its equivalent. Professor BAKER.
 32. **Freehand Drawing, Advanced Course.** First or second term. Credit from two to four hours. Prerequisite course 30 or its equivalent. Professor BAKER and Miss GARRETT.
 33. **Perspective.** First term. Credit one hour. Prerequisite course 30 or its equivalent, and descriptive geometry. For students in landscape art. Professor BAKER.
 34. **Pictures and Their Making.** First term, without credit. Open to all who are interested. Professor BAKER.
 40. **Seminary.** First and second terms. Credit one hour a term. Intended for seniors, and graduates in landscape art. Departmental staff.
- Special Lectures and Excursions.** Occasionally during the year, at times to be announced, special lectures on landscape subjects will be held under the auspices of the department. Representative landscape architects, park superintendents, and gardeners will be speakers.
- In the course of each year or at the end of the year, inspection trips will be taken for the purpose of studying, at first hand, important examples of good American landscape work.

METEOROLOGY

1. **Elementary Meteorology.** First term. Credit three hours. Professor W. M. WILSON and Mr. MORDOFF. Laboratory fee, \$2.
2. **General Climatology.** Second term. Credit two hours. Prerequisite, course 1. Mr. MORDOFF.
3. **Climatology of the United States.** First term. Credit two hours. Prerequisite courses 1 and 2. Mr. MORDOFF.
6. **Meteorology and Climatology.** Second term. Credit two hours. Registration limited to upperclassmen. Mr. MORDOFF.
11. **Research.** First and second terms. Credit one or more hours a term. Prerequisite, permission to register. Professor W. M. WILSON.

PLANT BREEDING

1. **Genetics.** First term. Credit four hours. Prerequisite, Botany 1 and 20, or equivalents in zoology and physiology. Professor HUTCHISON, Assistant Professor FRASER, and Mr. DORSEY. Laboratory fee, \$3.
8. **Principles and Methods of Plant Breeding.** Second term. Credit two hours. Prerequisite course 1. Assistant Professor FRASER.

Advanced and Graduate Courses

10. **Taxonomy of the Cereal Crops.** Third term. Credit two or more hours. Primarily for graduate students who have had adequate training in botany and whose primary interest is in cereals. Prerequisite, permission to register. Assistant Professor WIGGANS.
- [11. **Biometry.** First term. Credit two hours. For graduate students only. Professor LOVE.] Not given in 1921-22.
13. **Genetics, Advanced Course.** Second term. Credit three hours. Primarily for graduate students. Prerequisite course 1 or its equivalent, Botany 1, 10, and 20, and permission to register. Professor HUTCHISON and Assistant Professor FRASER. Laboratory fee, \$3.
16. **Research.** Throughout the year. Professors EMERSON, LOVE, MYERS, and HUTCHISON, and Assistant Professors BUSSELL, FRASER, and WIGGANS.
17. **Seminary.** First and second terms. For graduate students only. Professors EMERSON, LOVE, MYERS, and HUTCHISON, and Assistant Professors BUSSELL, FRASER, and WIGGANS.

PLANT PATHOLOGY

1. **General Plant Pathology.** First or second term. Credit three hours. Prerequisite, Botany 1 or its equivalent. Assistant Professors MASSEY and DYE, and Messrs. HONEY and DICKSON. Laboratory fee, \$4.50; breakage deposit, \$3.
2. **Principles of Plant-Disease Control.** Second term. Credit three hours. Prerequisite course 1. Assistant Professor BURKHOLDER. Breakage deposit, \$3.
6. **Comparative Morphology of Fungi.** First term. Credit four hours. Prerequisite, Botany 1 or its equivalent. Assistant Professor FITZPATRICK and Mr. WELCH. Laboratory fee, \$6; breakage deposit, \$3.
9. **Forest Pathology.** Second term. Credit two hours. Prerequisite course 1. Assistant Professor MASSEY and Mr. DICKSON.
10. **Advanced Plant Pathology.** First and second terms. Credit three hours. Prerequisite courses 1 and 2. Assistant Professor MASSEY. Laboratory fee, \$4.50; breakage deposit, \$3.
- [12. **Mycology.** First and second terms. Credit four hours. Prerequisite Botany 1 or its equivalent. Assistant Professor FITZPATRICK.] Not given in 1921-22.
14. **Mycology.** First and second terms. Credit four hours. Prerequisite, Botany 1 or its equivalent. Assistant Professor FITZPATRICK and Mr. WELCH. Laboratory fee, \$6; breakage deposit, \$3.
- [17. **History of Plant Pathology.** First and second terms. Credit one hour. Prerequisite course 1 and reading knowledge of French and German. Professor WHETZEL.] Not given in 1921-22.
19. **German Phytopathological Reading.** First and second terms. Without credit for undergraduate students. Professor WHETZEL.] Not given in 1921-22.
20. **Research.** Throughout the year. Professors and assistant professors on the departmental staff. Laboratory fee, \$1.50 a credit hour; breakage deposit, \$3.

25. **Seminary.** First and second terms. Required of graduate students taking work in the department.

POMOLOGY

1. **Pomology.** Second term. Credit three hours. Prerequisite, for regular students, Botany I, Chemistry 101, the farm-practice requirements, and permission to register. Professor CARRICK and Mr. HOWLETT. Laboratory fee, \$3.50; deposit, \$1.

8. **Fruit Varieties: Exhibits, Identification, Judging.** First term. Credit one hour. Prerequisite course 1. Assistant Professor MACDANIELS and Mr. HOWLETT. Laboratory fee, \$3.50.

9. **Packing Fruit for Market.** First term. Credit two hours. Prerequisite courses 1 and 8, and permission to register; must be preceded or accompanied by Entomology 3, Plant Pathology 1, and Agronomy 1. Professor PECK. Laboratory fee, \$3.50.

10. **Economic Fruits of the World.** First term. Credit two hours. Prerequisite courses 1 and 8, and permission to register. Assistant Professor MACDANIELS and Mr. HOWLETT. Laboratory fee, \$2.

11. **Orchard Field Trip.** Credit one hour. Prerequisite courses 1 and 8, and permission to register. Professors HEINICKE and CARRICK and Assistant Professor MACDANIELS.

12. **Experimental Pomology.** First or third term. Credit three hours. Prerequisite courses 1 and 8, and permission to register; must be preceded or accompanied by course 10, Botany 20, Plant Pathology 1, Entomology 3, and Agronomy 1. Professors CHANDLER and HEINICKE.

13. **Pomology, Advanced Laboratory Course.** Second term. Credit one hour. Prerequisite course 12, and permission to register. Professors HEINICKE and CARRICK, Assistant Professor MACDANIELS, and Mr. HOWLETT. Laboratory fee, \$2.

19. **Research.** Throughout the year. Credit one or more hours a term. Prerequisite course 12, and permission to register. Professors CHANDLER, HEDRICK, HEINICKE, CARRICK, and Assistant Professors MACDANIELS and PECK.

20. **Seminary.** Throughout the year, without credit. Required of students taking course 19 and of graduate students in pomology. Members of the departmental staff.

POULTRY HUSBANDRY

1. **Poultry Husbandry.** First term. Credit two hours. Professor RICE.

1a. **Poultry Husbandry.** Second term. Credit two hours. Prerequisite course 10. Mr. WEAVER.

2. **Poultry Feeds and Feeding.** First term. Credit two hours. Prerequisite course 10, and Animal Husbandry 1. Assistant Professor HEUSER.

2a. **Flock Management.** Second or third term. Credit one hour. Must be preceded or accompanied by course 10, and preferably also by Animal Husbandry 1. Assistant Professor HEUSER.

3. **Incubator Practice.** Second, or third term. Credit one hour. Must be preceded or accompanied by course 10. Mr. WEAVER.

3a. **Brooder Practice.** Second, or third term. Credit one hour. Must be preceded or accompanied by course 10. Mr. WEAVER.

4. **The Breeds of Poultry and Judging.** First term. Credit two hours. Prerequisite course 10. Professor KENT.

4a. **Judging, Advanced Course.** First term. Credit one hour. Prerequisite course 4, and permission to register. Professor KENT.

4b. **Poultry Breeding.** First term. Credit two hours. Prerequisite course 4 and Plant Breeding 1. Professor KENT.

5. **Poultry-House Design and Construction.** Second term. Credit two hours. Prerequisite course 10, and permission to register. Assistant Professor BOTSFORD.

7. **Market Products.** First term. Credit two hours. Prerequisite course 10. Mr. CARD.

7a. **Marketing Practice.** First or second term. Credit one hour. Prerequisite course 7, and permission to register. Mr. CARD.

8. **Poultry Farm Management.** Second term. Credit two hours. Prerequisite courses 1a, 2, 4, 4b, 5, and 7; must be preceded or accompanied by courses 2a, 3, and 3a; should be preceded or accompanied by Farm Management 2. Professor RICE and Assistant Professor BOTSFORD.

9. **Commercial Marketing.** First term. Credit two hours. Prerequisite course 7, Economics 51, and permission to register. Mr. CARD.

10. **Farm Poultry.** Second or third term. Credit three hours. Professors RICE and KENT, Assistant Professors HEUSER and BOTSFORD, and Messrs. CARD and WEAVER.

11a. **Seminary.** Throughout the year. For graduate students only; required of all graduate students in poultry husbandry. Members of the departmental staff.

12. **Research.** First, second, or third term, or throughout the year. Credit one to three hours a term. Prerequisite, permission to register; must be preceded or accompanied by course 8 or 11a. Members of the departmental staff.

RURAL ECONOMY

See Agricultural Economics and Farm Management.

RURAL EDUCATION

1. **Introduction to the Problems of Public Education.** Second term. Credit two hours. Not open to first-term freshmen. Professor STEWART.

2. **Educational Psychology.** First or second term. Credit four hours; alternate third terms, credit three hours. Not given in third term 1921. Open to juniors and seniors. Professor KRUSE and Assistant Professor FERRISS.

4. **Principles of Teaching.** First or second term. Credit three hours. Open to juniors and seniors who have completed course 2 or its equivalent. Professors BUTTERWORTH and BRIM.
6. **Agriculture in the High School.** Second term. Credit three hours. Open to students who have completed courses 2 and 4, and who have met the farm-practice requirements. Professor STEWART.
7. **Home Economics in the High School.** Second term. Credit three hours. Should be taken by juniors. Acting Professor BINZEL.
- 8a. **Teaching.** First or second term. Credit not to exceed five hours, to be determined by work done. Open to a limited number of seniors in agriculture. Professors STEWART and EATON.
- 8b. **Teaching.** Same as 8a, for seniors in home economics. Acting Professor BINZEL.
9. **Junior Extension.** Second term. Credit two hours. Open to students who have completed or are taking courses 2 and 4. Professor WRIGHT and Miss JOHNSON.
10. **Educational Measurement.** Second term, and alternate third terms. Credit two hours. Not given in third term 1921. Open to graduate students only. Professor KRUSE.
12. **Principles of Method.** Second term and every third year in the third term. Credit three hours. Designed for graduate students. Professor STEWART.] Not given in 1921-22.
14. **Teacher-Training Institutions for Teachers of Agricultural Vocations.** Second term. Credit four hours. Professor EATON.
16. **Rural Secondary Education.** First term. Credit four hours, and every third year in the third term, credit three hours. Given in third term, 1920. Designed primarily for graduate students. Assistant Professor FERRISS.
17. **The Rural and Village Principalship.** Second term. Credit two hours. Open to juniors by permission. Assistant Professor FERRISS.
18. **State and County School Administration.** Second term. Open to graduate students only. Professor BUTTERWORTH.
19. **Administrative Problems of District and County Superintendents.** Second term. Credit three hours. Professor BUTTERWORTH.
20. **Administration and Supervision of Vocational Agriculture.** First term. Credit three hours. Open to graduate students only. Professor WORKS.
22. **Educational Psychology.** First term. Credit four hours. Designed for graduate students. Open to other mature students by permission of the instructor. Professor KRUSE.
24. **Principles of Teaching and Supervision.** Second term. Credit three hours. Designed for graduate students. Professor BRIM.
25. **Research in Rural Education.** Throughout the year. For graduate students only. Professors WORKS, STEWART, KRUSE, BUTTERWORTH, EATON, and BRIM, Acting Professor BINZEL, and Assistant Professors FERRISS and PALMER.
26. **Seminary.** First and second terms, without credit. Required of graduate students. Professors WORKS, STEWART, KRUSE, EATON, and BRIM, Acting Professor BINZEL, and Assistant Professors FERRISS and PALMER.
27. **Seminary in Rural-School Administration.** Second term. Credit two hours. Open to graduate students only. Professor BUTTERWORTH.
30. **Problems of Rural-School Teacher-Training.** Second term. Credit two hours. Professor BRIM.
45. **The Theory of Vocational Education.** Second term. Credit three hours. Professor EATON.
- 60a. **Field Nature Study.** First or second term. Credit one hour. Assistant Professor PALMER and Mrs. HAUSMAN.
- 60b. **Nature Study.** Second term. Credit three hours. Assistant Professor PALMER and Mrs. HAUSMAN.
63. **Elementary Science in the Rural High School.** Second term. Credit one hour. Assistant Professor PALMER.
65. **Conference on Nature Study.** Second term. Credit one hour. Assistant Professor PALMER.

RURAL ENGINEERING

For students in agriculture who are not specializing in rural education, courses in shop work are given in Sibley School of Mechanical Engineering. In forge work, 101, one or more hours may be taken; in wood working, 102, the minimum registration is two hours, and more work may be taken if desired.

1. **Farm Field Machinery.** First term. Credit three hours. Prerequisite courses 3 and 51 or reasonable and approved proficiency in drawing. Professor RILEY, Assistant Professor FAIRBANKS.] Not given in 1921-22. Laboratory fee, \$2.
2. **Farm Power Machinery.** Second term. Credit three hours. Intended for seniors or juniors and not open to freshmen. Prerequisite courses 3 and 51, or reasonable and approved proficiency in drawing, and permission to register. Assistant Professor FAIRBANKS. Laboratory fee, \$5.
3. **Farm Mechanics.** First or second term. Credit three hours. Intended for sophomores or juniors but open to freshmen. It is recommended but not required that students take course 51 in preparation for this course. Professor RILEY, Assistant Professor FAIRBANKS. Laboratory fee, \$2.
4. **Dairy Mechanics.** First term. Credit two hours. Professor RILEY, Assistant Professor FAIRBANKS.] Not given in 1921-22. Laboratory fee, \$3.
10. **Household Mechanics.** Second term. Credit two hours. Intended for students in home economics. Professor ROBB.
19. **Research in Rural Engineering.** First or second term. Credit one or more hours. Prerequisite, adequate ability and training for the work proposed, and permission to register. Professors and Assistant Professors of the department.
20. **Farm Engineering.** First or second term. Credit three hours. It is recommended but not required that students have training in mechanical drawing. Professor ROBB and Assistant Professor MCCURDY. Laboratory fee, \$2.

21. **Drainage.** Second term. Credit two hours. Prerequisite course 20 and Soils 1, or their equivalent. Professor ROBB and Assistant Professor McCURDY. Laboratory fee, \$1.
28. **Farm Engineering, Advanced Course.** First term. Credit three hours. Prerequisite course 20 or its equivalent. Assistant Professor McCURDY.
30. **Farm Structures.** First or second term. Credit three hours. Assistant Professor REYNA. Laboratory fee, 50 cents.
41. **Farm Shop Work.** First or second term. Credit three hours. Assistant Professor ROEHL.
42. **Farm Shop Work, Advanced Course.** First or second term. Credit three hours. Prerequisite course 41 or its equivalent. Assistant Professor ROEHL.
51. **Mechanical Drawing.** First or second term. Credit three hours. Assistant Professor REYNA.

RURAL SOCIAL ORGANIZATION

1. **The Social Problems of Rural Communities.** First, second, or third term. Credit four hours. Professors SANDERSON and W. S. THOMPSON. Laboratory fee, \$1.50.
2. **The Rural Family.** First term. Credit three hours. Prerequisite course 1. Professor W. S. THOMPSON.
5. **The Rural Community.** Second or third term. Credit three hours. A seminary course primarily for graduate students. Prerequisite course 1 and Economics 55a and 55b, or their equivalent. Professor SANDERSON.
8. **The Social Psychology of Rural Life.** First term. Credit three hours. For advanced students. Prerequisite, permission to register. Professor W. S. THOMPSON.
15. **Research in Rural Social Organization.** Throughout the year. For graduate students only. Professors SANDERSON and W. S. THOMPSON.

VEGETABLE GARDENING

1. **Principles of Vegetable Gardening.** Second term. Credit three hours. Must be preceded or accompanied by Agronomy 1 and Botany 1. Assistant Professor SCHNECK. Laboratory fee, \$2.
2. **Special Crops.** Second term. Credit three hours. To be preceded or accompanied by Agronomy and Botany 1. Assistant Professor HARDENBURG and Mr. DIKEMAN. Laboratory fee, \$2.
3. **Vegetable Forcing.** First term. Credit three hours. Must be preceded by course 1. Assistant Professor SCHNECK. Laboratory fee, \$2.
4. **Systematic Vegetable Crops.** Offered in summer term if as many as five students register. Credit two hours. Prerequisite course 1. Professor WORK. Laboratory fee, \$2.
5. **Vegetable Gardening, Advanced Course.** Second term. Credit two hours. Prerequisite course 1. Professor H. C. THOMPSON.
6. **Research.** Throughout the year. Credit three or more hours a term. For graduate students only. Professors WORK and H. C. THOMPSON and Assistant Professors SCHNECK and HARDENBURG.

WILD-LIFE CONSERVATION AND GAME FARMING

1. **The Conservation of Wild Life.** First term. Credit two hours. Professors NEEDHAM, HOSMER, WIEGAND, and EMBODY, Assistant Professors WRIGHT and ALLEN, and co-operating specialists.
- [2. **Game Farming.** First term. Credit two hours.] Not given in 1921-22.
- [3. **Game Farming, Laboratory Course.** Second term. Credit one hour. Prerequisite course 1 and Zoology 1.] Not given in 1921-22.
- [4. **Fur Farming.** First term. Credit one hour. Prerequisite, course 1 and Zoology 5 or 11. Assistant Professor ALLEN and Mr. LEISTER.] Not given in 1921-22.
- [10. **Wild Waterfowl.** Second term. Credit one hour. Must be preceded or accompanied by courses 1 and 2, and Animal Husbandry 1, or Poultry Husbandry 2 or 10.] Not given in 1921-22.
- [11. **Upland Birds.** Second term. Credit one hour. Must be preceded or accompanied by courses 1, 2, and 10, and Animal Husbandry 1, or Poultry Husbandry 2 or 10.] Not given in 1921-22.
- [15. **Research in Game Farming.**] Not given in 1921-22.

SCHOLARSHIPS AND PRIZES

The Eastman Prize for Public Speaking, the Stewart Prize for the Production of Clean Milk, the C. Lathrop Pack Prize, the Alumni Prize for Scholarship, and the Roberts Scholarships are awarded only to students in the College of Agriculture. For these and for the prizes and scholarships open to all students of the University, see pp. 186-191.

COLLEGE OF ARCHITECTURE

For detailed information concerning the work of the College of Architecture, candidates for admission to the college should consult the Announcement of the College of Architecture which will be sent gratis on application to the Secretary of the University.

FACULTY

LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University.
FRANCKE HUNTINGTON BOSWORTH, jr., A.B., Dean of the College of Architecture, and Professor of Design.
CLARENCE AUGUSTINE MARTIN, D.Sc., Professor of Architecture.
OLAF MARTINIUS BRAUNER, Professor of Drawing and Painting.
ALBERT CHARLES PHELPS, B.S., M. Arch., World War Memorial Professor of Architecture and Secretary of the Faculty of Architecture.
GEORGE YOUNG, jr., B.Arch., Professor of Architecture, in the Theory of Construction.
CHRISTIAN MIDJO, Professor of Freehand Drawing and Modeling.
LEROY P. BURNHAM, M.S.Arch., Assistant Professor of Design.
GEORGE RAY CHAMBERLAIN, M.E., Assistant Professor of Freehand Drawing.
ROBERT NORTH, B.Arch., Assistant Professor of Design.
HIRAM SAMUEL GUTSELL, B.P., A.M., Assistant Professor of Freehand Drawing.
HUBERT E. BAXTER, B.Arch., Assistant Professor of Architecture.
WALTER KING STONE, Assistant Professor of Drawing.

Students in the College of Architecture also receive instruction from members of other faculties of the University with whom they elect work, and each year eminent architects and practitioners of allied arts lecture before the College.

THE DEGREES OF BACHELOR OF ARCHITECTURE AND BACHELOR OF FINE ARTS

For admission to the College of Architecture, see p. 46, for tuition in the College of Architecture, see p. 53.

The undergraduate instruction for students in the College of Architecture leads to the degree of Bachelor of Architecture, or Bachelor of Fine Arts, the requirements for which are the completion of one of the following curricula:

1. The curriculum of four years in architecture leading to the degree of Bachelor of Architecture.
2. The curriculum of five years in architecture leading to the degree of Bachelor of Architecture.
3. The curriculum of four years leading to the degree of Bachelor of Fine Arts.

For the requirements in Military Science and Tactics, in Physical Culture, and in Hygiene, see p. 196.

Admission as Special Students

Special students are primarily students of advanced experience in the practice of their art. They must be at least twenty-one years of age; must have had a high school training or its equivalent, including a working knowledge of Plane Geometry and Solid Geometry and in the case of architects of algebra through quadratic equations. They should have at least three years' practical experience or its equivalent and submit with their application examples of their work or draftsmanship.

Six-Year Course Leading to the Degree of Bachelor of Architecture and Civil Engineer

Students, by special arrangement between the colleges concerned, may take a course covering a period of approximately six years leading to the degrees granted respectively by the two colleges.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARCHITECTURE

In order to be eligible for this degree students must complete the courses in Military Drill and Hygiene and the following, as listed under either the four or five-year course, dependent upon the subjects presented for entrance.

Four-Year Course

Theory of Architecture, 2 hours, Courses 101, 201.
 Architectural Design, 50 hours, Courses 111-112, 311-312, 411-412, 511-512.
 Theory of Construction, 10 hours, Courses 321-322, 324, 421-422.
 Freehand and Art work, 16 hours, Courses 131-132, 133-134, 231, 232, 331.
 History of Architecture and Art, 13 hours, Courses 142, 241-242, 341-342, 542.
 Graphics, 6 hours, Courses 151-152, 252.
 Applied Construction, 12 hours, Courses 361, 362, 461, 462, 561.

Mathematics 8, 6 hours; English Literature, 6 hours; Electives, 17 hours.

Five-Year Course

Theory of Architecture, 2 hours, Courses 101, 201.
 Architectural Design, 54 hours, Courses 111-112, 211-212, 311-312, 411-412, 511-512.
 Theory of Construction, 13 hours, Courses 321-322, 324, 421, 422, C. E. 77.
 Freehand and Art Work, 16 hours, Courses 131-132, 133-134, 231, 232, 331, 431.
 History of Architecture and Art, 13 hours, Courses 142, 241-242, 341-342, 542.
 Applied Construction, 12 hours, Courses 361, 362, 461, 462, 461.

Mathematics, 6 to 12 hours; English Literature, 9 hours; Physics, 5 hours;
 Chemistry, 6 hours; Electives, 18 hours.

COURSES LEADING TO THE DEGREE OF BACHELOR OF FINE ARTS

In order to be eligible for this degree students must complete the courses in Military Drill and Hygiene and the following, as listed under either Option A or Option B.

Option A. Course in Art.

Theory of Architecture, 1 hour, Course 101.
 Architectural Design, 6 hours, Courses 111-112.
 Freehand and Art Work, 69 hours, 131-132, 133-134, 231, 232, 733-734, 735-736, and special work.
 History of Architecture and Art, 13 hours, Courses 142, 241-242, 341-342, 741.
 Graphics, 7 hours, Courses 151-152, 751.

English Literature, 9 hours; Chemistry, 6 hours; History (General), 6 hours;
 Philosophy, 6 hours; Anatomy, 6 hours; Electives, 11 hours.

Option B. Course in Decorative Design.

Theory of Architecture, 2 hours, Courses 101, 201.
 Architectural Design, 48 hours, Courses 111-112, 311-312, 411-412, 711-712, and special work.
 Freehand and Art Work, 24 hours, Courses 131-132, 133-134, 231, 232, 331, 733-734, 735-736.
 History of Architecture and Art, 13 hours, Courses 142, 241-242, 341-342, 741.
 Graphics, 7 hours, Courses 151-152, 751.
 Applied Construction, 10 hours, Courses 361, 461, 462, 561.

English Literature, 6 hours; Chemistry, 6 hours; History (General), 6 hours;
 Philosophy, 3 hours; Electives, 15 hours.

COURSES OF INSTRUCTION

In the numbering of the courses the first figure indicates the year, the second, the general subject, and the third, the term; odd numbers being first term courses and even numbers, second term courses. All courses numbered 700 and over are elective.

THEORY OF ARCHITECTURE

101. **Theory of Architecture.** First term. Credit one hour. Professor BOSWORTH.
201. **Theory of Architecture.** First term. Credit one hour. Prerequisite course 101. Professor BOSWORTH.
701. **Philosophy of Architecture.** First term. Credit one hour. Prerequisite course 312. Professor BOSWORTH.
702. **Philosophy of Architecture.** Second term. Credit one hour. Prerequisite course 312. Either term or both may be taken. Professor BOSWORTH.

ARCHITECTURAL DESIGN

- 111-2. **First Year Design.** Throughout the year. Credit three hours a term. Professor BOSWORTH and Assistant Professor BURNHAM.
211-2. **Second Year Design.** Throughout the year. Credit two hours a term. Prerequisite courses 111-2. Professor BOSWORTH and Assistant Professor NORTH.
311-2. **Third Year Design.** Throughout the year. Credit six hours a term. Assistant Professor NORTH.
411-2. **Fourth Year Design.** Throughout the year. Credit six hours a term. Prerequisite courses 311-2. Assistant Professor NORTH.
511-2. **Fifth Year Design and Thesis.** Throughout the year. Credit ten hours a term. Prerequisite courses 411-2. Prerequisite for thesis, course 461-421-2. Professor BOSWORTH and Assistant Professor BURNHAM.
714. **Architectural Rendering.** Second term. Credit three hours. Prerequisite course 411. Assistant Professor BURNHAM.
711-2. **Interior Decoration.** Throughout the year. Credit three hours a term. Prerequisite course 312. A single term may be taken. Professor BOSWORTH and Assistant Professor BURNHAM.

THEORY OF CONSTRUCTION

321. **Mechanics.** First term. Credit two hours. Prerequisite, Mathematics 8. Professor YOUNG and Assistant Professor BAXTER.
322. **Strength of Materials.** Second term. Credit two hours. Prerequisite course 321. Professor YOUNG and Assistant Professor BAXTER.
324. **Graphic Statics.** Second term. Credit one hour. Prerequisite course 321, and must follow or be taken with course 322. Professor YOUNG and Assistant Professor BAXTER.
421. **Structural Design.** First term. Credit three hours. Prerequisite courses 321, 322, and 324. Professor YOUNG and Assistant Professor BAXTER.
422. **Structural Design.** Second term. Credit two hours. Prerequisite course 421. Professor YOUNG and Assistant Professor BAXTER.

FREEHAND AND ART WORK

- 131-2. **Elements of Drawing.** Throughout the year. Credit three hours a term. Assistant Professor CHAMBERLAIN.
133-4. **Elements of Color.** Throughout the year. Credit one hour a term. Assistant Professor STONE.
231. **Water Color Painting.** First term. Credit three hours a term. Prerequisite courses 133-4. Assistant Professor STONE.
232. **Life Class.** Second term. Credit two hours a term. Prerequisite courses 131-2. Professor BRAUNER and Professor MIDJO.
331. **Drawing from the Antique.** First term. Credit three hours. Prerequisite course 232. Professor BRAUNER.
431. **Life Class.** First term. Credit two hours. Prerequisite course 331. Professor BRAUNER.
731-2. **Elective Life Class.** Throughout the year. Credit three hours a term. May be taken for a single term. Professor BRAUNER.
733-4. **Modeling.** Throughout the year. Credit two hours a term. Professor MIDJO.
735-6. **Color Composition.** Throughout the year. Credit two hours a term. Professor MIDJO.
737-8. **Magazine and Book Illustration.** Throughout the year. Credit two hours a term. Assistant Professor STONE. Prerequisite course 331.
830. **Art Editorship.** Second term. Credit two hours. Assistant Professor STONE.

HISTORY

142. **History of Architecture.** Second term. Credit three hours. Professor PHELPS.
241. **History of Architecture.** First term. Credit three hours. Prerequisite course 142. Professor PHELPS.

242. **History of Architecture.** Second term. Credit three hours. Prerequisite course 241. Professor PHELPS.
- 341-2. **History of Painting and Sculpture.** Throughout the year. Credit one hour a term. Professor BRAUNER.
542. **Modern Architecture.** Second term. Credit two hours. Prerequisite course 242. Professor PHELPS.
741. **Historic Ornament.** First term. Credit two hours. Prerequisite course 242. Professor PHELPS.
- 743-4. **Historical Seminary.** Throughout the year. Credit two hours a term. Professor PHELPS.
- 745-6. **History of Art.** Throughout the year. Credit two hours a term. Assistant Professor GUTSELL. Given in 1921-22, and in alternate years following.
- [747. **History of Art.** First term. Credit two hours. Assistant Professor GUTSELL.] Given in 1920-21, and alternate years following.
- [748. **History of Art.** Second term. Credit two hours. Assistant Professor GUTSELL.] Given in 1920-21, and alternate years following.

GRAPHICS

151. **Descriptive Geometry.** First term. Credit two hours. Prerequisite, Solid Geometry. Professor YOUNG and Assistant Professor BAXTER.
152. **Descriptive Geometry.** Second term. Credit three hours. Prerequisite course 151. Professor YOUNG and Assistant Professor BAXTER.
252. **Perspective.** Second term. Credit one hour. Prerequisite courses 151-152. Professor MARTIN.

APPLIED CONSTRUCTION

361. **Materials of Construction.** First term. Credit two hours. Professor MARTIN.
362. **Masonry Construction.** Second term. Credit two hours. Prerequisite course 361. Professor MARTIN.
461. **Carpentry and Roofing.** First term. Credit two hours. Professor MARTIN.
462. **Heating, Plumbing, and Lighting.** Second term. Credit two hours. Professor MARTIN.
561. **Working Drawings and Specifications.** First term. Credit four hours. Prerequisite courses 362 and 461. Professor MARTIN.
762. **Fire Resisting Construction.** Second term. Credit two hours. Professor MARTIN.

Summer Reading. In addition to the regular studies of the first and second years the students are required to read, during the summer vacation, books of their own selection from grouped lists. The book lists are prepared and an introductory lecture is given each year by one of the Professors in the Department of English in the College of Arts and Sciences.

SCHOLARSHIPS AND PRIZES

The **Sands Memorial Medal** and the **Brown Memorial Medal** are awarded annually for especially meritorious work in design; the **Fuertes Memorial Prizes in Public Speaking** are awarded to students in the Colleges of Architecture and Engineering. For these, and for the scholarships and prizes that are open to all students of the University, see pp. 186-191.

Graduates of the College of Architecture are admitted without examination to the competitions for scholarships in the American Academy in Rome, and to the Paris Prize competition of the Society of Beaux-Arts Architects; and they are excused from the usual examinations, except those relating to practical experience, required for admission to the American Institute of Architects and required for licenses in those states where a license is needed for the practice of architecture.

COLLEGE OF ENGINEERING

For detailed information concerning the work of the College of Engineering, candidates for admission to that college should consult the Announcement of the College of Engineering which will be sent gratis on application to the Secretary of the University.

FACULTY

ADMINISTRATION

LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University.
DEXTER SIMPSON KIMBALL, A.B., M.E., Dean of the College and Professor of Industrial Engineering.
MAUDE S. NEWMAN, Secretary of the College.

SCHOOL OF CIVIL ENGINEERING

FRED ASA BARNES, M.C.E., Director of the School and Professor of Railroad Engineering.
EUGENE ELWIN HASKELL, C.E., Professor of Experimental Hydraulics, Emeritus.
IRVING PORTER CHURCH, M.C.E., Professor of Applied Mechanics and Hydraulics, Emeritus.
HENRY SYLVESTER JACOBY, C.E., Professor of Bridge Engineering.
HENRY NEELY OGDEN, C.E., Professor of Sanitary Engineering, in charge of the College Library.
SIDNEY GONZALES GEORGE, C.E., Professor of Mechanics of Engineering.
JOHN THOMAS PARSON, Professor of Drawing.
ERNEST WILLIAM SCHODER, Ph.D., World War Memorial Professor of Experimental Hydraulics.
FRANCIS JOSEPH SEERY, S.B., Professor of Civil Engineering.
SAMUEL LATIMER BOOTHROYD, M.S., Professor of Astronomy.
MILES ALBION POND, Ph.B., Assistant Professor of Civil Engineering.
ERNEST WILLIAM RETTGER, Ph.D., Assistant Professor of Mechanics of Engineering.
CHARLES LEOPOLD WALKER, C.E., Assistant Professor of Sanitary Engineering and Secretary of the College Faculty.
PAUL HALLADAY UNDERWOOD, C.E., Assistant Professor of Topographic and Geodetic Engineering.
EARLE NELSON BURROWS, M.C.E., Assistant Professor of Bridge Engineering.
WALTER L. CONWELL, C.E., Assistant Professor of Railroad Engineering.
LEONARD ALEXANDER LAWRENCE, B.S., Assistant Professor of Topographic and Geodetic Engineering.
LEONARD CHURCH URQUHART, C.E., Assistant Professor of Bridge Engineering.
HERBERT HENRY SCOFIELD, M.E., Assistant Professor of Testing Materials.
JOHN L. WEBER, C.E., Assistant Professor of Hydraulics.
CARL CRANDALL, C.E., Assistant Professor of Civil Engineering.
JOHN EDWIN PERRY, B.S. in C.E., Assistant Professor of Railroad Engineering.
FRANCIS MURRAY DAWSON, B.S., M.C.E., Acting Assistant Professor of Hydraulics.
ERIC V. HOWELL, M.C.E., Instructor in Civil Engineering.
CHARLES EDWARD O'ROURKE, C.E., Instructor in Bridge Engineering.
CLAUDE M. PENDLETON, C.E., Instructor in Civil Engineering.
EDWIN FRANK CHOBOT, C.E., Instructor in Surveying.
THADDEUS LUMPKIN COLLUM, C.E., Instructor in Bridge Engineering.
HOWARD ERWIN WHITNEY, C.E., Instructor in Civil Engineering.
GERALD CROFOOT WILLIAMS, C.E., Instructor in Surveying.
CHARLES W. GULICK, Instructor in Civil Engineering.
NEAL WILLIAM KNIGHT, B.S. in C.E., Instructor in Civil Engineering.

SIBLEY SCHOOL OF MECHANICAL ENGINEERING

HERMAN DIEDERICH, M.E., Director of the School and Professor of Experimental Engineering.

- ALBERT WILLIAM SMITH, B.M.E., M.M.E., Professor of Mechanical Engineering, Emeritus.
- GEORGE ROBERT McDERMOTT, Professor of Structural Design.
- WILLIAM NICHOLS BARNARD, M.E., Professor of Power Engineering.
- EDGAR HARPER WOOD, M.M.E., Professor of Mechanics of Engineering.
- CALVIN DODGE ALBERT, M.E., Professor of Machine Design.
- ALBERT EDWARD WELLS, Sibley Professor of Mechanic Arts.
- FRANK OAKS ELLENWOOD, A.B., M.E., Professor of Power Engineering.
- WILL MILLER SAWDON, M.M.E., Professor of Experimental Engineering, assigned to Engineering Research.
- GEORGE BURR UPTON, M.M.E., Professor of Experimental Engineering.
- SEYMOUR STANTON GARRETT, C.E., World War Memorial Professor of Mechanics of Engineering.
- MILLARD CLAYTON ERNSBERGER, A.B., Professor of Power Engineering.
- VICTOR RAYMOND GAGE, M.M.E., Assistant Professor of Experimental Engineering.
- MYRON A. LEE, M.M.E., Assistant Professor of Machine Design.
- FREDERICK GEORGE SWITZER, M.M.E., Assistant Professor of Mechanics of Engineering.
- FRED STILLMAN ROGERS, M.E., Assistant Professor of Machine Design.
- CLARENCE ELLSWORTH TOWNSEND, M.E., Assistant Professor of Machine Design.
- ADAM CLARKE DAVIS, JR., M.E., Assistant Professor of Experimental Engineering.
- ROY EDWARDS CLARK, M.E., Assistant Professor of Power Engineering.
- WALTER RODNEY CORNELL, B.S., C.E., Assistant Professor of Mechanics of Engineering.
- ENOCH FRANCIS GARNER, M.E., Assistant Professor of Machine Design.
- WARREN HOWARD HOOK, M.E., Assistant Professor of Power Engineering.
- HOMER JAMES HOTCHKISS, A.M., M.M.E., Instructor in Mechanics of Engineering.
- WILLIAM EMERSON MORDOFF, M.E., Instructor in Experimental Engineering.
- CHARLES BEVERLY BENSON, C.E., Instructor in Mechanics of Engineering.
- STEPHEN FARRELL CLEARY, Instructor in Machine Design.
- LESLIE A. FENNER, M.E., Instructor in Machine Design.
- JAMES BONIFACE LAVIN, B.S., Instructor in Machine Design.
- ROLFE SHELLENBERGER, B.S., Instructor in Machine Design.
- JOHN ROBERT BANGS, JR., Instructor in Industrial Engineering.
- STANLEY MOTT-SMITH, M.E., Instructor in Experimental Engineering.
- AXEL MARTIN LARSEN, B.S.E., Instructor in Machine Design.
- HAROLD CHARLES PERKINS, M.E., Instructor in Mechanics of Engineering.
- WILLIAM COOK ANDRAE, M.E., Instructor in Experimental Engineering.
- EUGENE STANLEY AULT, M.E., Instructor in Machine Design.
- RALPH R. BUSH, M.E., Instructor in Machine Design.
- EDWARD STERLING DAUGHERTY, B.S., Instructor in Machine Design.
- PAUL BURNS EATON, M.E., Instructor in Heat-Power Engineering.
- FREDERICK CHARLES EVANS, M.E., Instructor in Machine Design.
- KNEELAND ABRAM MERENESS, M.E., Instructor in Machine Design.
- HERBERT ALBERT JULIUS WEISS, M.E., Instructor in Machine Design.
- PETER CHERDANTZEFF, M.E., Instructor in Heat-Power Engineering.
- RAYMOND TERRY STARR, Instructor in Experimental Engineering.
- WALTER WILLIAM WERRING, Instructor in Experimental Engineering.
- ARTHUR STEWART GRISWOLD, Instructor in Experimental Engineering.
- GEORGE HAIGH ACKER, Instructor in Experimental Engineering.
- CHARLES KARLETON MILLER, Instructor in Experimental Engineering.
- WILLIAM LESTER LEWIS, Instructor in Heat-Power Engineering.
- CLAUDE MYRON BIGELOW, Instructor in Heat-Power Engineering.
- ERNEST LATHROP THEARLE, Instructor in Mechanics of Engineering.
- KARL DAWSON WOOD, Instructor in Mechanics of Engineering.
- WILLIAM BRES GREGORY, Instructor in Experimental Engineering.

JOHN HARDING COLLINS, B.E., Instructor in Machine Drawing.
 DEMETRIUS WILBUR GRISWOLD, Instructor in Machine Drawing.
 RUSSEL CLOUGH KINSMAN, B.S.E.E., Instructor in Machine Design.
 BERNHARD EDWARD FERNOW, jr., A.B., M.E., Instructor in Experimental Engineering.
 SIDNEY WOOD MOSHER, M.C.E., Instructor in Machine Drawing.
 ALBERT RAYMOND NOLIN, M.E., Instructor in Machine Drawing.
 ELLIOTT BOUGHTON SMITH, Instructor in Machine Design.
 NAIRNE FORSYTH WARD, M.E., Instructor in Machine Design.

Assistants

DANA BUSH GREEN, Foreman in the Machine Shop.
 JAMES EUGENE VANDERHOEF, Foreman in the Foundry.
 WALTER LISTON HEAD, Foreman in the Blacksmith Shop.
 LEROY HOOPER, Foreman in the Pattern Shop.
 HOWARD STANLEY BUSH, Assistant in the Pattern Shop.
 STEWART ARTHUR WILCOX, Assistant in the Pattern Shop.
 ERNEST STANLEY YAWGER, Assistant in the Pattern Shop.
 CHARLES E. PATTERSON, Assistant in the Foundry.
 ——— ———, Assistant in the Machine Shop.
 ——— ———, Assistant in the Machine Shop.
 ——— ———, Assistant in the Blacksmith Shop.
 HARRY RUFUS HERRICK, Assistant in Forge.
 BURDETTE NEWTON HOWE, Assistant in Machine Work.
 GEORGE M. SANDERSON, Assistant in Foundry.
 RUDELPH SCHALLOWITZ, Assistant in Machine Work.

SCHOOL OF ELECTRICAL ENGINEERING

*ALEXANDER M. GRAY, M.S. in E.E., Director of the School and Professor of Electrical Engineering.
 VLADIMIR KAPAPETOFF, M.M.E., Professor of Electrical Engineering.
 JOHN GEORGE PERTSCH, jr., M.E., Assistant Professor of Electrical Engineering.
 WILLIAM CYRUS BALLARD, M.E., Assistant Professor of Electrical Engineering.
 ROBERT FRANKLIN CHAMBERLAIN, M.E., Assistant Professor of Electrical Engineering.
 GEORGE FRANCIS BASON, B.E., M.E., Instructor in Electrical Engineering.
 BURDETTE KIBBE NORTHROP, M.E., Instructor in Electrical Engineering.
 ALBRECHT NAETER, B.S. in E.E., Instructor in Electrical Engineering.
 CLARENCE HERSCHEL DAGNALL, S.B., Instructor in Electrical Engineering.
 ROY EDWARD HEFFNER, A.B., B.S., Instructor in Electrical Engineering.
 FRED SCHMIDT HOEFER, B.S., Instructor in Electrical Engineering.
 WILLIAM LITTELL EVERITT, Instructor in Electrical Engineering.
 THEODORE SUMNER FARLEY, Instructor in Electrical Engineering.
 LELAND HALSEY HILL, Instructor in Electrical Engineering.
 HUBERT HAWLEY RACE, Instructor in Electrical Engineering.
 JOSEPH GALLUCHAT TARBOUX, B.S., M.E., E.E., Instructor in Electrical Engineering.
 CYRIL J. WERTZ, B.S. in E.E., Instructor in Electrical Engineering.
 WESLEY BENNETT BROWN, M.E., Instructor in Electrical Engineering.
 FRANK BUTLER DOYLE, B.S., Instructor in Electrical Engineering.
 ROBERT CHARLES GORHAM, B.A., Instructor in Electrical Engineering.
 FREDERICK D. JACKSON, B.S. in E.E., Instructor in Electrical Engineering.
 ANDREW SIMPSON, A.B., Instructor in Electrical Engineering.
 JOHN HALL SKEEN, B.S. in E.E., Instructor in Electrical Engineering.

THE DEGREES OF CIVIL ENGINEER, MECHANICAL ENGINEER, AND ELECTRICAL ENGINEER

For admission to the College of Engineering see p. 46; for tuition in the College of Engineering see p. 53.

*Deceased.

The undergraduate instruction for students in the College of Engineering leads to the degree of Civil Engineer, Mechanical Engineer, or Electrical Engineer.

1. The Regular Four-Year Course

For the Courses of Instruction covering the work of the first year, common to all engineering students, see pp. 170-171. The work of the last three years is outlined on pp. 171-174 for civil engineers, pp. 174-178 for mechanical engineers, and on pp. 178-180 for electrical engineers.

For the requirements in Military Science and Tactics, and in Physical Culture and in Hygiene, see p. 196.

2. A Six-Year Course Leading to the Degrees of A.B. and of C.E., M.E., or E.E.

A student in the College of Arts and Sciences who has satisfied at least six terms of residence, may, with the permission of the Faculties concerned, be registered both in the College of Arts and Sciences and also in any other college of Cornell University. This provision enables a student to obtain the degree of A.B. from the College of Arts and Sciences at the end of four years and the degree of C.E., M.E., or E.E. from the College of Engineering at the end of six years. Advice and assistance in arranging such a course may be had by applying to the Directors of the Schools of Engineering and to the Dean of the College of Arts and Sciences.

In order to make it possible to secure the degree of C.E., M.E., or E.E., at the end of the sixth year, the student must complete the freshman engineering subjects (p. 170) before the beginning of his fourth year, and must complete the list of sophomore subjects before the beginning of his fifth year.

SCHOLARSHIPS AND PRIZES

The **Fuertes Medals**, the **Charles Lee Crandall Prizes**, and the income from the **William C. Seidell Book Fund**, are awarded only to students in the School of Civil Engineering.

The **Sibley Prize in Mechanic Arts**, the **Frank William Padgham Scholarship**, the **Fred Lewis Wilson Scholarship**, the **John Leisenring Wentz Scholarship**, the **William Delmore Thompson Scholarship**, and the **Wurts Loan Fund**, are awarded only to students in the Sibley School of Mechanical Engineering.

The **Fuertes Memorial Prizes in Public Speaking** are awarded only to students in the College of Engineering and in the College of Architecture. For these and for the prizes and scholarships open to all students of the University, see pp. 186-191.

COURSES OF STUDY IN THE COLLEGE OF ENGINEERING

Curriculum, Freshman Year

All engineering students, except those entering with advanced standing, are required to take the following courses for the first year:

	No. Course	Hours 1st Term	Hours 2d Term
Analytical Geometry and Calculus	4, 5	3	5
Physics	2, 7	5	3
Chemistry	1	4	4
Drawing	121, 122	2	2
Elementary Surveying	110	0 or 3	3 or 0
Forge Shop	101	1 or 0	0 or 1
Wood Working	102	2 or 0	0 or 2
Introductory Lectures	130	1	0
Military Drill	1	1	1
Total number of hours		19	18

Courses of Instruction, Freshman Year

The following subjects are common to engineering freshmen in the four-year course leading to the degree of Civil Engineer, Mechanical Engineer, or Electrical Engineer:

Mathematics 4, 5, 6; Physics 2, 7; Chemistry 120, 125; Drawing 121, 122; Surveying 110; Shopwork 101, 102; Introductory Lectures on Engineering, 130.

SCHOOL OF CIVIL ENGINEERING

COURSES LEADING TO THE DEGREE OF CIVIL ENGINEER

1. The Regular Four-Year Course Freshman Year

The curriculum of the freshman year for students in the School of Civil Engineering is identical with that for students in the Sibley School of Mechanical Engineering and in the School of Electrical Engineering. For a statement specifying the entrance requirements and the courses included in the freshman year, common to all students in the College of Engineering of Cornell University, see pp. 169-171.

	No. Course	Hours 1st Term	Hours 2d Term
Sophomore Year			
Practical Geology.....	31	0 or 5	5 or 0
Materials of Construction.....	225	3 or 0	0 or 3
Materials Laboratory.....	222	2 or 0	0 or 2
Mathematics.....	6	3	0
Mechanics of Engineering.....	220	5	0
Mechanics of Engineering.....	221	0	5
Surveying.....	211	2	0
Surveying.....	212	0	3
Descriptive Geometry.....	201	2	0
Descriptive Geometry.....	202	0	2
Drawing.....	203	1	0
Drawing.....	204	0	2
		18	17
Total number of hours.....			17
Summer Survey 213 (Five weeks in June and July)			6

In addition to these courses, sophomores are required to take Military Drill and Hygiene.

Junior Year

Elementary Economics.....	51	0 or 5	5 or 0
Railroad Surveying and Drawing.....	260	4	1
Engineering Construction.....	264	0	3
Structural Design and Bridge Stresses.....	270	4	0
Structural Design.....	271	0	3
Hydraulics.....	240	3	0
Engineering Problems.....	229	0	2
Survey Computations.....	214	1	0
Municipal Sanitation.....	252	0	0 or 3
Concrete Construction.....	280	0	3 or 0
*Electives.....		6 or 0	0 or 6

Total number of hours..... 18 or 17 17 or 18

In the planning of his work, each student in the School of Civil Engineering is subject to the following limitation: "No student shall anticipate the work of the curriculum of the School of Civil Engineering by more than one year."

Senior Year

Heat Engines and Auxiliaries.....	P 11	0 or 3	3 or 0
**Essentials of Electrical Engineering.....	E 12	4	0
Municipal Sanitation, or.....	252	3 or 3	0

*(a) Of the elective hours in the junior and senior years at least nine must be taken in Civil Engineering. (b) The elective courses taken outside the School of Civil Engineering must be selected from those not open to freshmen, unless approved by the class adviser.

**Any qualified student in Civil Engineering desiring to take a more extended course than E 12 may substitute E 14 and E 15.

Concrete Construction	280		
Specifications and Contracts	290	2	0
Water Supply	230	3 or 0	0 or 3
Public Speaking	1a	0	3
Engineering Design	291	0 or 3	3 or 0
*Electives		3	9
Total number of hours		15 or 18	18 or 15

2. The Six-Year Course Leading to the Degrees of A.B. and C.E. (See p. 170.)

COURSES OF INSTRUCTION IN THE SCHOOL OF CIVIL ENGINEERING

For Sophomores, Juniors, and Seniors

(For a description of the freshman courses in Mathematics, Physics, and Chemistry and a description of the Engineering Courses given to freshmen, see pp. 170-171.)

The following required courses are given outside the School of Civil Engineering: Geology 31; Economics 51; Public Speaking 1a; Heat-Power Engineering 11, Electrical Engineering 12; Descriptive Geometry 201, 202; Drawing 203, 204.

TOPOGRAPHIC AND GEODETIC ENGINEERING

110. **Elementary Surveying.** Freshmen. Either term. Credit three hours.
 211. **Advanced Surveying.** Sophomores. First term. Credit two hours. Prerequisite course 110. Assistant Professors UNDERWOOD and LAWRENCE, and Mr. PENDLETON.
 211A. **Advanced Surveying.** For students in Forestry and Landscape Art. Second term. Credit two hours. Prerequisite course 110. Assistant Professors UNDERWOOD and LAWRENCE.
 212. **Advanced Surveying.** Sophomores. Second term. Credit three hours. Assistant Professors UNDERWOOD and LAWRENCE, and Mr. PENDLETON.
 213. **Summer Survey; Topographic, Hydrographic, and Geodetic Survey; Camp.** Sophomores. Five weeks in June and July. Credit six hours. Prerequisite course 212. Open also to students in Forestry and Landscape Art who have had Course 211, for whom the work is modified to meet their special needs. Assistant Professors UNDERWOOD and LAWRENCE, and others.
 214. **Survey Computations.** Juniors. Prerequisite course 213. First term. Credit one hour. Assistant Professors UNDERWOOD and LAWRENCE.
 214. **Mapping.** Elective. Upperclassmen. Required of students in Forestry. Second term. Credit two hours. Assistant Professor UNDERWOOD.
 214. **Problems in the Adjustment of Observations.** Elective. Upperclassmen. Prerequisite course 213. Second term. Credit one hour. Assistant Professor UNDERWOOD.
 215. **Least Squares; Adjustment of Observations.** Elective. Prerequisite, Calculus and Physics. First term. Credit two hours. Professor BOOTHROYD.
 216. **Advanced Topographic Surveying.** Elective. Upperclassmen. Prerequisite course 213. First term. Credit two hours. Professor BOOTHROYD.
 217. **Geodesy and Geodetic Laboratory.** Elective. Upperclassmen. Prerequisite course 212. First term. Credit three hours. Professor BOOTHROYD.
 218. **Geodetic Astronomy.** Elective. Upperclassmen. Prerequisite course 212. Second term. Credit three hours. Professor BOOTHROYD.

MECHANICS OF ENGINEERING

220. **Mechanics of Engineering.** For sophomores in Civil Engineering. First term. Credit five hours. Repeated in one section, second term. Prerequisite, Mathematics 5. Professor GEORGE, Assistant Professor RETTGER, and Mr. HOWELL.
 221. **Mechanics of Engineering.** Second term. Credit five hours. Continuation of Mechanics 220. Prerequisite, Mechanics 220. Professor GEORGE, Assistant Professors RETTGER and WEBER, and Mr. HOWELL.
 226. **Advanced Mechanics.** Seniors and graduates. Either term. Credit three hours. Prerequisite courses 220 and 221. Professor GEORGE and Assistant Professor RETTGER.
 229. **Engineering Problems.** Juniors. Second term. Credit two hours. Prerequisite courses 220, 221 and 210. Professor GEORGE and Assistant Professor RETTGER.
 224. **Technical Writing.** Credit three hours. Professor OGDEN.

MATERIALS OF CONSTRUCTION

222. **Materials Laboratory.** Sophomores. Either term. Credit two hours. Should preferably be preceded by or taken with Course 221, and must be preceded by or taken with Course 225. Assistant Professor SCOTFIELD and Mr. _____.

*(a) Of the elective hours in the junior and senior years at least nine must be taken in Civil Engineering.

(b) The elective courses taken outside the School of Civil Engineering must be selected from those not open to freshmen, unless approved by the class adviser.

225. **Materials of Construction.** Sophomores. Either term. Credit three hours. Should preferably be preceded by, or taken with Course 221, and must precede or be taken with Course 222. Assistant Professor SCOFIELD.

227. **Testing Materials.** Elective. Seniors and graduates. Second term. Credit three hours. Prerequisite courses 222 and 225, or their equivalents. Assistant Professor SCOFIELD.

HYDRAULIC ENGINEERING

230. **Water Supply.** Seniors. Either term. Credit three hours. Prerequisite course 240. Professor SEERY.

231. **Hydraulic Construction.** Seniors and graduates. First term. Credit three hours. Repeated second term. Should be taken after, or concurrently with Water Supply 230. Course 231 may be substituted for Engineering Design, Course 291. Professor SEERY.

232. **Water-Power Engineering.** Seniors and graduates. First term. Credit three hours. Prerequisite course 240; must be taken after or concurrently with Course 230. Course 232 may be substituted for Engineering Design, Course 291. Professor SEERY.

233. **Pumps and Pumping.** Seniors and graduates. Second term. Credit three hours. Prerequisite course 240; should be preceded by, or taken concurrently with Course 230. Professor SEERY.

234. **Hydraulic Engineering.** Seniors and graduates. Elective. Second term. Credit three hours. Professor SEERY.

235. **General Hydrology.** Elective for graduate students. Second term. Credit three hours. Professor SEERY.

THEORETICAL AND EXPERIMENTAL HYDRAULICS

240. **Hydraulics.** Juniors. First term. Credit three hours. Prerequisite courses 220 and 221. Professor SCHODER and Assistant Professor WEBER.

241. **Advanced Hydraulics.** Elective for juniors and seniors. Second term. Credit three hours. Prerequisite course 240. Professor SCHODER and Assistant Professor WEBER.

242. **Hydraulic Measurements.** Elective for seniors and graduates. First term. Credit three hours. Prerequisite courses 240 and 241. Professor SCHODER.

243. **Experimental Hydraulic Motors and Pumps.** Elective for seniors and graduates. Second term. Credit three hours. Prerequisite course 241. Professor SCHODER and Assistant Professor WEBER.

244. **Experimental Hydraulic Investigation.** Elective for seniors and graduates. Either term. Credit three hours (or more in special cases). Prerequisite courses 240 and 241, or equivalent. Professor SCHODER.

MUNICIPAL AND SANITARY ENGINEERING

250. **Sanitary Biology.** Juniors and seniors. Second term. Credit three hours. Assistant Professor WALKER.

251. **Sanitary Biology.** Juniors and seniors. First term. Credit one hour. Assistant Professor WALKER.

252. **Municipal Sanitation.** Upperclassmen. Either term. Credit three hours. Prerequisite course 240. Professor OGDEN.

253. **Purification and Control of Water Supplies.** Seniors and graduates. Second term. Credit three hours. Prerequisite course 240. Professor OGDEN.

254. **Sewerage Works.** Seniors and graduates. First term. Credit three hours. Prerequisite course 252. Professor OGDEN.

255. **Sanitary Laboratory.** Seniors. Second term. Credit three hours. Prerequisite courses 250, 252, and Chemistry 6. Professor OGDEN.

256. **Municipal Engineering.** Elective. Seniors and graduates. Credit three hours. Professor OGDEN.

257. **Purification of Water.** Elective. Graduates. Credit three hours. Professor OGDEN.

258. **Conference on Present Methods of Sewage Disposal.** Elective. Graduates. Credit three hours. Professor OGDEN.

259. **A Laboratory Course for Graduates.** Professor OGDEN and Assistant Professor WALKER.

RAILROAD AND HIGHWAY ENGINEERING

260. **Railroad Surveying and Drawing.** Juniors. Throughout the year. Credit four hours first term and one hour second term. Prerequisite course 213. Professor BARNES, Assistant Professor CONWELL, and Messrs. PERRY and CRANDALL.

261. **Railroad Maintenance of Way.** Elective. Seniors and graduates. First term. Credit three hours. Prerequisite course 260. Professor BARNES and Mr. PERRY.

262. **Railroad Operation and Management.** Elective. Seniors and graduates. Second term. Credit three hours. Prerequisite course 260. Professor BARNES.

263. **Railroad Location.** Elective. Juniors and seniors. Second term. Credit three hours. Professor BARNES.

264. **Engineering Construction.** Juniors. Second term. Credit three hours. Prerequisite courses 240 and first term of 271. Professor BARNES, Assistant Professor CONWELL, and Messrs. PERRY and CRANDALL.

265. **Highway Engineering.** Elective. Juniors, seniors, and graduates. Either term. Credit three hours. Prerequisite, first term of Course 260. Assistant Professor CONWELL and Mr. PERRY.

266. **Highway Laboratory.** Elective. Juniors, seniors, and graduates. Either term. Credit three hours. Prerequisite course 265, or may be taken concurrently with Course 265. Assistant Professor CONWELL and Mr. PERRY.

267. **Advanced Highway Engineering.** Elective. Seniors and graduates. Either term. Credit three hours. Prerequisite course 265. Assistant Professor CONWELL.
 268. **Advanced Highway Laboratory.** Elective. Seniors and graduates. Either term. Credit three hours. Prerequisite courses 265 and 266. Assistant Professor CONWELL.

BRIDGE ENGINEERING

270. **Structural Design and Bridge Stresses.** Juniors. First term. Credit four hours. Prerequisite courses 220 and 221. Assistant Professor BURROWS and Mr. O'ROURKE.
 271. **Structural Design.** Juniors. Second term. Credit three hours. Prerequisite course 270. Assistant Professor BURROWS and Mr. O'ROURKE.
 272. **Higher Structures.** Elective. Seniors and graduates. Either term. Credit three hours. Prerequisite courses 220, 221, and 270. Professor JACOBY.
 273. **Steel Buildings.** Elective. Seniors and graduates. First term. Credit three hours. Prerequisite courses 220, 221, and 271. Assistant Professor BURROWS.
 274. **Bridge Design.** Elective. Seniors and graduates. Second term. Credit three hours. Prerequisite course 271. Assistant Professor BURROWS.
 280. **Concrete Construction.** Either term. Credit three hours. Prerequisite courses 220 and 221. Assistant Professor URQUHART, Mr. O'ROURKE, and Mr. COLLUM.
 281. **Masonry and Foundations.** Seniors and graduates. Either term. Credit three hours. Prerequisite courses 220 and 221. Professor JACOBY.
 282. **Concrete Design.** Elective. Seniors and graduates. Second term. Credit three hours. Prerequisite course 280. Assistant Professor URQUHART and Mr. O'ROURKE.
 283. **Reinforced Concrete Arch.** Seniors and graduates. Elective. First term. Credit three hours. This course may be substituted for Engineering Design, Course 291f. Prerequisite course 280. Assistant Professor URQUHART.
 284. **Concrete Highway Bridge Design.** Elective. Seniors and graduates. Second term. Credit three hours. Prerequisite course 280. This course may be substituted for Engineering Design, Course 291. Assistant Professor URQUHART.

SPECIFICATIONS, DESIGNS, ETC.

290. **Specifications and Contracts.** Seniors. Either term. Credit two hours. Professor BARNES, and Messrs. CRANDALL and PERRY.
 291. **Engineering Design.** Seniors. Credit three hours.
 (c) **Hydraulic Engineering.** Second term. Prerequisite courses 240 and 229. For best results Hydraulic Design should be preceded by Course 230, but the two may be taken concurrently. Course 231 or 232 may be substituted for Engineering Design. Professor SCHODEK.
 (d) **Sanitary Engineering.** First term. This course must be preceded by or taken at the same time as Course 254, and may not be elected otherwise. Professor OGDEN.
 (e) **Railroad and Highway Engineering.** Second term. Professor BARNES, Assistant Professor CONWELL, and Messrs. PERRY and CRANDALL.
 (f) **Bridge Engineering.** Second term. Course 271 is required as general preparation for engineering design in bridges and buildings. Course 272 is required in preparation for designs relating to draw, cantilever, suspension, and metallic arch bridges. Course 280 is similarly required for designs of bridges and buildings in reinforced concrete. Courses 273, 274, 282, 283, and 284 may be substituted for Engineering Design. Professor JACOBY and Assistant Professors BURROWS and URQUHART.
 292. **Thesis.** Elective. Seniors. Credit three hours.
 293. **Cost Keeping and Management.** Elective. Seniors and graduates only. First term. Credit two hours. Professor BARNES.

SPECIAL AND GRADUATE COURSES

All the elective courses are suitable for graduate and advanced students, and may be taken by them in the regular classes. Other special courses will be arranged to suit the requirements of graduate students.

SIBLEY SCHOOL OF MECHANICAL ENGINEERING

COURSES LEADING TO THE DEGREE OF MECHANICAL ENGINEER

1. The Regular Four-Year Course

Freshman Year

The work of the freshman year is common to all engineering students. For the entrance requirements, see p. 46; for an outline of the curriculum, see p. 170; for an outline of the course of instruction, see pp. 170-171.

Sophomore Year

	No. Course	Hours 1st Term	Hours 2d Term
Mathematics.....	6	3	0
Mechanics.....	330, 331	3	4
Physics (Recitation).....	11	0	3
Physics (Laboratory).....	14	2	2
Descriptive Geometry and Empirical Design..	311	4	0
Kinematics.....	312	0	2
Kinematic Drawing.....	313	0	2

Engineering Chemistry	775	2 or 0	0 or 2
Foundry	300	2 or 0	0 or 2
Materials	360	0 or 3	3 or 0
English	2	2	2

Total number of hours 18 or 17 18 or 19

In addition to these courses, sophomores are required to take Military Drill and Hygiene.

Junior Year

Heat-Power Engineering	P 10	3	3
Electrical Engineering	E 14	2	2
Electrical Engineering	E 15	2	2
Mechanical Laboratory	X 11, 10	3	3
Machine Design—(a) Drawing	D 10	2	2
(b) Lectures and Recitations	D 16	3	3
Machine Work	S 10	2	2
Industrial Organization	I 12	2	0
Hydraulics	M 12	0	2

Total number of hours 19 19

Students intending to pursue the Senior Option in Industrial Engineering are required to complete also before the senior year Course I 24, two hours each term, or its equivalent.

SENIOR YEAR

In the senior year the regular student must complete one of the options (A to C inclusive) outlined on the following pages. All these options include courses in Power Plant Design, Mechanical Laboratory, Electrical Engineering, and Economics; and under each option are lecture and drafting courses devoted to the special work of the option. In addition, provision is made in most of the options for limited election of courses given in any college of the University.

Option A: Power-Plant Engineering

	No. Course	Hours 1st Term	Hours 2d Term
Heat-Power Engineering	P 20	4	4
Mechanical Laboratory	X 20, 21	3	3
Electrical Engineering	E 36	2 or 0	0 or 2
Electrical Engineering	E 37	0 or 2	2 or 0
Industrial Economics	I 24	2	2
Power Plant	P 23	3	3
Drawing and Design	P 24	2	2
Elective (including P 25 or P 29)*		4	4

Total number of hours 20 20

Option B: Ship Design and Construction

Heat-Power Engineering	P 20	4	4
Mechanical Laboratory	X 20, 21	3	3
Electrical Engineering	E 36	2 or 0	0 or 2
Electrical Engineering	E 37	0 or 2	2 or 0
Industrial Economics	I 24	2	2
Ship Design, Lectures	D 25	3	2
Ship Design, Draw. and Comp.	D 26	3	2
Resistance and Propulsion	D 27	3	0
Marine Engines and Boilers	D 28	0	3
*Elective		0	2

Total number of hours 20 20

*Not more than four hours credit in Advanced Military Science (in addition to the three hours of drill regularly required of first and second year men) will be accepted toward meeting the requirements for the M. E. degree.

Option C: Industrial Engineering

Heat-Power Engineering.....	P 20	4	4
Mechanical Laboratory.....	X 20, 21	3	3
Electrical Engineering.....	E 36	2 or 0	0 or 2
Electrical Engineering.....	E 37	0 or 2	2 or 0
Industrial Administration.....	I 20	2	2
Drawing and Design.....	I 22	3	3
Safety Engineering and Fire Protection.....	I 23	0	2
Accounting.....	58a	3	0
*Electives.....		0	3
Total number of hours.....		17	19

2. A Six-Year Course Leading to the Degrees of A.B. and M.E.

(See p. 170.)

ELECTIVES

Students having the necessary preparation and having the approval of their class advisers may take any subject in any department of the University. For detailed information regarding these elective subjects, see the announcements of the departments in which they are given.

Technical Electives Given in the Sibley School of Mechanical Engineering for Seniors Only

Thesis, X 32; Steam Boiler Design, P 30; Steam Turbines, P 25; Power Plants, P 23; Gas-Power Machinery, P 29; Pumping and Pneumatic Machinery, P 31; Refrigeration, P 32; Motor Car Construction, X 33; Heating and Ventilating, X 34; Engineering Research, X 30; Advanced Designing, D 40; Industrial Administration, I 20; Hydraulic Power Plants, M 21; Costs, Wages, and Management, I 21; Industrial Relations, I 25; Advanced Industrial Engineering, I 40; Advanced Heat-Power Engineering, P 40; Sibley Journal Credit, X 40.

COURSES OF INSTRUCTION IN THE SIBLEY SCHOOL OF MECHANICAL ENGINEERING**For Sophomores, Juniors, and Seniors**

(For a description of the freshman courses in Mathematics, Physics, and Chemistry and a description of the Engineering Courses given to freshmen, see p. 170.)

The following required courses are given outside the School of Mechanical Engineering: Mathematics 4, 5, 6; Physics 2, 7, 11, 14; Chemistry 775; English 2; Electrical Engineering 14, 15, 36, 37.

MACHINE CONSTRUCTION

(For courses in Wood Working and Forging, see Courses 101 and 102 under courses offered to freshmen, p. 170.)

300. Foundry Work. Either term. Credit two hours. Mr. VANDERHOEF and assistant.
S 10. Machine Work. Juniors. Throughout the year. Credit two hours a term. Prerequisite courses, 101, 102 and 300. Professor WELLS, Mr. GREEN, and assistants.

MACHINE DESIGN**A. Courses in Machine Design**

(For the course in Elementary Drawing and Lettering, see Courses 121 and 122 under courses offered to freshman, p. 170.)

310. Drawing. For students registered for the degree of Bachelor of Chemistry. First term. Credit three hours. Assistant Professor TOWNSEND and instructors.

311. Descriptive Geometry and Empirical Design. Required of sophomores in Mechanical or Electrical Engineering. First term. Credit four hours. Prerequisite courses 121 and 122. Professor ALBERT, Assistant Professor ROGERS, and instructors.

*Not more than four hours credit in Advanced Military Science (in addition to the four hours of Drill regularly required of first and second-year men) will be accepted toward meeting the requirements for the M. E. degree.

312. Kinematics. Sophomores. Second term. Credit two hours. Prerequisite courses 121 and 122; must be taken with Course 313. Professor ALBERT, Assistant Professor ROGERS, and instructors.

313. Kinematic Drawing. Sophomores. Second term. Credit three hours. Prerequisite courses 121 and 122; must be taken with Course 312. Professor ALBERT, Assistant Professor ROGERS and instructors.

D 10. Drawing and Design. Juniors. Throughout the year. Credit two hours each term. Prerequisite courses 121, 122, 311, 312, and 313 and must be taken with course D 16. Professor ALBERT, Assistant Professor GARNER, and instructors.

D 16. Machine Design. Juniors. Throughout the year. Credit three hours a term. Prerequisite courses, D 5, 6, and 7; M 5, and 6; must be taken with D 10. Professor ALBERT, Assistant Professor GARNER, and instructors.

B. Courses in Naval Architecture and Marine Engineering

D 25. Ship Design and Construction. Required of seniors in Option B. Credit three hours first term, two hours second term. Professor McDERMOTT.

D 26. Ship Design and Construction. Required of seniors in Option B. Credit three hours first term, two hours second term. Professor McDERMOTT.

D 27. Resistance and Propulsion. Required of seniors in Option B. First term. Credit three hours. Professor McDERMOTT.

D 28. Marine Engines and Boilers. Required of seniors in Option B. Second term. Credit three hours. Professor McDERMOTT.

D 40. Advanced Designing. For graduates who have had the equivalent of D 25, D 26, and D 27. Professors KIMBALL, McDERMOTT, and ALBERT.

MECHANICS OF ENGINEERING

330. Theoretical Mechanics. Sophomores. First term. Credit three hours. Prerequisite courses, Mathematics 4 and 5. Professor WOOD, Assistant Professors SWITZER and CORNELL and instructors.

331. Strength of Materials. Sophomores. Second term. Credit four hours. Prerequisite courses 330, and Mathematics 6. Professor WOOD, Assistant Professor CORNELL, and instructors.

332. Applied Mechanics. (Not given in 1921-22.) Juniors. First term. Credit three hours. Prerequisite courses 330 and 331.

M 12. Hydraulics. Juniors. Second term. Credit two hours. Prerequisite courses, 330, 331, and 332. Assistant Professor SWITZER and assistant.

M 21. Hydraulic Power Plants. Elective. First term. Credit two hours. Prerequisite course, M 12. Assistant Professor SWITZER.

HEAT-POWER ENGINEERING

P 10. Elementary Heat-Power Engineering. Required of all juniors in Mechanical or Electrical Engineering. Throughout the year. Credit three hours a term. Prerequisite courses, Physics 11 and 14; 311, 312, 313, 330 and 331. Professor ELLENWOOD, Assistant Professor CLARK, and instructors.

P 11. Heat Engines and Auxiliaries. Required of seniors in Civil Engineering. Either term. Credit three hours. Not open to students in Mechanical or Electrical Engineering. Prerequisite courses, Physics 2 and 7 (or the equivalent), Chemistry 120 and 125, C.E. 220 and 221. Professor ELLENWOOD.

P 12. Small Power Plants. Elective. Three recitations a week, one term. Prerequisite course, P 11 or its equivalent. Professor ELLENWOOD.

P 20. Heat-Power Engineering. Required of all seniors in Mechanical Engineering. Throughout the year. Credit four hours a term. Prerequisite course, P 10. Assistant Professor HOOK and instructors.

P 21. Heat-Power Engineering. Required of seniors in Electrical Engineering. First term. Credit three hours. Assistant Professor HOOK.

P 23. Power Plants. Required of seniors in Option A. Credit three hours a term. Prerequisite courses, D 10, D 16, and P 10; must be accompanied by Courses P 20 and P 24. Professor BARNARD.

P 24. Designing and Drawing. Required of seniors in Option A, and not open to others. Throughout the year. Credit two hours a term. Prerequisite courses, D 10, D 16, and P 10; must be accompanied by P 23. Professor BARNARD.

P 25. Steam Turbines. Senior elective. Second term. Credit two hours. Prerequisite course, P 10. Professor BARNARD.

P 29. Gas-Power Machinery. Seniors. First term. Credit two hours. Prerequisite courses, D 10, D 16, and P 10.

P 30. Steam Boiler Design. Seniors. First term. Credit two hours. Prerequisite courses, D 10, D 16, and P 10. Professor BARNARD.

P 31. Pumping and Pneumatic Machinery. Elective. Second term. Credit two hours. Prerequisite courses, D 10, D 16, and P 10.

P 32. Refrigeration. Elective. Second term. Credit two hours. Prerequisite courses, D 10, D 16, and P 10.

P 40. Advanced Heat-Power Engineering. Elective for those who have completed the equivalent of the design subjects in Senior Option A. Professors BARNARD and ELLENWOOD.

EXPERIMENTAL ENGINEERING

A. Mechanical Laboratory

360. Manufacture of Engineering Materials. Required of sophomores. First or second term. Credit three hours. Prerequisite courses, Chemistry 120 and 125. Professor DIEDERICH.

X 10. **Mechanical Laboratory—Properties of Engineering Materials.** Juniors. Second term. Credit three hours. Prerequisite courses 360, 330, and 331. Assistant Professor DAVIS and instructors.

X 11. **Mechanical Laboratory—Introductory Experimental Engineering.** Juniors. First term. Credit three hours. Prerequisite courses, M 5 and 6, Chemistry 6, Physics 3. Assistant Professor DAVIS and instructors.

X 12. **Mechanical Laboratory.** For students in Chemistry. Second term only. Credit four hours. Prerequisite courses 330, and Physics 10 and 14. Assistant Professor GAGE and instructors.

X 20. **Mechanical Laboratory—Experimental Engineering.** For seniors in Mechanical Engineering. First term. Credit three hours. Prerequisite courses, X 11 and P 10. Assistant Professor GAGE and instructors.

X 21. **Mechanical Laboratory—General Experimental Engineering.** For seniors in Mechanical Engineering. Second term. Credit three hours. Assistant Professor GAGE and instructors.

X 22. **Mechanical Laboratory.** Required of seniors in Electrical Engineering. First term. Credit two hours. Prerequisites, X 11 and P 10. Assistant Professor GAGE and instructors.

B. Engineering Research

X 30. **Engineering Research.** Elective. Either or both terms. Credit one hour for forty hours of actual work. Professors DIEDERICH, SAWDON, and UPTON, Assistant Professors GAGE and DAVIS, and Mr. MORDOFF.

X 32. **Thesis.** Senior elective. Either or both terms. Maximum total credit eight hours. Professors DIEDERICH, SAWDON, and UPTON, and Assistant Professors GAGE and DAVIS.

X 33. **Motor Car Construction.** (Not given in 1921-22.) Elective. Second term. Credit two hours. Prerequisite, P 10, D 10, D 16. Professor UPTON.

X 34. **Heating and Ventilating.** Elective. First term. Credit two hours. Prerequisite, P 10, D 10, and D 16. Professor SAWDON.

X 40. **Sibley Journal Credit.** Undergraduate members of the Sibley Journal Board may receive not to exceed two hours of University credit in each term of their senior year (i. e. a maximum credit of four hours) for work satisfactorily done for *The Sibley Journal*, provided they are elected to the Board during or before their sophomore year, and continue as active members to the end of the term in which credit is desired.

INDUSTRIAL ENGINEERING

I 12. **Industrial Organization.** Required of all juniors in Mechanical Engineering and not open to freshmen or sophomores. First term. Credit two hours. Professor KIMBALL.

I 20. **Industrial Administration.** Required of all seniors in Option C. Elective for seniors pursuing other options. Credit two hours a term. Prerequisite course I 12. Professor KIMBALL and Assistant Professor LEE.

I 21. **Costs, Wages, and Management.** Elective for juniors and seniors in Mechanical Engineering, except those who are electing, or who expect to elect the senior industrial group. Open also to upperclassmen in other colleges. First term. Credit two hours. Professor WELLS.

I 22. **Drawing and Design.** Required of all seniors in Option D. One recitation and six hours in the drawing room a week throughout the year. Credit three hours a term. Prerequisite courses, D 10 and D 16; must be accompanied by I 20. Assistant Professor LEE.

I 23. **Safety Engineering and Fire Protection.** Required of, and open only to seniors in Option C. Credit two hours. Prerequisite course I 12. Professor WELLS.

I 24. **Industrial Economics.** Throughout the year. Credit two hours a term. Required of candidates for the M.E. or E.E. degree. Professor GARRETT.

I 25. **Industrial Relations.** Elective. Credit two hours. Prerequisite course I 12. Assistant Professor LEE.

I 40. **Advanced Industrial Engineering.** Open to graduates and seniors who have completed the equivalent of I 20 and I 22. Professors KIMBALL, WELLS, and ALBERT, and Assistant Professor LEE.

SCHOOL OF ELECTRICAL ENGINEERING

COURSES LEADING TO THE DEGREE OF ELECTRICAL ENGINEER

1. The Regular Four-Year Course

The first two years of this course are the same as the first two years of the course for the degree of Mechanical Engineer. Specialization in Electrical Engineering begins in the third year. In the fourth year each student has a certain amount of latitude in selecting the particular branch of Electrical Engineering in which he may be most interested.

Freshman Year

For the curriculum of the freshman year, see p. 170.

Sophomore Year

For the curriculum of the sophomore year, see p. 174, for a description of the courses, see p. 176.

Junior Year

	No. Course	Hours 1st Term	Hours 2d Term
Electrical Engineering.....	E 14	2	2
Electrical Engineering.....	E 15	2	2
Heat-Power Engineering.....	P 10	3	3
Mechanical Laboratory.....	X 11, 10	3	3
Machine Design—(a) Drawing.....	D 10	2	2
(b) Lectures and Recitations.....	D 16	3	3
Machine Work*.....	S 10	2	2
Industrial Organization.....	I 12	2	0
Hydraulics.....	M 12	0	2

Total number of hours.....

19

19

Senior Year

Electrical Machinery.....	E 20	2	2
Electrical Machinery.....	E 21	3	2
Electrical Power Stations and Designs**.....	E 23, 22	3	4
Electrical Laboratory.....	E 28	3	4
Heat-Power Engineering.....	P 21	3	0
Mechanical Laboratory.....	X 22	2	0
Economics.....	I 24	2	2
Electives.....		2	6

Total number of hours.....

20

20

2. The Six-Year Course Leading to the Degrees of A.B. and E. E.

(See p. 170.)

ELECTIVES

Students having the necessary preparation and having the approval of their class adviser may take any subject in any department in the University. For detailed information regarding these elective subjects see the announcements of the departments in which they are given.

TECHNICAL ELECTIVES GIVEN IN THE SCHOOL OF ELECTRICAL ENGINEERING FOR SENIORS ONLY

Elementary Electrical Communication, E 19; Electrical Design, E 22; Electrical Power Stations, E 23; Elements of Electric Railway Pract., E 25; Advanced Electrical Communication, E 27; Engineering Mathematics, E 30; Special Electrical Engineering Problems, E 33. Current Electrical Topics, E 34.

COURSES OF INSTRUCTION IN THE SCHOOL OF ELECTRICAL ENGINEERING**For Juniors and Seniors**

For a description of courses given to freshmen, see p. 170; for a description of the courses given to sophomores, and of M.E. courses for juniors and seniors in Electrical Engineering, see the course in the School of Mechanical Engineering, pp. 176-178.

E 12. **Essentials of Electrical Engineering.** Required of seniors in Civil Engineering and Chemistry. First term only. Credit four hours. Assistant Professor BALLARD and instructors.

E 14. **Elementary Electrical Engineering** Required of all juniors in Electrical or Mechanical Engineering. Throughout the year. Credit two hours a term. Prerequisite courses, Physics 11 and 14, M.E. 330 and 331, and E 5. Must be accompanied by E 15. Assistant Professor PERTSCH and instructors.

*Students who expect to specialize in Electrical Communication in the senior year are required to take the prerequisite course E 19 (two hours credit) in the second term of the junior year. In this case, two hours of S 10 may be deferred until the senior year, to be substituted for two elective hours.

**Students specializing in Electrical Communication will take Courses E 26 and E 27 in place of E 23 and E 22. Courses E 23 and E 22 may be taken by such students as electives.

***Not more than four hours credit in Advanced Military Science (in addition to the four hours of Drill regularly required of first and second-year men) will be accepted toward meeting the requirements for the E.E. degree.

E 15. Elementary Electrical Engineering. Required of all juniors in Electrical or Mechanical Engineering. Throughout the year. Credit two hours a term. Prerequisite courses, Physics 11 and 14, M.E. 330 and 331. Assistant Professor PERTSCH and instructors.

E 19. Elementary Electrical Communication. Second term. Credit two hours. Two recitations a week. Prerequisite courses, E 14 and E 15. Assistant Professor BALLARD.

E 20. Theory of Electrical Machinery. Required of seniors in Electrical Engineering. Throughout the year. Credit two hours a term. Prerequisite courses, E 14 and E 15. Professor KARAPETOFF.

E 21. Characteristics of Electrical Machinery. Required of seniors in Electrical Engineering. Throughout the year. Credit three hours first term, two hours second term. Prerequisite courses, E 14 and E 15; must be accompanied by E 20. Professor KARAPETOFF and instructors.

E 22. Electrical Design. Required of seniors in Electrical Engineering, except those electing the electrical communication option; open to such students as an elective. Second term only. Credit four hours. Must be accompanied by E 20 and E 21. Assistant Professor PERTSCH.

E 23. Electrical Power Stations. Required of seniors in Electrical Engineering, except those electing the electrical communication option; open to such students as an elective. First term only. Credit three hours. Prerequisite courses E 14 and E 15. Assistant Professor PERTSCH.

E 25. Elements of Electric Railway Practice. Elective for seniors. Second term only. Credit two hours. Prerequisite courses, E 14 and E 15. Assistant Professor CHAMBERLAIN.

E 26. Advanced Electrical Communication. First term. Credit three hours. Prerequisite course E 19. Assistant Professor BALLARD.

E 27. Advanced Electrical Communication. Second term. Credit four hours. Prerequisite course E 26. Assistant Professor BALLARD.

E 28. Senior Electrical Laboratory. Required of seniors in Electrical Engineering. Throughout the year. Credit three hours first term, four hours second term. Must be accompanied by E 20 and E 21. Assistant Professor CHAMBERLAIN, Mr. BASON, and instructors.

E 30. Engineering Mathematics. Elective. Open to seniors and graduate students only. May be taken in the first or the second term, or in both. Credit two hours a term. Professor KARAPETOFF.

E 33. Special Electrical Engineering Problems. Open to seniors. First or second term or both. Credit two or more hours.

E 34. Current Topics in Electrical Engineering. Elective. Open only to seniors and graduate students. First term. Credit two hours. Assistant Professor PERTSCH.

E 36. Electrical Engineering for M.E. Seniors. Required of seniors in Mechanical Engineering. May not be taken simultaneously with E 37. Credit two hours. Repeated in the second term. Prerequisite courses, X 11, E 14 and E 15. Assistant Professor CHAMBERLAIN.

E 37. Electrical Engineering for M.E. Seniors. Required of seniors in Mechanical Engineering. May not be taken simultaneously with E 36. Credit two hours. Repeated in the second term. Prerequisite courses, X 11, E 14 and E 15.

Seminary in Electrical Engineering. Required of all graduate students. Seniors may attend by special permission but no credit will be given. Professor KARAPETOFF.

THE UNIVERSITY LIBRARIES

THE LIBRARY COUNCIL

LIVINGSTON FARRAND, A.M., M.D., LL.D., President of the University.
CHARLES H. BLOOD, of the Board of Trustees.
WILLARD AUSTEN, Librarian.
OSKAR AUGUSTUS JOHANSEN
GEORGE LIVINGSTONE HAMILTON
CLARK SUTHERLAND NORTHUP
WALTER BUCKINGHAM CARVER

} Elected by the University Faculty.

THE LIBRARY STAFF

WILLARD AUSTEN, Librarian.
ANDREW CURTIS WHITE, Ph.D., Assistant Librarian.
GEORGE LINCOLN BURR, A.B., LL.D., Honorary Librarian of the White Library.
HALLDOR HERMANSSON, Curator of the Icelandic Collection.
GEORGE LIVINGSTONE HAMILTON, Curator of the Petrarch and Dante Collections.
ELIZABETH SAGE INGERSOLL, Superintendent of the Accessions Division.
EMMA AVALYN RUNNER, B.S., Supervisor of the Catalogue.
LILLIAN LELAND, Supervisor of Periodicals.
EMMA ROMELIA SPEED, A.B., Senior Cataloguer.
ALICE CAROLINE HOWE, Junior Cataloguer.
ELIAS ROOT BEADLE WILLIS, A.M., Superintendent of the Readers Division.
ANNA GREGORY, Senior Assistant, Readers Division.
GEORGE DE GRASSI, Supervisor of the Stacks Division.
KATHERINE WORDEN, Cataloguer.
E. E. WILLEVER, Librarian of the Law Library.
WILLARD WALDO ELLIS, LL.B., Librarian of the New York State College of Agriculture.

The University Libraries comprise the General Library of the University, the Seminary Libraries in the general library building, the Architectural Library, the Chemical Library, the Sibley Engineering Library, the Civil Engineering Library, The Law Library, the Flower Veterinary Library, the Barnes Reference Library, the Goldwin Smith Hall Library, the Van Cleef Memorial Medical Library, and the Library of the New York State College of Agriculture. The total number of classified volumes and pamphlets in these is now about six hundred and seventy thousand. The number of periodicals, transactions, and other serials, currently received, is over two thousand and of most of these complete sets are on the shelves.

The General Library Building is the gift of the late Hon. Henry W. Sage. The general reading rooms contain accommodations for two hundred and seventy readers, and the open book cases around the rooms provide shelf room for twelve thousand volumes. In the tower are the great bell of the University, the gift of Mrs. Mary White, and the chime of bells, the gift of Mrs. Jennie McGraw Fiske.

The income of an endowment fund of three hundred thousand dollars, given by the late Henry W. Sage in 1891, is devoted to the purchase of books and periodicals. The free income of an endowment fund of five hundred and three thousand dollars, received in 1906 by the bequest of the late Willard Fiske, is to be expended for the uses and purposes of the Library, with specific provision for the maintenance and increase of the Icelandic and the Italian collections.

Supplementing the general card catalogue of the library, there have been issued printed catalogues of the President White collections on the Protestant Reformation (1889) and the French Revolution (1894), and of the Rhaeto-Romanic collection (1894), the Dante collection (1900), and its Supplement (1921), the Icelandic collection (1914), the Petrarch collection, and the Runic collection.

The library is primarily for the use of University officers and students. Books not held in reserve for special reasons are allowed to go out for home use to all registered borrowers. Cards of admission to the shelves in the stack-rooms, and to the White Historical Library, will be issued to students for a limited time for purposes of consultation and research, when their work is of such a nature as to require access to the book shelves.

Among the more important special collections in the General Library may be mentioned:

THE ANTHON LIBRARY, of nearly seven thousand volumes, the collection made by the late Professor Charles Anthon of Columbia College, in the ancient classical languages and literatures, besides works in history and general literature.

THE BOPP LIBRARY, of about twenty-five hundred volumes, relating to the oriental languages and literatures, and comparative philology, being the collection of the late Professor Franz Bopp of the University of Berlin.

THE GOLDWIN SMITH LIBRARY, of thirty-five hundred volumes, comprising chiefly historical works and editions of the English and ancient classics, presented to the University in 1869 by the late Professor Goldwin Smith, and increased during later years by the continued liberality of the donor.

THE WHITE ARCHITECTURAL LIBRARY, a collection of over twelve hundred volumes relating to architecture and kindred branches of science, given by the late President White.

THE KELLY MATHEMATICAL LIBRARY comprising eighteen hundred volumes and seven hundred tracts, presented by the late Hon. William Kelly of Rhinebeck.

THE SPARKS LIBRARY, being the library of Jared Sparks, sometime president of Harvard University, consisting of upward of five thousand volumes and four thousand pamphlets, relating chiefly to the history of America.

THE MAY COLLECTION, relating to the history of slavery and anti-slavery, the nucleus of which was formed by the gift to the library of the late Rev. Samuel J. May of Syracuse.

THE SCHUYLER COLLECTION of folk-lore, Russian history and literature, presented by the late Hon. Eugene Schuyler in 1884.

THE PRESIDENT WHITE HISTORICAL LIBRARY, of about twenty-three thousand volumes and pamphlets, the gift of the late President White, received in 1891; especially rich in the primary sources of history, and containing notable collections on the period of the Reformation, on the English and French Revolutions, on the American Civil War, and on the history of superstition.

THE SPINOZA COLLECTION, numbering four hundred and fifty volumes, presented in 1894, by the late President White.

Four remarkably rich collections given by the late Willard Fiske, comprising the **DANTE COLLECTION**, containing over eight thousand volumes, the **PETRARCH COLLECTION**, containing about four thousand volumes, the **RHAETO-ROMANIC COLLECTION**, containing about thirteen hundred volumes, and the **ICELANDIC COLLECTION**, containing over fifteen thousand volumes.

THE ZARNCKE LIBRARY, containing about thirteen thousand volumes and pamphlets, especially rich in Germanic philology and literature, purchased and presented in 1893 by William H. Sage.

THE HERBERT H. SMITH COLLECTION of books relating to South America, purchased in 1896.

A valuable collection of books on French and Italian Society in the 16th and 17th centuries, presented by Professor T. F. Crane in 1896.

THE FLOWER VETERINARY LIBRARY, the gift of ex-Governor Flower to Cornell University in 1897, for the use of the State Veterinary College.

THE EISENLOHR LIBRARY, containing about one thousand volumes of Egyptology and Assyriology, purchased and presented in 1902 by A. Abraham.

THE BAYARD TAYLOR correspondence and journals and his collection of Goethe literature, presented to the Library, in 1905 by Mrs. Marie Taylor.

THE ANGLO-SAXON COLLECTION and the **COWPER COLLECTION**, formed by the late Professor Hiram Corson, bequeathed to the Library, and received in 1911.

THE ENGLISH COLLECTION, presented by Professor J. M. Hart in 1914.

THE COLLECTION OF JAPANESE LITERATURE presented to the University in 1915 by Dr. William Elliot Griffis.

THE GUTEAU INSURANCE LIBRARY, purchased in 1916.

THE CHARLES WILLIAM WASON COLLECTION of books dealing with China and the Chinese. An endowed collection of about ten thousand volumes and pamphlets given by the late C. W. Wason, '76, of Cleveland, Ohio.

THE JAMES VERNER COLLECTION of U. S. Civil War Literature given by Mr. Scafe of the class of 1889. This gift, which was received in 1919, combines with the President White books in the same field to form a strong collection.

THE EMIL KUICHLING COLLECTION of hydraulic and sanitary engineering books, presented by Mrs. Kuichling in 1919 for the use of the engineering students.

These collections, and others such as these, making possible an exhaustive study of certain fields, are of the greatest service in research work. A similar purpose is served by the seminary rooms of the University Library. Thus, for the study of English, of the classical languages, of the Germanic and Romance languages, of philosophy, of politics and economics, of American and European history, there have been provided in the library building six of these research rooms, each equipped with a carefully chosen body of reference books, to which advanced students in these fields have access. In connection with the scientific and technical laboratories similar collections have been formed and well supplied with reference books, standard works, and sets of periodicals, conveniently arranged for study and research.

The following are the more important divisions of the University libraries kept outside the main library:

The Goldwin Smith Hall Library, in Goldwin Smith Hall, is distinctly a reference collection, numbering now over two thousand volumes. It consists chiefly of books used in connection with the undergraduate work in humanities, providing in certain cases many copies of the books most in demand in the larger classes.

The Law Library occupies the third floor of Boardman Hall. It now contains over fifty thousand volumes, and includes the library of the late Nathaniel C. Moak, presented in 1893 by Mrs. A. M. Boardman and Mrs. Ellen D. Williams as a memorial to Judge Douglas Boardman, the first Dean of the College of Law. In reports to the Federal Courts, reports of the several American state jurisdictions, and in English, Scotch, Irish, and Canadian reports, the law library is practically complete to date. The library also possesses complete sets of all the leading law periodicals in English.

The Barnes Biblical Library was presented to the University by the late Alfred C. Barnes for the use of the Cornell University Christian Association, and occupies a room in Barnes Hall. The collection now numbers two thousand three hundred volumes, all fully catalogued as part of the University Library. After the death of the donor his children gave to the University, for the maintenance and increase of the collection, an endowment of five thousand dollars.

The Flower Veterinary Library, now numbering over five thousand volumes, owes its formation to the late Roswell P. Flower who in 1897 gave five thousand dollars to Cornell University to establish a veterinary library for the use of the State Veterinary College. In 1901, Mrs. Flower gave to the University ten thousand dollars for an endowment fund, the annual income of which is to be used for this library.

The Van Cleef Memorial Medical Library, established in 1903 by gifts and by class memorial subscriptions, and endowed in 1921, now contains over fourteen hundred volumes.

The Medical College in New York City has its own library containing about seven thousand bound volumes and a large number of reprints and monographs including the Birch-Hirschfeld bound collection. The library receives about one hundred current periodicals which include nearly all the more important German, French, English, and Italian journals in the field of medical science.

The Agricultural College Library, comprising the College Library, the Forestry Library, and the Craig Horticultural Library, consists of some fifteen thousand volumes.

THE HECKSCHER RESEARCH FOUNDATION

August Heckscher of New York City in 1920 established and endowed the Heckscher Foundation for the Promotion of Research in Cornell University. The purpose of the Foundation was set forth as follows in Mr. Heckscher's formal letter of gift, dated New York, August 5, 1920.

"This gift is to constitute a fund to be known as the Heckscher Foundation for the Promotion of Research in Cornell University.

"The income of the fund is to be used for the support at Cornell University at Ithaca, New York, of research in any or all branches of knowledge (including the publication of the results thereof).

"The income from the said fund, whether derived from the said shares or from any investment of the proceeds thereof, shall be kept in a separate account, and a separate accounting of such income shall be made from year to year. It is my desire and expectation that such income will be used to supplement and extend the work in research now being carried on and supported by the University.

"As research in America suffers from the exhaustion of professors by teaching and other duties, it is my desire that professors and instructors possessing the talent and training necessary for research shall, under such conditions and for such periods of time as the University authorities may prescribe, be liberated partially or wholly from those duties and enabled to devote themselves in all the freshness and fullness of their energies to productive investigation and scholarship."

The Board of Trustees on October 2, 1920, adopted the following legislation in regard to the Heckscher Research Foundation:

"1. That the income shall be used only for the promotion of research, including the publication of the results thereof.

"2. That for the present the income shall not be used for permanent research professorships.

"3. That the income shall not be used to increase the emoluments of any member of the teaching staff.

"4. That the income shall not be used intentionally to promote investigation leading to patent rights or to the pecuniary benefit of the investigators through patent rights, or in any similar manner.

"5. That for the administration of the foundation there shall be established a council to be known as the Heckscher Research Council. This Council shall consist of the President of the University, *ex officio*, as chairman; two Trustees to be elected by the Board of Trustees whose respective terms as members of the Council shall continue until the expiration of their then respective terms as Trustees; the Dean of the Graduate School, *ex officio*; four members of the University Faculty, two from each of the two groups known as the group of sciences and the group of letters as specified in Section 2 of Article XII of the University Statutes and relating to the University Library; and two emeritus professors to be selected by the Council. The terms of the four Faculty members to be elected by the groups of the Faculty shall, at the first election, be for one, two, three, and four years respectively, and thereafter the term of each shall be four years. All members of the Council shall continue to hold office until their successors are elected. This council shall, subject to the approval of the Board of Trustees, have general

supervision of research under the Heckscher Foundation, the expenditure of the income of the fund, and all other matters pertaining thereto. The Council shall report its recommendations from time to time to the Board of Trustees and upon the approval of the same the expenditure of appropriations shall follow the usual practice of the University. The Council shall call annually for requests for grants from individual investigators, or groups of investigators proposing to collaborate, but not from departments of the University as such, nor from colleges. The Council shall have power to establish and from time to time modify the rules and regulations governing its meetings and the details of appropriations. An annual report of progress shall be made to the Council by each investigator or group receiving a grant. An annual report to the Board of Trustees shall be made by the Council and a copy thereof sent to the founder of the fund. A minimum of one hundred copies of all publications of the results of the investigations shall be delivered to the Council for preservation in the University Library and distribution under the direction of the Council. A bound copy of such publications shall from time to time be transmitted to the founder."

In 1921-22 the Heckscher Research Council was composed of the President of the University and the Dean of the Graduate School, *ex officio*; Messrs. Place and Westinghouse of the Board of Trustees; Professors J. Q. Adams, Ernest Merritt, W. N. Barnard, and Carl Becker; and Emeritus Professors E. L. Nichols and J. H. Comstock.

SCHOLARSHIPS AND PRIZES

STATE TUITION SCHOLARSHIPS

(Awarded by New York State)

Under the law of the State of New York, the Commissioner of Education is empowered to award annually a number of free scholarships in Cornell University equal to the number of Assembly Districts in the State of New York. Each scholarship entitles the holder to free tuition for four years, beginning in the September immediately following the award of the scholarship.

Every scholarship holder must satisfy the regular requirements for admission to one of the colleges of the University.

Holders of State scholarships are notified that failure to register before the close of the last registration day for each term involves the severance of their connection with the University and consequently the forfeiture of their scholarships. The Commissioner of Education fills all vacancies in scholarships.

A State scholarship holder, after regular registration at the University, may receive a leave of absence for the purpose of earning necessary funds to defray his living expenses at the University. Such leave of absence may be granted at the beginning of the University course, but in that case the scholarship will not be extended for the period covered by the leave of absence; on the contrary it will lapse at the expiration of four years from the date of its original award. If, however, leave of absence for the aforementioned purpose is granted after the holder has made a creditable record in the University for at least one year, his scholarship will be extended for a period not to exceed two years, thus making the scholarship valid for a total period not to exceed six years from the date of the original award. State scholarship holders desiring leave of absence on their scholarships should apply at the Secretary's Office, 27 Morrill Hall, Ithaca, New York. Leave of absence from the University does not carry with it leave of absence on State scholarships.

For particulars in regard to the awarding of Cornell University State Scholarships, application should be made to the Commissioner of Education, Albany, New York.

STATE UNIVERSITY SCHOLARSHIPS

Known at Cornell as the "State Cash Scholarships"

(Awarded by New York State)

Under the laws of the State of New York (Chapter 292, Laws of 1913), State scholarships have been established in the several counties of the State, to be maintained by the State as provided by law. Five such scholarships are to be awarded to each county annually for each Assembly District therein. Each such scholarship will entitle the holder thereof to the sum of \$100 for each year of his attendance upon an approved college in the State during a period of four years. A person who receives such scholarship is not restricted in his choice of the college which he desires to attend, or as to the course of study which he proposes to pursue; provided that no such scholarship shall include professional instruction in law, medicine, dentistry, veterinary medicine, or theology, except so far as such instruction is within a regularly prescribed course of study leading to a degree other than in one of the above-named professions; and provided further, that the college selected by the person entitled to such scholarship is situated within the State of New York, and is incorporated as a college and authorized under the laws of the State and the rules of the Regents of the University to confer degrees.

For particulars in regard to the awarding of State scholarships, application should be made to the Commissioner of Education, Albany, New York.

UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

(Awarded by the University)

Eighteen University Undergraduate Scholarships, each continuing for two years and of an annual value of \$200, are offered each year to members of the incoming freshman class. The award is made on the basis of a special competitive examination held in Ithaca in September between the period of the entrance examinations and the opening of the University.

On the basis of the same competitive examination (unless awarded under the conditions described on p. 188) two Kenney Scholarships are awarded, each continuing for four years and of an annual value of \$250.

Every candidate for such a scholarship must have satisfied the full entrance requirements of that college of the University which he proposes to enter.

Holders of New York State scholarships, either State tuition scholarships or State cash scholarships, or both, are eligible for University undergraduate scholarships.

The University undergraduate scholarships will be awarded on the basis of examinations in three of the eight following subjects:

(a) English.—Entrance requirement. (b) Greek.—Greek grammar and composition; translation at sight of simple prose. (c) Latin.—Latin Grammar and Caesar, composition and Cicero; Vergil. (d) French.—Third year French. (e) German.—Third year German. (f) Spanish.—Third year Spanish. (g) Elementary Mathematics.—Elementary Algebra; Intermediate Algebra; Plane Geometry. (h) Advanced Mathematics.—Solid Geometry; Advanced Algebra; Plane Trigonometry.

In choosing three of these eight subjects, every candidate must take English and at least one of the other five languages; and any candidate who does not select either Latin or Greek must take Advanced Mathematics.

No scholarship will be awarded to any candidate who is reported markedly deficient in any subject in which he is examined, and the right is reserved to award fewer than eighteen scholarships in the absence of a sufficient number of duly qualified candidates.

Before scholarships are awarded, every candidate must indicate the college and, if several courses of study with diverse entrance requirements are given in that college, the course in which he intends to register. In order to hold a scholarship, if it be awarded to him, he must register in that college or course, and he will forfeit his right to the scholarship if he transfers to any other college or course, unless, at the time when he was admitted, as shown by the records of the University, he had satisfied all the entrance requirements for the college or the course to which he transfers.

All persons shall be debarred from the competition for these scholarships who have participated in any previous competition for the same, or have been previously registered in the University (including the Summer Session) or in any other university or college.

The University Faculty's Standing Committee on Undergraduate Scholarships may, after the student has been given an opportunity to explain his unsatisfactory record, vacate any scholarship for negligence, for failure to maintain a high standard of scholarship, or for conduct of any kind that is unbecoming a student holding such a scholarship.

Whenever any of these scholarships shall for any reason become vacant, the vacancy shall be filled as the Faculty may determine.

The moneys due on these scholarships are paid at the office of the Treasurer of the University in two equal payments on the 27th of February and the 30th of June, but no scholarship holder is entitled to receive his semi-annual payment until the Scholarship Committee has examined and approved his record for the preceding term, and until the chairman of the Scholarship Committee has certified that the record is satisfactory.

The special examinations for these scholarships begin on the first day of registration in September. Permits to take the examinations will be issued by the Registrar by mail on application, provided the candidate has satisfied all the en-

trance requirements, and provided the application is accompanied by a statement giving the name of the school at which the candidate was prepared, the name of the principal of the school, and the course which the student proposes to enter.

SPECIAL UNDERGRADUATE SCHOLARSHIPS

The Frank William Padgham Scholarship. This scholarship, founded by Amos Padgham of Syracuse, New York, in memory of his son, Frank William Padgham, M.E. '88, entitles the holder to free tuition and fees in the regular courses in the Sibley School of Mechanical Engineering or in the School of Electrical Engineering. It cannot be held in connection with a New York State Scholarship. It will be awarded to the candidate, if any, who has had his preparatory education in the public schools of Syracuse, New York, and who, having been admitted to the regular course in either of the Schools named, shall pass the best examination in a competitive examination on mathematics (solid geometry, advanced algebra, and plane trigonometry) and on two of the following: (1) third year German; (2) third year French; (3) English. The examination for this scholarship is held at the same time as the University Undergraduate Scholarship examinations; and the candidate must declare his intention to enter the Padgham Scholarship examination and state his qualifications therefor to the Registrar, who will issue the usual permit to enter this special examination. In case no one qualifies for this scholarship in the foregoing manner, the faculties of the Schools may, with certain restrictions, recommend the awarding of the scholarship to some worthy applicant, preferably from Syracuse. Upon request, detailed information regarding the examination and the awarding of the scholarship will be furnished by the Dean of the College or by the Registrar of Cornell University.

State Grange Scholarships in Agriculture. At its annual meeting in February, 1914, the New York State Grange adopted a resolution whereby \$600 is to be given to members of the Order in the form of twelve scholarships in the Winter Courses in Agriculture in Cornell University. The Scholarships are each of the value of \$50, to be awarded to men or women who attain the highest standing in competitive examinations. The candidate should apply to the Master of the Pomono Grange in his home county, or to the Deputy in counties which have no Pomona Grange.

Eudorus C. Kenny Scholarships. Under the will of Eudorus C. Kenny of the class of 1882, his residuary estate was left to Cornell University, the net income to be used for the establishment of scholarships. The amount of the foundation is about \$40,000. Two scholarships, of the annual value of \$250 each, are awarded each year for a period of four years to applicants entering the University who are bona fide residents of the town of Truxton, Cortland County, New York. Such applicants shall be recommended by a committee consisting of the Principal of the Truxton Public School, the Superintendent of Schools for the district including Truxton, and the Supervisor for the Town of Truxton, the recommendation to be made and certified to the President of the University on or before September 15 of each year. The President shall award the scholarship and certify the award to the Treasurer and the Dean of the University Faculty. In case of a vacancy in any scholarship the value of the scholarship may be awarded by the Faculty Committee on Scholarships in such manner as it may deem best.

Beatty Agricultural Scholarships. By the will of the late Harrison L. Beatty of Bainbridge, New York, the income of \$5,000 is devoted to three equal scholarships in the winter courses, to be known as the Beatty Agricultural Scholarships. These Scholarships are to be awarded to residents of Chenango County, one of whom shall be a resident of the town of Bainbridge. In making the award, equal consideration will be given to education and practical experience. Competitive examinations are held annually in Norwich and Bainbridge, New York, in the last week of September; the exact dates are to be announced to those applying for the examinations. The applications must be sent to the Secretary of the College of Agriculture, Ithaca, New York, by September 1.

Scholarships for Foreign Students. With a view to aiding worthy students from the devastated countries of Europe, especially France, Italy, Belgium, Serbia, and Roumania, there have been established in the College of Agriculture five free tuition scholarships to be awarded by the Dean to worthy applicants from these countries. These scholarships carry free tuition for a period of four years each for such students to whom they may be awarded as shall enter any time prior to the close of the academic year 1922-23.

The following undergraduate scholarships are not open to students at the beginning of their freshman year in the University:

1. **The Boardman Senior Law Scholarship**, of the annual value of \$100.
2. **The Fraser Scholarships.** Two scholarships in the College of Law of the annual value of \$100 and \$50, respectively.
3. **The Roberts Scholarship Fund**, providing for five annual scholarships of the value of \$240 each, for students in the College of Agriculture.
4. **The Buffalo Alumni Association Scholarship**, of the annual value of \$200, for students who are residents of Erie or Niagara County, New York. The recipient must have been at least one year in some university. Cornell University is not responsible for the award or the payment of this scholarship.
5. **The Student Fund of the Cornell Club of Rochester.** A loan of the annual value of \$200 as a maximum. The recipient must be an upperclassman, must have had at least one year of residence at Cornell University, and must be eligible to membership in the Cornell Club of Rochester, New York. Cornell University is not responsible for the award or the payment of this scholarship.
6. **The Fred Lewis Wilson Scholarship**, of the annual value of \$192, is awarded for a period of not more than two years to students in the Sibley School of Mechanical Engineering or in the School of Electrical Engineering who have been at least one year in the University and who are in need of financial aid. The scholarship is awarded by a committee consisting of the President of the University, the Dean of the College of Engineering, and one other person chosen by them. In awarding the scholarship, consideration is given to scholarship, character, probable usefulness in the world at large, proficiency in mechanic arts, and financial need.
7. **The William Delmore Thompson Scholarship.** This scholarship, established in memory of William Delmore Thompson, is for the benefit of all self-supporting students in Mechanical Engineering. It is to be awarded at the beginning of the junior year and, if the student's work proves satisfactory, is to continue through the senior year.
8. **The John Leisenring Wentz Scholarship**, founded in 1920 by Mrs. Sarah B. Audenreid in memory of John Leisenring Wentz, a member of the class of 1898, consists of the income of a fund of \$5,500. It is awarded at the end of each academic year to a member of the incoming senior class in Mechanical or Electrical Engineering who is in need of financial assistance and who during his junior year maintained a high scholastic standing. The award shall be determined by a committee approved by the President of the University from the Faculty of the College of Engineering.
9. **The Grasselli Undergraduate Scholarship in Chemistry**, for the year 1921-22, of the value of \$500, is supported by the Grasselli Chemical Company of Cleveland, Ohio.

For scholarships and fellowships in the Graduate School, see p 59.

PRIZES

For full information concerning the following prizes, the pamphlet on *Prize Competitions* should be consulted.

The Woodford Prize, an annual prize in oratory, consisting of a gold medal of the value of \$100.

The Horace K. White Prizes of \$15 and \$10, respectively, awarded annually to the most meritorious students in the graduating class of the Veterinary College.

The Sibley Prizes in Mechanic Arts, of the annual value of \$100, awarded to students in the Sibley School of Mechanical Engineering.

The '86 Memorial Prize in Declamation, of the annual value of \$86.

The Barnes Shakespeare Prize, of the annual value of about \$50.

The Fuertes Medals, awarded to students in the School of Civil Engineering for scholarship.

The '94 Memorial Prize in Debate, of the annual value of about \$94.

The Sands Memorial Medal, awarded to students in the College of Architecture.

The Brown Memorial Medal, awarded to students in the College of Architecture.

The Corson Browning Prize, an annual prize consisting of a gold medal of the value of \$50.

The Corson French Prize, an annual prize consisting of a gold medal of the value of \$50.

The Guilford Essay Prize, of the annual value of about \$150.

The Luana L. Messenger Memorial Prize, an annual prize of \$250, for the essay giving evidence of the best research and most fruitful thought in the field of human progress or the evolution of civilization.

The John Metcalfe Polk Memorial Prizes of \$300, \$125, and \$75, respectively, awarded annually to students having the highest standing in the Medical College.

The Sherman-Bennett Prize, an annual prize consisting of the income on \$400, for the best essay discussing the principles of free government.

The Morrison Trophy Cup Prize, awarded to students in the winter courses for proficiency in debate.

The Whiting Prizes of \$50 and \$25, awarded to students in the Medical College.

The James T. Morrison Prize in Poetry, of the annual value of \$100.

The Eastman Prizes for Public Speaking, in the College of Agriculture, of the annual value of \$100 and \$20.

The Sampson Fine Arts Prize, an annual prize of the value of about \$50, awarded to the student who shows the most intelligent appreciation of the graphic arts and architecture.

The Hollingworth Honorarium for Research, \$50 awarded annually for research in the Veterinary College.

The Early English Text Society Prizes. Four publications of the early English Text Society, awarded as prizes to the students passing the best examinations in Early English.

The Fuertes Memorial Prizes in Public Speaking, consisting of \$125, \$35, and \$20, awarded to students in the Colleges of Engineering and Architecture.

The Graduate Prize in Philosophy of \$25, awarded to students in the Graduate School.

The James Gordon Bennett Prize of \$50, for the best work on local and general anaesthesia in the College of Veterinary Medicine.

The Jane Miller Prize of \$50, for the best work in veterinary physiology.

The George Chapman Caldwell Prize of \$50, awarded to a member of the senior class in the chemistry course for general excellence in chemistry.

The Ring Memorial Prizes, of approximately \$30 and \$20, awarded to undergraduates in the College of Agriculture for the best essays on floriculture, vegetable gardening, or pomology.

The Stewart Prize of \$50, awarded to students in the Department of Dairy Industry.

The J. G. White Prizes in Spanish. Three prizes, each of the value of \$100.

The Student Medal of the American Institute of Architects, awarded to the senior in the College of Architecture whose record is the best throughout the entire course.

The C. Lathrop Pack Prize, the income on a gift of \$500, awarded by the Faculty of the Department of Forestry.

The Charles Lee Crandall Prizes, of \$100 and \$25, awarded annually to seniors and juniors in the School of Civil Engineering.

The Goethe Prize of \$50, for the best essay on Goethe.

The Alumni Prize for Scholarship of \$25, awarded to juniors in the College of Agriculture.

The William M. Polk Memorial Prizes in Gynecology, of the value of \$125 and \$75, awarded to students in the Medical College.

The German Prize. The German Department offers for the year ending June, 1921, likewise for 1922, 1923, and 1924, a prize of \$50 to the senior who shall have made the most satisfactory progress in the study of the German language and literature during two years of study at Cornell University. No award will be made except for a high grade of scholarship.

The Juliette MacMonnies Courant Prize of \$50, awarded for excellence in French.

FELLOWS AND GRADUATE SCHOLARS, 1921-22

HONORARY FELLOWS

Amos William Peters, A.M. (Harvard) 1901, Ph.D. (same) 1903.
Henry Granger Knight, A.B., A.M. (Washington), Ph.D. (Illinois).
Carl Kinsley, M.E. (Cornell), 1894.

UNIVERSITY FELLOWS

The Cornell Fellowship in English: (Scholarship combined with Fellowship for 1921-22.) Thomas Perrin Harrison, jr., A.B. (North Carolina) 1918. Albert Walker Liddle, A.B. (Cornell) 1920.

The McGraw Fellowship in Civil Engineering: Prudencio F. Esquivel, B.S.C.E. (Philippines) 1919, M.S.I. (University of California) 1920.

The Sage Fellowship in Chemistry: Lowell Haines Milligan, B.Chem.Eng. (Ohio State) 1916, M.Sc. (same) 1917.

The Schuyler Fellowship in Animal Biology: Miss Christiana Smith, A.B. (Mount Holyoke) 1915.

The Sibley Fellowship in Mechanical and Electrical Engineering (Combined with the Charles Bull Earle Memorial Fellowship, and with the Edgar J. Meyer Memorial Fellowship for 1921-22.) James Harry Schofield, B.S. in M.E. (Lewis Institute) 1919, M.E. (Cornell) 1921.

The Goldwin Smith Fellowship in Botany: Miss Silence M. Rowlee, A.B. (Cornell) 1920.

The President White Fellowship in Physics: ———.

The Erastus Brooks Fellowship in Mathematics: (Combined with Scholarship for year 1921-22.) William Whitfield Elliott, B.A. (Hampden-Sidney) 1918, M.A. (Kentucky) 1919.

The University Fellowship in Architecture: Charles Morse Stotz, B.Arch. (Cornell) 1921.

The University Fellowship in Romance Languages: ———.

The University Fellowship in German: ———.

The University Fellowship in Agriculture: Chenfu Francis Wu, B.S. (Soochow) 1917, M.A. (same) 1919.

The Charles Bull Earle Memorial Fellowship in Mechanical and Electrical Engineering; (Combined with the Sibley Fellowship and the Edgar J. Meyer Memorial Fellowship for 1921-22.)

The President White Fellowship in Modern History: (Combined with Scholarship and made a Traveling Fellowship for year 1921-22.) Ernest William Nelson, A.B. (Clark) 1916, A.M. (same) 1921.

The President White Fellowship in Political and Social Science: Harwood B. Dolbeare, B.A. (Wesleyan) 1921.

The Susan Linn Sage Fellowships in Philosophy: Miss Lucy Shepard Crawford, A.B. (Cornell) 1913. Edgar H. Henderson, B.A. (Furman) 1915.

The Susan Linn Sage Fellowship in Psychology: Miss Catherine C. Braddock, B.A. (New Zealand) 1916, M.A. (same) 1917.

The Fellowships in Political Economy: Bernard Sobol, A.B. (Cornell) 1921. Dexter Merriam Keezer, B.A. (Amherst) 1920.

The Fellowships in Greek and Latin: (Combined for the year 1921-22.) Homer Franklin Rebert, A.B. (Franklin and Marshall) 1912.

The Fellowship in American History: ———.

The Edgar J. Meyer Memorial Fellowship in Engineering Research: (Combined with the Sibley Fellowship and the Charles Bull Earle Memorial Fellowship).

SPECIAL FELLOWS

The DuPont Fellowship in Chemistry: Arthur Walker Bull, B. Chem. (Cornell) 1919.

- The Grasselli Fellowship in Chemistry:** Emil Kline, A.B. (Cornell) 1920.
The Herman Frasch Fellowships: Oran Cecil Boyd, B.S. Agr. (Oklahoma A. and M.) 1916. Harold W. Fitch, B.S. (New Hampshire State) 1921.
The Eden Valley Fellowship: Levi O. Gratz, A.B. (Bluffton) 1915.
The North Fork Fellowship: Irvin H. Vogel, B.S. (Iowa State) 1916, M.S. (same) 1917.
The Steuben County Seed Improvement Fellowship: Karl H. Fernow, B.S. (Cornell) 1916. Fellowship from April 1, 1920, to March 1, 1922.
The Williamson Vegetable Laboratory Association Fellowship: Allan G. Newhall, B.S. (Minnesota) 1918.
The Gypsum Industries Association Fellowship: Miles Hugo Cubbon, B.S. (Cornell) 1921.

GRADUATE SCHOLARS

- The Susan Linn Sage Graduate Scholarships in Philosophy:** Woolf Cohen, A.B. (Toronto) 1920. Miss Anna Forbes Liddell, A.B., (North Carolina) 1918. Miss Helen H. Young, A.B. (Boston) 1919. ———. ———.
The Susan Linn Sage Graduate Scholarship in Psychology: Albert Clayton Reid, A.B. (Wake Forest) 1917, A.M. (same) 1918.
The Graduate Scholarship in Mathematics: (Combined with Fellowship for year 1921-22).
The Graduate Scholarship in Chemistry: ———.
The Graduate Scholarship in Physics: Herman E. Seeman, A.B. (Oberlin) 1921.
The Graduate Scholarship in Civil Engineering: ———.
The Graduate Scholarship in Latin and Greek: ———.
The Graduate Scholarship in Archaeology and Comparative Philology: ———.
The Graduate Scholarship in Animal Biology: Herbert Friedman, B.S. (College of the City of New York) 1920.
The Graduate Scholarship in Geology: Floyd Hodson, A.B. (Indiana) 1920.
The Graduate Scholarship in English: (Combined with Fellowship for year 1921-22).
The Graduate Scholarship in History: (Combined with Fellowship for year 1921-22).
The Graduate Scholarship in Architecture: ———.
The Graduate Scholarship in Veterinary Medicine: ———.

UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

CLASS OF 1923

The Cornell Scholarships: Stella Ruth Kaufman, Arts and Sciences.

CLASS OF 1924

The Cornell Scholarships: Henry Goldberg, Arts and Sciences; Esther Miriam Schwabe, Arts and Sciences.

The President White Scholarships: Charles Cohen, Arts and Sciences; Marcella Andree Varon, Arts and Sciences (first term); Mary Hastings Bosworth, Arts and Sciences (second term).

The Henry B. Lord Scholarships: Charles William Hetzler, Arts and Sciences; Otto Carl Jaeger, Arts and Sciences.

The McGraw Scholarships: Gregory Pincus, Agriculture; Rose Trilling, Arts and Sciences.

The Sage Scholarships: Edith V. Harris, Arts and Sciences; Lily Diana Mage, Arts and Sciences (first term); Irwina Reed Dorr, Arts and Sciences (second term).

The Sibley Scholarships: Irving Amson, Mechanical Engineering (first term); Frank Leslie Thompson, Civil Engineering (first term); Lester Francis Bougarde, Mechanical Engineering (second term); Harold Winograd, Mechanical Engineering (second term).

The Stewart L. Woodford Scholarships: Frances McAllister, Arts and Sciences (first term); Margaret McAllister, Arts and Sciences (first term); Daniel Orville Dechart, Arts and Sciences, (second term); Anthony James Delario, Arts and Sciences (second term).

The John Stanton Gould Scholarships: Olive Ling, Arts and Sciences (first term); Henry Joy McCracken, Mechanical Engineering (second term); Roy Cobb Lytle, Arts and Sciences (second term).

The Horace Greely Scholarships: Charles Nicholas Strong, Arts and Sciences; Louis Solovay, Arts and Sciences.

CLASS OF 1925

The Cornell Scholarships: Sarah Louise Ridgway, Arts and Sciences; Edward Joseph West, Arts and Sciences.

The President White Scholarships: Bertha Salwen, Arts and Sciences; Rachel Childrey, Arts and Sciences.

The Henry B. Lord Scholarships: Kathryn Margaret Kelley, Arts and Sciences; Helen Peavey, Arts and Sciences.

The McGraw Scholarships: Charles Bradley, Arts and Sciences; Wilson Lewis Farman, Arts and Sciences.

The Sage Scholarships: Rose Spiegel, Arts and Sciences; Frances Marion Sweet, Arts and Sciences.

The Sibley Scholarships: David Wallace Punzelt, Mechanical Engineering; Arthur Walter Lee, Mechanical Engineering.

The Stewart L. Woodford Scholarships: Howard W. Burden, Mechanical Engineering; Max Seborer, Mechanical Engineering.

The John Stanton Gould Scholarships: Edward G. Ainsworth, jr., Arts and Sciences; George Emory Bliss, Arts and Sciences.

The Horace Greeley Scholarships: Arthur H. Love, Mechanical Engineering; Herman Karnow, Arts and Sciences.

HOLDERS OF OTHER SCHOLARSHIPS

The Eudorus C. Kenney Scholarships: Class of 1922, Paul Eugene O'Keefe, Law. Class of 1923, David Edward Brainard, Mechanical Engineering, Laura Loretta Geer, Arts and Sciences. Class of 1924, Sidney Arthur Goldstein, Arts and Sciences; James Hutton, Arts and Sciences. Class of 1925, William F. Brown, jr., Arts and Sciences; Nathan Katz, Arts and Sciences.

The Boardman Senior Prize Scholarship: Horace Eugene Whiteside.

The Buffalo Alumni Association Scholarship: Edward S. Fabian, John J. Piazza.

The Fraser Senior Prize Scholarships: First: Paul Eugene O'Keefe. Second: William Hursh Farnham.

The Padgham Scholarship: Arthur McKinley Bladen.

The Roberts Scholarships: Daniel Francis Kinsman, Leon Frederick Packer, Clarence Raymond Keeler, Elsie Marie Sweet, Florence Genevieve Hess, Cornelia Elizabeth Lerch, Wilbur James Forbes.

The State Grange Scholarships: Merle H. Colburn, Lois E. Colburn, Anna Williams, Lillian Belton, Clara Gilligan, Roy McMillan, Charles E. Converse, Marie Klindt, Earl Youmans, Howard E. DeLong.

The Fred Lewis Wilson Scholarship: Charles Chapman Torrance.

The Beatty Agricultural Scholarships: Edward S. Fabian, John J. Piazza.

The William Delmore Thompson Scholarship: Donald Atwater Rogers.

The John Leisenring Wentz Scholarship: Robert William Anderson.

The State Bankers Association Scholarships: Stanley R. Dann, George J. Durkee, Lester M. Freeland, Earl Wakefield, Clifford Winans.

RESIDENTIAL HALLS

The University has five residential halls for men students. These are situated on the campus and furnish accommodations for about 420 men. For particulars, address the Treasurer of the University, Ithaca, N. Y.

The residential halls for women students are Sage College and Prudence Riskey Hall. The University Dean of Women has jurisdiction over all women students in the University and women students are not permitted to board or lodge outside the dormitories for women, except in houses approved by the Dean.

SAGE CHAPEL AND BARNES HALL

Religious services, provided for by the Dean Sage Preachership Endowment are conducted in Sage Chapel throughout the academic year and during the Summer Session by clergymen selected from the various religious denominations.

The Cornell University Christian Association is a voluntary organization of students and professors formed for their own religious culture and for the promotion of Christian living in the University. The Christian Association has its home in Barnes Hall, which contains a library of biblical literature and reading and recreation rooms. Bible study courses are carried on throughout the year. There is, in addition to the Men's Christian Association, a Young Women's Christian Association, with quarters in Barnes Hall.

THE CORNELL INFIRMARY

The Cornell Infirmary is the former mansion of the late Henry Williams Sage, for many years chairman of the Board of Trustees of the University. At his death in 1897, his sons, Dean and William Henry Sage, endowed it and gave it to the University for a students' Infirmary, as a memorial to their father. In 1912 the annex to the infirmary was erected with a capacity of sixty-two beds.

The infirmary is in charge of a superintendent and is open throughout the University year. It provides suitable rooms, food, and nursing, for sick students. It has no medical staff; students select their own physicians among practitioners in Ithaca or elsewhere. For infirmary fees, see p 54.

PHYSICAL EXAMINATIONS AND MEDICAL ADVICE

Medical Advisers and Examiners: D. F. Smiley, M.D.; E. C. Showacre, M.D.; C. H. Graves, M.D.; M. T. Root, M.D.; C. E. Case, M.D.; R. Kimpton, M.D.; H. A. Britton, M.D.; A. J. Gould, M.D.; Maude L. Etheredge, M.D.; Birdina Crosby, M.D.; Alice M. Hunter, M.D.

A physical examination is required of all students, each semester. Students physically deficient at the time of the semester examination will be assigned by the Medical Advisers to the Department of Physical Training, for such corrective exercises as they may deem necessary.

The Medical Advisers observe regular office hours at their respective offices, in the gymnasium for men and in Sage College for women.

In cases of illness or indisposition which involve absence from classes even for one day, students are expected to report immediately either in person, by telephone, or by messenger to the Medical Advisers' office. For the convenience of the Medical Advisers such illness should be reported early in the day. Students who are indisposed but still able to attend classes should consult the Medical Advisers immediately in order that advice may be given and diagnosis of incipient diseases may be made promptly. Any student failing to report as soon as possible to the Medical Advisers any contagious or infectious disease will be regarded as guilty of a serious breach of discipline. No excuses on account of illness will be accepted by the various colleges and departments of the University unless issued by the Medical Advisers. Excuses will not be given by the Medical Advisers' Office where no notification at the beginning of a sickness has been given.

Students who leave the city to consult out-of-town physicians must first arrange for a leave of absence. Letters of out-of-town physicians certifying to the illness of students should be accompanied by letters from the parents or guardian.

No charge is made for the services of the Medical Advisers.

A student may at any time be requested to withdraw from the University if, in the opinion of the University authorities, the condition of his health is such as to make it unwise for him to remain.

DEPARTMENT OF HYGIENE AND PREVENTIVE MEDICINE

All first and second year students of all the colleges are required to attend lectures on Hygiene and Preventive Medicine given once a week throughout the college year. Reading is assigned and a written examination is required.

MILITARY SCIENCE AND TACTICS

Every male student who does not already hold a college degree and who is a candidate for a baccalaureate degree, except in the College of Law, and who is required to take five, six, seven, eight or more terms in residence, must take, in addition to the scholastic requirements for the degree, one, two, three, or four terms, respectively, of three hours a week, in the Department of Military Science and Tactics.

The requirements in Military Science must be completed in the first terms of residence, otherwise the student will not be permitted to register again in the University, without the consent of the University Faculty.

The aim of the Department is to give training which will enable the graduates to serve as officers of any forces raised by the United States. The cadets are organized into an Infantry Regiment of twelve regular companies, and a band; a Battalion of Field Artillery of four batteries; one Signal Corps Company for E.E. students.

This course includes physical training, military drill, and the application of fundamental principles of modern tactics, et cetera, and is scheduled so as to provide progressive training from the duties of the private up to and including regimental and battalion commanders. The band is both the cadet and university band. Students regularly enrolled in the Department may be assigned thereto for training, instead of to a company. A student electing drill in his junior and senior years and taking five hours a week theoretical and practical instruction is paid commutation of subsistence of forty cents a day by the United States, provided he agrees to attend a summer camp of six weeks.

Any qualified member of the Cornell University Reserve Officers' Training

Corps who has satisfactorily passed the first year of his university course, may, on the recommendation of the Commandant, and the nomination of the President of the University, be commissioned as a cadet officer by the University Faculty. The University provides pay, ranging from \$50 to \$250 annually, for each of the seventy-two commissioned cadet officers of the Reserve Officers' Training Corps. In addition, the twenty-four senior officers are assistants in the Department.

Any student may elect drill during his entire course at the University and upon graduation is eligible for appointment as 2d Lieutenant in the Reserve Corps.

Each cadet is furnished a complete uniform by the United States which must be returned at the end of the college year. A deposit of \$15 is required to cover all issues and is refunded when the property account of the cadet is closed, losses being deductible.

DEPARTMENT OF PHYSICAL TRAINING

Students who are officially relieved of the requirements of Military Science and Tactics are subject to the requirements of the Department of Physical Training.

Every male student who is a candidate for a baccalaureate degree, and is required to take five, six, seven, eight, or more terms in residence, must take, in addition to the scholastic requirements for the degree, one, two, three, or four terms respectively, of three hours a week, in the Department of Physical Training, in case he is relieved of the requirements of the Department of Military Training. The requirement may be extended at the discretion of the Medical Adviser.

Every woman student who is a candidate for a baccalaureate degree and is required to take five, six, seven, eight, or more terms in residence, must take, in addition to the scholastic requirements, one, two, three, or four terms respectively, of three hours a week, in the Department of Physical Training. The requirement may be extended at the discretion of the Medical Adviser.

All students including graduates are required to present themselves to the Medical Adviser and receive a thorough confidential physical examination at least twice a year throughout their college course. Freshmen and sophomores may be required in exceptional cases of physical defect to substitute for military drill corrective physical exercises in the Department of Physical Training, as prescribed by the Medical Adviser. Juniors and seniors are relieved of all required physical exercises provided their periodical medical examinations show that they have kept themselves in satisfactory physical condition. Otherwise they may be required to take or continue corrective physical exercises.

It is the aim of the University to encourage participation in athletics on the part of all students rather than on the part of a few, as it is believed that in well regulated athletics is found, for the great majority of college men, the best solution of the problems of rational and effectual training. Permission is therefore given to the student, under certain limitations, to satisfy the requirement in Physical Training by taking such forms of exercise as he may choose, provided he is found, upon examination, to be physically sound. He may try for an athletic team, take scheduled walks in the country, or indulge his tastes in other outdoor forms of recreation, such as tennis, golf, etc.

ATHLETICS

An athletic league exists among the various colleges of the University and a series of athletic contests is carried on throughout the year. All students in the University except the 'varsity athletes may participate in these. The games consist of cross-country running, association football, basketball, indoor athletics, baseball, track athletics, and rowing.

The playground and Schoellkopf athletic field cover fifty-five acres. They are within five minutes walk of the Quadrangle and are used as a general playground for baseball, soccer, lacrosse, tennis, etc.

The Armory and the Gymnasium are used for indoor athletic work during the winter months. The intercollege boat house, situated on the Inlet, is used in

the spring by the intercollege crews. Women students have their separate gymnasium, boat house, athletic field, etc.

All students who desire to train for athletic competitions are required to be examined by one of the medical advisers.

The University Faculty through its Committee on student affairs exercises jurisdiction over organized athletic teams and other recognized student organizations in respect of eligibility, rules, and leave of absence.

ATHLETIC ASSOCIATION

The Cornell Athletic Association is an independent organization incorporated under the laws of the State of New York. Its board of trustees is composed of one representative from the Board of Trustees of Cornell University, and four from the faculties of the University, with one member at large, who together with representatives of the alumni and eight students representing officially the different branches of athletics, besides the representation of the undergraduate wearers of the "C", the representatives of the Minor Athletic Sports Association, and the freshman representative constitute the Athletic Council. The Association owns Percy Field, the boats and boat houses, two gasoline launches, and other athletic equipment. The Association issues an annual membership ticket on the payment of \$10. The holders of these membership tickets are entitled to admission to every local athletic contest under the management of the Association, including all games of baseball, football, and track. Members are also entitled to first choice of reserved seats, and no reserved seat tickets for games or boat races are sold until the members of the Association have been supplied with the seats they require. No further subscription toward the support of athletics is solicited from holders of membership tickets. The Athletic Council is charged with the active management of the athletic interests of the University. The graduate manager is custodian of the funds belonging to the Association and to the various branches.

The Athletic Association has under its jurisdiction the part of Alumni Field set aside for 'varsity athletics, consisting of about twelve acres. That part of Alumni Field which is devoted to 'varsity track athletics and football, is known as "Schoellkopf Field" and was equipped by members of the Schoellkopf family as a memorial to Jacob F. Schoellkopf; it contains a quarter-mile track, the football gridiron, and a stadium seating 12,000 people, above which are two levels in which automobiles are parked.

Schoellkopf Memorial Building on Schoellkopf Field was erected by an alumnus of the University as a memorial to his friend, Henry Schoellkopf, A.B., '02. In this building are the dressing rooms for the 'varsity athletic teams and the offices of the Cornell University Athletic Association. Bacon Practice Hall, also adjacent to Schoellkopf Field, contains a dirt floor and is used for baseball, track, football, soccer, and lacrosse practice.

The Athletic Association also has a boat house, shells, gigs, launches, etc., to use in the training of the 'varsity crews, situated on the Inlet about one-half mile from Cayuga Lake.

Officers

Herman Diederichs	President
Charles Hazen Blood	Financial Adviser

Members

Charles Hazen Blood	Board of Trustees
Charles Edward Treman	At large
David Fletcher Hoy	Faculty
Bristow Adams	Faculty
Willard Winfield Rowlee	Faculty
Charles Love Durham	Faculty
C. F. John	"C" Representative
L. B. Pryor	Navy Manager
A. G. Baldwin	Crew Representative

W. A. Schreyer	Baseball Manager
E. C. Woodin	Baseball Captain
W. B. VanHouten	Football Manager
E. L. Kaw	Football Captain
R. J. Parker	Track Manager
F. K. Lovejoy	Track Captain
T. C. Riley	Minor Sports Representative
Wade Dudley	Freshman Representative

BENEFICIARY AND LOAN FUNDS

The following beneficiary and loan funds have been established, the income of which is available for the aid of deserving students in Cornell University. The amounts indicated are the totals of the respective funds on July 1, 1922.

Guiteau Student Loan Fund. Gifts under the wills of Frederick W. Guiteau and of Mrs. Nancy G. Howe (\$94,689.03), the income to be used in advancing and assisting needful, worthy young men in pursuing their studies in the University. Established 1904 \$376,221.54

Agricultural Students Loan Fund. Founded by gift of the School of Practical Agriculture and Horticulture at Briarcliff, N. Y., to aid students in the Agricultural College who are working their way through, and increased by Agricultural students. Established 1908 \$399.46

Florence Dearstyne Fund. Gift under the will of Miss Florence E. Dearstyne, the income to be used under the direction of the Federation of Cornell Women's Clubs in assisting needy young women students. Established 1914 \$2,367.71

Polish Student Loan Fund. Gift from Polish students at Cornell to be disbursed to candidates presented by members of the Polish Club of the University. Established 1909 \$208.00

William C. Seidell Book Fund. Gift of Mr. and Mrs. Gerritt S. Miller, the income to be used to purchase books for poor young men working their way through the School of Civil Engineering. Established 1905 \$1,165.16

State Scholarship Alumni Fund. The nucleus of a fund to assist needy students. Established in 1914 by the gift of G. W. Graves, A.B., 1905, M.D., 1908, of the equivalent of the state scholarship held by him \$401.00

Womens' Guild Fund. The gift of women interested in the University, the income to be used to aid needy sick students. Established in 1892 \$6,557.41

Women Students' Loan Fund. Consists of former Students Loan Fund, the income to be loaned to needy women students, and increased in 1913 by \$7,000, temporarily assigned to the fund by the late President Andrew D. White from funds placed at his disposal by Trustee Andrew Carnegie \$18,601.41

Wurts Loan Fund. Gift of \$2,000 by Alexander Jay Wurts, in memory of his mother, the income to be loaned to students of the Sibley School of Mechanical Engineering to "help lift the man's burden from the boy's shoulders." Additions by Sibley students. Established 1912 \$2,267.74

Edwin G. Vail Fund. Gift under the will of Edwin G. Vail of Dutchess County the income to be expended in the aid of needy students from Dutchess County who may in the annual examination therefor succeed in winning a State Tuition Scholarship in the University \$10,000.00

John Knickerbacker Fund. Gift of John Knickerbacker, 1887, to provide financial aid to students in Cornell University who lack means for adequate support; who have good minds, healthy and strong bodies, good moral character, sound moral opinions and beliefs; who are earnest and persevering workers; and who come from parents born in the United States and known to be or to have been good citizens \$25,200.00

Theodore Gilbert Hubbard Memorial Fund. Gift of Mrs. Caroline W. Hubbard for the use of needy students. Established 1921 \$2,000.00

Robert Critchlow Dewar Loan Fund for Students in Civil Engineering. Joint gift of the Cornell Society of Civil Engineers and Mrs. James Dewar in memory of her son, a member of the Class of 1909, who died on May 20, 1914. Established 1914 \$694.37

Hunter Loan Fund for Young Women. Gift under the will of George W. Jones as a permanent fund to be loaned to young women students of the University who may be deemed worthy of such aid by its Board of Trustees. . . . \$11,151.90

PUBLICATIONS

Cornell University. Agricultural Experiment Station. Memoirs. No. 1-52. 1913-22.

The Memoirs consist of the more technical bulletins of the Federal Experiment Station at Cornell University.

Cornell University. Library.

Catalogue of the historical library of Andrew Dickson White, Parts 1-2.

Catalogue and supplement of the Dante collection presented by Willard Fiske.

Catalogue of the Petrarch collection bequeathed by Willard Fiske.

Catalogue of the Icelandic collection bequeathed by Willard Fiske.

Catalogue of Runic literature, forming a part of the Icelandic collection bequeathed by Willard Fiske.

Islandica. v. 1-14. 1908-22. An annual relating to Iceland and to the Fiske Icelandic collection in the Cornell University Library.

Cornell University Medical Bulletin. v. 1-11. 1911-22.

Cornell University. Medical College. Publications. 1901-22.

The Bulletin and Publications contain studies from the various departments of the Medical College.

Cornell University. Official Publication. v. 1-13. 1910-22.

Issued monthly from July through November, and semi-monthly from December through June. It includes the annual Register, the Annual Report of the President, the announcements of the various colleges, the General Circular of Information, and various departmental and other announcements. The Secretary of the University is the University Publisher.

Cornell Studies in Classical Philology. v. 1-20. 1887-1917.

Cornell Studies in English. No. 1-5. 1916-1920.

This series is edited by Professors Joseph Q. Adams, Clark S. Northup, and Martin W. Sampson.

Cornell Studies in Philosophy. v. 1-12. 1900-20.

This series of monographs is issued under the editorial supervision of the professors of philosophy in the Sage School of Philosophy.

Journal of Physical Chemistry. v. 1-26, No. 6. 1896-1922.

Published monthly during the academic year by Wilder D. Bancroft, Professor of Physical Chemistry.

Philosophical Review. v. 1-31, No. 4. 1892-1922.

A bi-monthly journal edited by James E. Creighton, Sage Professor of Logic and Metaphysics in the Sage School of Philosophy.

THE ALUMNI

The central office of the alumni at Cornell University is that of the Alumni Representative. That office was created by the Trustees of Cornell University on June 22, 1920, in confirmation of a request contained in identical resolutions presented by the Associate Alumni of Cornell University, the Cornell Association of Class Secretaries, and the Cornellian Council. The Alumni Representative is appointed by the Trustees on the nomination of the presidents and of those three organizations of alumni. Hereports to and is under the direction of a committee of five, composed of three persons representing the three organizations respectively and two trustees who are alumni. The primary duty of the Alumni Representative is the development of the relations between the University and the alumni. The position is at present held by Foster M. Coffin '12. His office is in Room 31, Morrill Hall, Ithaca. The directing committee is Romeyn Berry '04, for the Associate Alumni; Walter P. Cooke '91, for the Cornellian Council; John H. Comstock '74, for the Association of Class Secretaries, and Ira A. Place '81, and J. DuPratt White '90, for the Board of Trustees.

THE ASSOCIATE ALUMNI

Few alumni realize that the Associate Alumni of Cornell University was the first of all the various Cornell clubs and associations established. Born in the early years of the University, it has been for nearly fifty years the only general and national Cornell alumni association.

The Associate Alumni automatically includes in its membership all the thirty thousand students who have attended Cornell, graduates and non-graduates. Its membership also includes all the active Cornell clubs scattered throughout the world. Essentially it is "The Alumni Association," the entire body of former students of the University. Although one of its chief obligations is the election of two trustees each year, its field is everything that concerns the University in any manner.

By the charter of the University the graduates are entitled to elect two members of the Board of Trustees each year. At a meeting called for the purpose and held on June 26, 1872, the day preceding the annual Commencement, representatives of all the classes graduated being present, the alumni formed the organization under the name of the Associate Alumni of Cornell University. The declared object of the association was to promote in every proper way the interests of the University and to foster among the graduates a sentiment of regard for each other and of attachment to their Alma Mater. On May 19, 1903, the association was incorporated under the general laws of the State of New York.

By an amendment to the charter of the University, passed May 15, 1883, permitting members of the alumni, not present in person, to vote by written ballot at the annual election of trustees, the Treasurer of the University is required to keep "a registry of the signature and address of each alumnus." It is therefore important that each alumnus keep the Treasurer of the University informed of his full address (city, street, and number), and notify him immediately of any change.

The following ordinance was adopted by the Board of Trustees, October 24, 1888. "All graduates of the first degree, in any of the departments of Cornell University, and all persons who have been admitted to any degree higher than the first in said University, shall be alumni of said University, and, as such, be entitled to vote for alumni trustees under and in pursuance of the provisions contained in chapter 763 of the Laws of New York, passed in 1867."

Although the Associate Alumni includes within its membership every former student of the University, the backbone of the association is the local alumni club. It is largely supported by the clubs through an assessment on them of a certain sum each year for each resident member. The amount of this sum, established by the board of directors of the Associate Alumni, has usually been twenty-five cents a member.

The Associate Alumni has held two conventions, in Cleveland in May, 1921, and in Chicago in April, 1922. The success of these meetings was such as to gain the unanimous decision to hold annual conventions; in the future these conventions will be held in the fall. The Cornellians in Pittsburgh will be the hosts for the next convention to be held October 13 and 14, 1922.

The officers of the Associate Alumni for the year 1922-23 are: President, Thomas Fleming, jr., '05; Vice-Presidents, Dr. Mary M. Crawford '04, and Nicholas J. Weldgen '05; Secretary, Foster M. Coffin '12, 31 Morrill Hall, Ithaca; Treasurer, William W. Macon '08.

The Board of Directors consists of the officers and Hamilton B. Bole '11, Edmund P. Dandridge '05, William H. Forbes '06, Benjamin O. Frick '02, Miss Eleanor Gleason '03, Robert C. Hargreaves '09, Joseph P. Harris '01, Arthur L. Jones '06, Alfred W. Mellows '06, Edwin N. Sanderson '87, Edwin E. Sheridan '11, Barrett Smith '04, Winthrop Taylor '07, Anton Vonnegut '05, and Ezra B. Whitman '01. Directors ex officio are Andrew J. Whinery '10, president of the Cornell Association of Class Secretaries, and J. DuPratt White '90, president of the Cornellian Council.

There are many local Cornell clubs and associations in America and other countries. Information about them may be obtained from the Secretary of the Associate Alumni.

THE CORNELL ASSOCIATION OF CLASS SECRETARIES

The Cornell Association of Class Secretaries was organized in 1905. Its object is to see that proper and uniform statistics of each class are kept; that the regular class reunions are organized in a way to secure the greatest attendance from their members; to stimulate the work of the secretaries by proper co-operation; to secure a greater unity of action and feeling in the various classes and in the alumni body as a whole. The active membership consists of the class secretaries.

The officers of the association for 1922-23 are: President, Andrew J. Whinery '10; Vice-President, Charles D. Bostwick '92; Treasurer, Clark S. Northup '93; Secretary, Foster M. Coffin '12, 31 Morrill Hall, Ithaca. The secretary of the association is the custodian of the list of the names and addresses of the several class secretaries.

THE CORNELLIAN COUNCIL

The Cornellian Council was founded in 1908 to stimulate alumni interest in the financial support of Cornell University. Its membership is made up of one representative from each of the classes graduated, thirty members at large elected by the Council, and an indefinite number of honorary members.

All subscriptions obtained by the Cornellian Council, as soon as paid, are turned over to the Treasurer of the University and are set aside in a special fund known as the Alumni Fund. At the end of each fiscal year the Trustees, upon the recommendation of the Cornellian Council, appropriate the Alumni Fund to the most vital needs of the University.

The officers for the year 1922-23 are: President, Mr. J. DuPratt White, '90; Vice-President, Mr. George D. Crofts, '01; Executive Committee, J. DuPratt White, '90, Walter P. Cooke, '91, George D. Crofts, '01, Frank E. Gannett, '98, Raymond P. Morse, '01; Thomas Fleming, jr. '05; Hamilton B. Bole, '11; Executive Secretary, Harold Flack, '12, 32 Morrill Hall, Ithaca, N. Y. ♦

THE FEDERATION OF CORNELL WOMEN'S CLUBS

The Federation of Cornell Women's Clubs was founded June 18, 1914, for the purpose of furthering the interests of Cornell University and in particular the general interests of Cornell women. Its members are the individual members of alumnae clubs and such other Cornell women who are not affiliated with a club as may wish to pay the annual dues of fifty cents.

The officers of the federation for 1922-23 are: President, Mrs. Charles W. Curtis '88, 17 Melrose Street, Rochester, N. Y.; Vice-Presidents, Miss Emily Hickman '01, Wells College, Aurora, N. Y.; Mrs. William Vaughn Moody '76, 2970 Ellis Avenue, Chicago, Illinois; Mrs. Blin S. Cushman '96, Ithaca, N. Y.; Secretary-Treasurer, Mrs. William F. Donoghue '02, 80 Jackson Street, Rochester, N. Y.

CLASS MEMORIALS

- CLASS OF 1872 Seventy-two Elm Trees bordering President's Avenue and the northern half of East Avenue.
- CLASS OF 1873 Drinking Fountain in Front of McGraw Hall.
- CLASS OF 1878 The Class Pipe.
- CLASS OF 1879 Bronze Tablet containing bust of Bayard Taylor in Sage Chapel.
- CLASS OF 1883 Portrait of Professor William Dexter Wilson, D.D., LL.D., in The University Library.
- CLASS OF 1884 Portrait of Professor Charles Chauncey Shackford, A.M., in the University Library.
- CLASS OF 1885 Statue of Augustus Caesar in the Museum of Casts.
- CLASS OF 1886 The '86 Memorial Prize in Junior Oratory.
- CLASS OF 1890 Cornell Boat House.

- CLASS OF 1891 The '91 Memorial Fund subject to class action.
- CLASS OF 1892 The Witherbee Memorial Club House at Percy Field.
- CLASS OF 1893 The Interscholastic League Prizes in Athletics.
- CLASS OF 1894 The '94 Memorial Prize in Debate.
- CLASS OF 1895 The Henley Shell.
- CLASS OF 1896 Gift toward the establishment of a University Club.
- CLASS OF 1897 Gift toward the establishment of a University Club.
- CLASS OF 1898 Gift toward the establishment of a University Club.
- CLASS OF 1898 (College of Law) Carved oak seat in Boardman Hall.
- CLASS OF 1899 Gift toward the establishment of an Alumni Hall.
- CLASS OF 1900 Gift toward the establishment of an Alumni Hall.
- CLASS OF 1901 Gift toward the establishment of an Alumni Hall.
- CLASS OF 1902 Gift toward the establishment of an Athletic Field.
- CLASS OF 1903 Gift toward the establishment of an Athletic Field.
- CLASS OF 1903 (College of Law) Portraits of Justice Rufus W. Peckham and Joseph H. Choate.
- CLASS OF 1904 Gift toward an Endowment Fund.
- CLASS OF 1904 (College of Law) Portraits of James C. Carter and Elihu Root.
- CLASS OF 1905 Gift toward the establishment of an Alumni Hall.
- CLASS OF 1905 (College of Law) Portraits of Abraham Lincoln and Thomas M. Cooley.
- CLASS OF 1906 Gift toward an Endowment Fund.
- CLASS OF 1906 (College of Law) Portrait of Justice Joseph W. Story.
- CLASS OF 1907 Gift toward an Endowment Fund.
- CLASS OF 1907 (College of Law) Portrait of Governor Charles E. Hughes.
- CLASS OF 1908 Gate for Alumni Field.
- CLASS OF 1908 (College of Law) Oak seat in Boardman Hall.
- CLASS OF 1909 Contribution to the Alumni Fund.
- CLASS OF 1910 Contribution for a Memorial on Alumni Field.
- CLASS OF 1910 (College of Law) Portrait of James Barr Ames.
- CLASS OF 1911 Contribution to the Alumni Fund.
- CLASS OF 1911 (College of Law) Portrait of Chief Justice White.
- CLASS OF 1912 Contribution to the Alumni Fund.
- CLASS OF 1912 (College of Law) Portrait of Professor William Albert Finch.

The Class of 1913 and the succeeding classes have made their memorial gifts in the form of successive contributions to the Alumni Fund.

MEMORIAL PROFESSORSHIPS

The Sibley Professorship of Mechanic Arts: endowed by Hiram Sibley (1807-1888) of Rochester, N. Y., in 1877.

The Sage Professorships: four chairs endowed by Henry Williams Sage (1814-1897) in 1890 and named in his honor by the Trustees in 1895, namely, the Sage Professorship of Moral Philosophy, the Sage Professorship of Logic and Metaphysics, the Sage Professorship of Psychology, and the Sage Professorship of the History and Philosophy of Religion and of Christian Ethics.

The Goldwin Smith Professorships: five chairs established by the Trustees in 1912 in honor of Goldwin Smith, M.A., Oxon., (1823-1910), former professor of history and donor of the Goldwin Smith Fund, from the income of which the salaries pertaining to these chairs are to be paid; namely, the Goldwin Smith Professorships of Latin, English Literature, American History, Political Science, and English History.

The John Stambaugh Professorship of History: established and endowed by John Stambaugh, '84, of Youngstown, Ohio, in 1919.

The World War Memorial Professorships: eight chairs established by the Trustees to commemorate the services of Cornellians in the World War; one professorship in the College of Architecture, two in the College of Arts and Sciences, two in the College of Engineering, one in the Graduate School, one in the College of Law, and one in the Ithaca branch of the Medical College; established and endowed with a part of the Semi-Centennial Endowment Fund, in 1920.

The Andrew Dickson White Professorship: established by the Trustees on April 2, 1921, in recognition of the sum of \$125,000 paid to the University by a Yale alumnus, as a part of the Semi-Centennial Endowment, for the purpose of endowing a professorship.

Class of 1920 Memorial Professorship, Class of 1921 Memorial Professorship, Class of 1922 Memorial Professorship, and Class of 1923 Memorial Professorship: established by the Trustees on April 2, 1921, in recognition of the pledge, by each of the four classes named, of more than \$125,000 to the Cornell University Alumni Fund for the endowment of a professorship.

CORNELL UNIVERSITY SUMMER SESSION

OFFICERS

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
DAVID FLETCHER HOY, M.S., Registrar of the University.

ADMINISTRATIVE BOARD OF THE SUMMER SESSION

JAMES EDWIN CREIGHTON, Ph.D., LL.D., Dean of the Graduate School.
FRANK THILLY, Ph.D., LL.D., Dean of the College of Arts and Sciences.
DEXTER SIMPSON KIMBALL, M.E., Dean of the College of Engineering.

Executive Committee

ROBERT MORRIS OGDEN, Ph.D., Chairman.
BENTON SULLIVAN MONROE, Ph.D., Secretary.

*STAFF OF INSTRUCTION

ERNEST ALBEE, A.B., Ph.D., Professor of Philosophy	Philosophy
LELAND LEAVITT ATWOOD, A.B., Instructor in the Romance Languages and Literatures	French
WILLIAM CYRUS BALLARD, jr., Assistant Professor of Electrical Engineering	Music
CARL BECKER, B.Litt., Professor of Modern European History	History
CHARLES BEVERLEY BENSON, C.E., Instructor in Mechanics	Mechanics
CHARLES CLARENCE BIDWELL, Ph.D., Assistant Professor of Physics	Physics
HOMER GUY BISHOP, Ph.D., Assistant in Psychology	Psychology
ALBERT WILHELM BOESCHE, Ph.D., Professor of German	German
GEORGE HENRY BRANDES, B.Chem., Instructor in Chemistry	Chemistry
ROBERT BRAUN, Musical Director, Braun School of Music	Music
JULIAN PLEASANT BRETZ, Ph.D., Professor of American History	History
THOMAS ROLAND BRIGGS, Ph.D., Assistant Professor of Physical Chemistry and Electro-Chemistry	Chemistry
ROBERT CLARKSON BROOKS, Ph.D., Joseph Wharton Professor of Political Science, Swarthmore College	Government
JULIA E. BROUGHTON, Teacher of Piano and Theory, Little Falls, N.Y.	Music
ARTHUR WESLEY BROWNE, Ph.D., Professor of Inorganic and Analytical Chemistry	Chemistry
EARLE NELSON BURROWS, C.E., M.C.E., Assistant Professor of Bridge Engineering	Structural Engineering
HARRY CAPLAN, M.A., Instructor in Public Speaking	Public Speaking
WALTER BUCKINGHAM CARVER, Ph.D., Assistant Professor of Mathematics	Mathematics
BRUCE A. CAREY, Director of Music in Public Schools and Conductor of the Elgar Choir, Hamilton, Canada	Music
FRED ALBERT CARLSON, B.S., Instructor in Geology	Geography
GEORGE HERBERT CLARKE, M.A., Professor of English, University of the South, and Editor of the <i>Sewanee Review</i>	English
JACOB ROLAND COLLINS, M.S., Instructor in Physics	Physics
ELIZABETH COLWELL, Boston Mass.	Music
ROBERT B. COREY, B. Chem., Assistant in Chemistry	Chemistry
WALTER RODNEY CORNELL, B.S., Assistant Professor of Mechanics of Engineering	Mechanics
RALPH THOMAS KLINE CORNWELL, B.Chem., Instructor in Chemistry	Chemistry
CLYDE FIRMAN CRAIG, Ph.D., Assistant Professor of Mathematics	Mathematics
JAMES EDWIN CREIGHTON, Ph.D., LL.D., Sage Professor of Logic and Metaphysics, and Dean of the Graduate School	Philosophy

*The names of the instructors in the Summer School in Agriculture are given on p. 214

KARL M. DALLENBACH, Ph.D., Assistant Professor of Psychology	Psychology
HOLLIS ELLSWORTH DANN, Mus.D., Professor of Music	Music
ALEXANDER M. DRUMMOND, A.M., Professor of Public Speaking, Public Speaking	Public Speaking
CHARLES LOVE DURHAM, Ph.D., Professor of Latin	Latin
FLORENCE DYE, Teacher of Violin, Public Schools, Akron, O.	Music
ELLSWORTH DAVID ELSTON, A.M., Assistant Professor of Geology, Dartmouth College	Geology
DONALD ENGLISH, B.S., M.B.A., Professor of Economics and Accounting	Economics
ROY MARSHALL FISHER, A.B., Instructor in Physics	Physics
JEAN M. GÉLAS, Instructor in Physical Education, U.S. Military Academy, West Point	Swimming
ROSWELL CLIFTON GIBBS, Ph.D., Professor of Physics	Physics
DAVID CLINTON GILLESPIE, Ph.D., Assistant Professor of Mathematics	Mathematics
EVERETT WALTON GOODHUE, A.M., Acting Professor of Economics	Economics
OTHON GOEPP GUERLAC, Licencié ès lettres, Licencié en droit, Memorial Professor of the Romance Languages and Literatures	French
LUCY DUNCAN HALL, Teacher of Dalcroze Eurhythmics, Francis W. Parker School, Chicago, Illinois	Music
CLAUDE HAUSKNECHT, Supervisor of Music, Hazleton, Pa.	Music
JOHN WILLIAM HEBEL, Ph.D., Instructor in English	English
ERNEST HERMAN HESPELT, A.M., Instructor in the Romance Languages and Literatures	Spanish
EMILY HICKMAN, Ph.D., Professor of History, Wells College	History
WILLIAM H. HOERRNER, Professor of Music, Colgate University	Music
LOUIS BENJAMIN HOISINGTON, Ph.D., Instructor in Psychology	Psychology
WALTER S. HOLZBERGER, B. Chem., Hamilton, Ontario	Chemistry
HARLEY EARL HOWE, Ph.D., Assistant Professor of Physics	Physics
ERIC VAIL HOWELL, C.E., M.C.E., Instructor in Civil Engineering	Mechanics
EVERETT LEE HUNT, A.B., Assistant Professor of Public Speaking, Public Speaking	Public Speaking
HELEN ALLEN HUNT, Teacher of Singing, Boston, Mass.	Music
WALLIE ABRAHAM HURWITZ, Ph.D., Assistant Professor of Mathematics	Mathematics
JAMES MEAD HYATT, A.B., Instructor in Physics	Physics
ARTHUR EDWARD JOHNSTONE, Executive Editor, Art Publication Society	Music
CHARLES BYRON JOLLIFFE, M.S., Instructor in Physics	Physics
WALTER PAUL JONES, A.B., Instructor in English	English
RALPH HAYWARD KENISTON, Ph.D., Professor of the Romance Languages and Literatures	Spanish
EARLE HESSE KENNARD, Ph.D., Assistant Professor of Physics	Physics
HAROLD TALBOT LACEY, B.Chem., Assistant in Chemistry	Chemistry
LIDA J. LOWE, Teacher of Singing, Boston, Mass.	Music
HAROLD MARSHALL LUFKIN, A.B., S.T.B., M.I., Instructor in Mathematics	Education
GERALD R. MCCARTHY, Instructor in Geology, Williams College	Geology
ASA EMANUEL MCKINNEY, A.M., Instructor in Chemistry	Chemistry
JAMES FREDERICK MASON, A.B., Ph.D., Professor of the Romance Languages and Literatures	French
DAVID E. MATTERN, A.B., Director of School Orchestras and Instrumental Classes, Ithaca, N.Y.	Music
GEORGE J. MILLER, M.S., Teacher of Geography, State Normal School, Mankato, Minn., and Editor of the <i>Journal of Geography</i>	Geography
BENTON SULLIVAN MONROE, Ph.D., Assistant Professor of English	English
DAVID W. MOORE, Lecture Assistant in Chemistry	Chemistry
DAVID S. MORSE, A.M., Instructor in Mathematics	Mathematics
JOSIAH MORSE, Ph.D., Professor of Philosophy and Psychology, University of South Carolina	Education
GUY BROOKS MUCHMORE, A.B., Assistant Professor of Public Speaking	Public Speaking

- CARLETON CHASE MURDOCK, Ph.D., Assistant Professor of Physics Physics
 JOHN HEBERT NELSON, A.B., Instructor in English, Cornell University, English
 MELVIN L. NICHOLS, B. Chem., Instructor in Chemistry Chemistry
 CLARK SUTHERLAND NORTHUP, Ph.D., Professor of English and
 Librarian of the Hart Memorial Library English
 ROBERT MORRIS OGDEN, Ph.D., Professor of Education Education
 WILLIAM RIDGELY ORNDORFF, Ph.D., Professor of Organic and Phys-
 iological Chemistry Chemistry
 ROBERT LEE OSBURN, Director of Music, Maywood, Illinois Music
 FREDERICK WILLIAM OWENS, Ph.D., Assistant Professor of Math-
 ematics Mathematics
 JAMES OWEN PERRINE, M.S., Instructor in Physics Physics
 FRANK HOWELL POLLARD, B. Chem., Assistant in Chemistry Chemistry
 MILES ALBION POND, Ph.B., Assistant Professor in Civil Engi-
 neering Descriptive Geometry
 PAUL RUSSEL POPE, Ph.D., Professor of German German
 HILLEL PORITSKY, A.B., Instructor in Mathematics Mathematics
 JAMES T. QUARLES, University Organist and Assistant Professor
 of Music Music
 HOMER FRANKLIN REBERT, A.M. Latin
 FRANK WALTER REED, Ph.D., Instructor in Mathematics Mathematics
 ERNEST WILLIAM RETTGER, Ph.D., Assistant Professor of Applied
 Mechanics Mechanics
 ARTHUR JOHN RIDER, M.S., Instructor in Chemistry Chemistry
 GUILLERMO RIVERA, M.A., Instructor in Spanish, Harvard University
 Spanish
 LOUIS A. ROUX, A.B., Head of the French Department, Newark
 Academy French
 WILLIAM CARL RUEDIGER, Ph.D., Professor of Education and Dean of
 the Teachers College, George Washington University Education
 BLANCHE RUMBLEY, Director of Music, Sterling, Colorado Music
 MARTIN WRIGHT SAMPSON, M.A., Goldwin Smith Professor of English
 Literature English
 CLARA FRANCES SANDFORD, Supervisor of Music, St. Joseph, Mo. Music
 GERTRUDE SCHMIDT, Supervisor of Music, Monessen, Pa. Music
 NATHANIEL SCHMIDT, A.M., Professor of Semitic Languages and Liter-
 atures, and of Oriental History History
 FRANCIS ROBERT SHARPE, Ph.D., Professor of Mathematics Mathematics
 LUIS N. SHERWELL, Teacher of Spanish, Stuyvesant High School, New
 York City Spanish
 VIRGIL SNYDER, Ph.D., Professor of Mathematics Mathematics
 RUTH ANITA ST. JOHN, Assistant in Geology Geology
 WILLIAM STRUNK, jr., Ph.D., Professor of English English
 B. F. STUBER, Director of Instrumental Music, Public Schools, Akron, Ohio, Music
 FREDERICK GEORGE SWITZER, M.E., Assistant Professor of Hydraulics, Mechanics
 FRANK THILLY, Ph.D., LL.D., Professor of Philosophy and Dean of the
 College of Arts and Sciences Philosophy
 LEWIS G. THOMAS, Teacher of Piano and Theory, St. Louis, Mo. Music
 EDWARD BRADFORD TITCHENER, Ph.D., LL.D., D.Sc., Litt.D. Sage Pro-
 fessor of Psychology in the Graduate School, Lecturer in Psy-
 chology Psychology
 MABEL ELLSWORTH TODD, Lecturer, Boston, Mass. Music
 CLARENCE ELLSWORTH TOWNSEND, M.E., Assistant Professor of Machine
 Design Mechanical Drawing
 LEONARD CHURCH URQUHART, C.E., Assistant Professor of Civil Engi-
 neering Structural Engineering
 LILLIAN VANDEVERE, Philadelphia, Pa. Music
 HARRY SCHULTZ VANDIVER, Instructor in Mathematics Mathematics
 JAMES RAYMOND WADSWORTH, A.B., Instructor in the Romance Lan-
 guages and Literatures French

SETH WAKEMAN, M.A., Instructor in Education	Education
GLADYS WASHBURN, Oakland, California	Music
JOHN LEROY WEBER, C.E., Assistant Professor of Hydraulics	Hydraulics
ALBERT EDWARD WELLS, Professor of Machine Construction, Machine Shop Work	
BERNICE WHITE, Instructor in Music, Hunter College	Music
FRANK ERNEST WILLIAMS, Assistant Professor of Geography and Industry, Wharton School, University of Pennsylvania	Geography
SUDIE L. WILLIAMS, Supervisor of Music, Dallas, Texas	Music
E. JANE WISENALL, Teacher of Harmony and Choral Music, Woodward High School, Cincinnati, Ohio	Music
BLANCHE WOODY, Supervisor of Music, Anderson, Indiana	Music
EDWIN H. ZEYDEL, Ph.D., Linguist, Carnegie Institution, Washington	German

ADMISSION AND TUITION

There are no academic requirements for admission to the Summer Session except in the case of the College of Agriculture.

Teachers, supervisors, superintendents, extension workers, and others concerned with activities of an educational nature are admitted to Summer Session courses in the College of Agriculture regardless of previous academic preparation; others are admitted only on the submission of evidence of having satisfactorily completed at least two years of work in Cornell University or some other institution of equal standing.

Each student in the Summer Session must satisfy the instructor in charge of a course (unless it is elementary) that he is qualified to undertake the work of the course.

Credit toward an undergraduate degree may be obtained by students regularly registered in one of the colleges of Cornell University. For credit toward the degree A.B., see p. 92; for credit toward other undergraduate degrees see the announcements of the respective courses in the Summer Session.

Students of the Summer Session who are not matriculated in the University may receive certificates of attendance and of work satisfactorily performed.

For the conditions under which graduate work may be pursued during the Summer Session, see p. 58.

The tuition for the Summer Session of 1921 was \$40. Tuition is free to students from New York State if all their work is in subjects taught in the College of Agriculture; if any of their work is outside of the College of Agriculture, they must pay the regular tuition fee.

The residential halls, the libraries, and the infirmary are open during the Summer Session.

COURSES OF INSTRUCTION

Courses in brackets were not given in 1921.

CHEMISTRY

S 1. **Introductory Inorganic Chemistry.** (a) Lectures. Professor BROWNE and Mr. MOORE. (b) Laboratory. Mr. MCKINNEY and Mr. COREY. (c) Recitations. Mr. MCKINNEY. Credit for a, b, and c. six hours.

S 5. **Analytical Chemistry for Engineers.** Credit three hours. Prerequisite course 1. Mr. RIDER.

S 6. **Elementary Qualitative and Quantitative Analysis.** This course is divided into two parts, either of which may be taken without the other. Credit, two, three, or five hours.

A. **Qualitative Analysis.** Credit three hours. Mr. RIDER.

B. **Quantitative Analysis.** Credit two hours. Mr. RIDER.

Advanced work (see course S14) may be taken by students who complete this course before the close of the session.

S 7. **Qualitative Analysis.** Credit, one to six hours. Mr. RIDER.

S 12. **Quantitative Analysis.** Credit, four, five, or six hours. Mr. NICHOLS and Mr. BRANDES.

S 14. **Quantitative Analysis, Advanced Course.** Credit, one, two, three, or four hours. Mr. NICHOLS and Mr. BRANDES.

[S 16. **Electrochemical Analysis.** Credit, one hour.]

[S 19. **Qualitative and Quantitative Gas Analysis.** Credit two hours.]

[S 20. **Technical Gas Analysis.** Open to those who have taken or are taking Course S 19. Credit, two hours.]

[S 24. **Opticochemical Methods.** Credit, three hours.]

[S 25. **Opticochemical Methods.** Credit, one or more hours.]

S 30. **Organic Chemistry.** A. Credit, four to six hours. Professor ORNDORFF, Mr. CORNWELL, and Mr. LACEY. B. Credit, four to six hours. Mr. CORNWELL and Mr. LACEY.

S 31. **Organic Chemistry.** A. Credit three hours. Professor ORNDORFF and Mr. LACEY. B. Credit, three hours. Mr. CORNWELL and Mr. LACEY.

S 32. **Organic Chemistry, Shorter Course.** Credit, six hours. Professor ORNDORFF, Mr. CORNWELL and Mr. LACEY.

S 34. **Advanced Organic Chemistry.** Credit, two or more hours. Professor ORNDORFF, Mr. CORNWELL, and Mr. LACEY.

S 37. **Methods of Organic Analysis.** Credit, two or more hours. Professor ORNDORFF, Mr. CORNWELL, and Mr. LACEY.

S 38. **The Coal Tar Dyestuffs.** Credit, two to four hours. Open to those who have had course 33. Professor ORNDORFF and Mr. CORNWELL.

[S 48. **Selected Topics in Advanced Inorganic Chemistry.** Credit, one hour.]

S 50. **Introductory Physical Chemistry.** A. Credit, three hours. Assistant Professor BRIGGS and Mr. POLLARD.

B. Credit, three hours. Assistant Professor BRIGGS and Mr. POLLARD.

S 51. **Physical Chemistry Laboratory.** A. Credit, three hours. Assistant Professor BRIGGS and Mr. POLLARD.

B. Credit, three hours. Assistant Professor BRIGGS and Mr. POLLARD.

S 57. **Laboratory Practice in Physical Chemistry.** Credit, one, to three hours. Assistant Professor BRIGGS and Mr. POLLARD.

[S 65. **Chemical Microscopy, Elementary.** Credit, two hours.]

[S 66. **Chemical Microscopy, Advanced.** Credit, three hours.]

S 96. **Research.** Credit, one to six hours.

For courses in agricultural chemistry see p 216.

DRAWING

S 3. **Mechanical Drawing for Secondary Schools.** Assistant Professor TOWNSEND.

S 4. **Mechanical Drawing.** Assistant Professor TOWNSEND.

S 5. **Machine Sketching and Drawing.** Assistant Professor TOWNSEND.

S 6. **Descriptive Geometry.** Assistant Professor POND.

ECONOMICS

S 1. **Principles of Economics.** Credit, four hours. Professor GOODHUE.

S 2. **Elements of Accounting.** Credit, two hours. Professor ENGLISH.

S 3. **Corporation Finance.** Credit, two hours. Professor ENGLISH.

S 4. **Modern Banking Systems.** Credit, two hours. Professor GOODHUE. For advanced students only.

EDUCATION

S 1. **Educational Psychology.** Credit, two hours. Professor OGDEN.

S 2. **Principles of Education.** Credit, two hours. Professor RUEDIGER.

S 3. **History of Education.** Credit two hours. Professor MORSE.

S 4. **Method in Teaching.** Credit, two hours. Professor RUEDIGER.

S 7. **Mental Measurements.** Credit, three hours. Mr. WAKEMAN.

S 9. **Advanced Work in Education.** Hours and credits to be arranged. As a prerequisite for this course one of the courses S 2, S 3, or S 7, or an equivalent, is necessary. Professor OGDEN and the other members of the staff.

Training Course for Psychological Examiners

By recent legislative enactment of the State of New York, special classes for defective children must be formed whenever ten or more such cases are found in any school district. A similar law is operative in New Jersey, and like requirements are being made in other states. Not only is there a considerable consequent demand for teachers trained in the examination and instruction of defectives, but with the increasing recognition of the extent and importance of individual differences in endowment, there is increasing recognition of the usefulness of familiarity with the methods and interpretation of psychological examinations, not only for the mentally backward and subnormal, but also for the normal and supernormal, and in other fields than that of education.

To assist in meeting these various needs, the departments of Education and Psychology call special attention to courses in Introductory, Experimental, and Educational Psychology, and to the course in Mental Measurements. The latter has been expanded to give a thorough training in administration of tests, and in the evaluation and application of results. Students who wish to enter this course with a view to educational and field service, are advised to register for such additional courses in Psychology as may be helpful in providing an adequate understanding of psychological principles and methods of investigation. Advice in the selection of courses with regard to the individual needs of the student may be had by consulting Professor R. M. OGDEN, Goldwin Smith Hall 246, either in person or by letter.

ENGLISH

- S 1. Composition. Credit, two hours. Dr. HEBEL.
- S 2. Introductory Course in Literature. Credit, two hours. Dr. HEBEL.
- S 4. Advanced Composition. Credit, two hours. Professor STRUNK.
- S 5. Teachers' Course. Credit, two hours. Professor NORTHUP.
- [S 6. Nineteenth Century Poetry. Credit, two hours.]
- S 7. Nineteenth Century Poetry. Credit, two hours. Professor SAMPSON.
- [S 8. Modern Prose. Credit, two hours.]
- [S 9. History of the English Drama. Credit, two hours.]
- S 10. Shakespeare. Credit, two hours. Professor STRUNK.
- S 11. American Literature. Credit, two hours. Professor NORTHUP.
- S 12. Victorian Literature. Credit, two hours. Professor CLARKE.
- [S 13. The English Novel. Credit, two hours.]
- S 14. Modern Drama. Credit, two hours. Professor SAMPSON.
- [S 15. Dramatic Structure. Credit, two hours.]
- S 16. The English Language. Credit, two hours. Assistant Professor MONROE.
- S 17. Recent English Poetry. Credit, two hours. Professor CLARKE.
- S 18. Old English. Credit, two hours. Assistant Professor MONROE.
- [S 19. Literary Criticism. Credit, two hours.]
- Middle English Literature. For graduates only. Professor NORTHUP.
- Criticism of the Drama. Open to graduates only. Professor STRUNK.

GEOGRAPHY AND GEOLOGY

- S 1. Physical Geography. Credit, two hours. Assistant Professor WILLIAMS.
- S 2. Commercial and Industrial Geography. Credit, two hours. Mr. MILLER.
- S 3. The Teaching of Geography. Credit, two hours. Mr. MILLER.
- S 4. Mathematical Geography. Credit, two hours. Assistant Professor WILLIAMS.
- S 5. Geology. A General Introductory Course. Credit, two hours. Assistant Professor ELSTON.
- S 6. Mineral Resources. Credit, two hours. Assistant Professor ELSTON.
- S 8. Physical Geography, Laboratory Course. Credit, one hour. Mr. CARLSON.
- S 9. Geology, Laboratory Course. Credit, one hour. Mr. CARLSON.
- S 10. Geography and Geology, Field Course. This course should be elected by all those registering in Course S 1 or S 5 and is required of all those who desire entrance credit in physical geography.

Excursions 1, 2, 3, 5, 6 are required of all students in the course, and in addition for one hour's credit they must take either 10, or two of 7, 8, and 11. (See "Announcement of the Summer Session.")

GERMAN

- S 1. First Year German. Credit, four hours. Entrance credit, one unit. Professor POPE.
 - S 2. Second Year German. Credit, four hours. Entrance credit, one unit (second unit).
- Prerequisite: one year of high school German or its equivalent. Dr. ZEYDEL.
- S 3. Third Year German. Credit, four hours. Entrance credit, one unit (third unit). Prerequisite: two years of high school German or its equivalent. Professor BOESCHE.
 - S 4. Lyric and Ballad Poetry. Credit, two hours. Professor POPE.
- German Readings. Professor BOESCHE.

GOVERNMENT

- S 1. American Government. Credit, two hours. Professor BROOKS.
- S 2. American Political Parties and Party Problems. Credit, two hours. Professor BROOKS.

HISTORY

- S 1. Greek and Roman History. Professor SCHMIDT.
- S 2. Oriental History. Professor SCHMIDT.
- [S 3. Modern European History.] Not given in 1921.
- [S 4. The French Revolution.] Not given in 1921.
- S 5. Modern European History. Credit, two hours. Professor BECKER.
- S 6. The Napoleonic Era. Credit, two hours. Professor BECKER.

- S 9. **American History.** Credit, two hours. Professor BRETZ.
 S 10. **American History.** Credit, two hours. Professor BRETZ.
American History. Seminary. Consult Professor BRETZ.
 [S 11. **American History. The Period of Civil War and Reconstruction, 1846-1875.]** Not given in 1921.
 S 12. **American History.]** Not given in 1921.
 S 17. **Contemporary History.** Credit, two hours. Professor HICKMAN.

LATIN

- S 1. **The Orations of Cicero.** Credit, two hours. Mr. REBERT.
 S 2. **Elementary Latin Composition, Syntax, Pronunciation, etc.** Credit, two hours. Professor DURHAM and Mr. REBERT.
 S 3. **Advanced Latin Composition and Oral Latin.** Credit, two hours. Professor DURHAM and Mr. REBERT.
 S 4. **Tacitus: Agricola, Histories, Annals.** Credit, two hours. Professor DURHAM.

MATHEMATICS

- University credit for S1, S2, S3, S4, three hours each.
 S 1. **Solid Geometry.** Professor SHARPE and Mr. MORSE.
 S 2. **Advanced Algebra.** Professor SNYDER and Assistant Professors HURWITZ and CRAIG.
 S 3. **Trigonometry.** Professor SHARPE and Mr. MORSE.
 S 4. **Analytic Geometry.** Assistant Professor CRAIG.
 University credit for S 5, S 7 (2), five hours each.
 S 5. **Differential Calculus.** Mr. VANDIVER, DR. REED, and Assistant Professor CARVER.
 S 7 (2). **Differential and Integral Calculus.** Assistant Professor OWENS.

Advanced Courses

- S 62. **Projective Geometry.** Credit, three hours. Professor SNYDER.
 S 42. **Analysis.** Credit, three hours. Assistant Professor HURWITZ.

Reading and Research Courses

- Algebraic curves and surfaces.** Professor SNYDER.
Applied mathematics. Professor SHARPE.
Foundations of geometry and problems in synthetic geometry. Assistant Professors CARVER and OWENS.
Advanced analysis. Assistant Professor HURWITZ.
Functions of a complex variable. Assistant Professor CRAIG.

MECHANICS OF ENGINEERING

- S 20. **Mechanics.** This course is the equivalent of M 5 of Sibley College or C. E. 20 of the College of Civil Engineering. Prerequisite, integral calculus. Credit, five hours.
 S 21. **Mechanics.** This course is the equivalent of M 6 of Sibley College or C.E. 21 of the College of Civil Engineering. Prerequisite, the equivalent of S 20. Eleven recitations and two computing periods a week. Credit, five hours.

MUSIC

The courses offered by the Department of Music for the training of supervisors of music in public schools, normal schools, and colleges will be discontinued after 1921.

First year courses are designated A; Second year, B; Third year, C; Fourth year, D.

- Sight Reading—A.** Miss WOODY.
Sight Reading—B. Professor HOERRNER.
Sight Reading—C. A home-study course.
Dictation—A. Mr. OSBURN.
Dictation—B. Credit, two hours. Professor HOERRNER and Miss WHITE.
Dictation—C. Credit, two hours. Miss WISENALL.
Material and Methods—B. Miss SANFORD and Miss WHITE.
Material and Methods—C. Professor DANN.
High and Normal School Music—D. Professor DANN.
Principles and Methods of Education—D. Professor MORSE.
Practice Teaching—C. Miss SANFORD.
Practice Teaching—D. Miss WOODY.
Elementary Theory. Mr. THOMAS.
Harmony—A. Miss WISENALL.
Harmony—B. Credit two hours. Miss WISENALL.
Melody—C. Credit, two hours. Mr. JOHNSTONE.
Melody—D. Credit one hour. Mr. JOHNSTONE.
Chorus—A and B. Mr. CAREY and Mr. OSBURN.
Advanced Chorus. Professor DANN.
Conducting—C. Miss HALL.
Conducting—D. Mr. BRAUN and Mr. OSBURN.
Orchestra and Band Methods—C. Mr. MATERN.
Violin Classes. See special announcement.
Song Interpretation—B. Mr. JOHNSTONE.
Song Presentation and Repertoire—B. Mr. CAREY.
Voice Training—D. Mrs. HUNT.

- Musical Appreciation.** MISS WILLIAMS.
Community Music. (Elective). MISS SANFORD, MISS WILLIAMS, MISS WOODY, MR. BRAUN,
 Mr. CAREY, MR. MATTERN, and Professor DANN.
Posture—Breath Control—Health (Elective). MISS TODD and MISS COLWELL.
Dalcroze Eurhythmics. MISS HALL.
History of Music and Current Events—C. A home-study course.
History of Music and Current Events—D. A home study course.

Course for Directors of Instrumental Music

- Violin Class—A.** MR. STUBER and MISS DYE.
Violin Class—B. MR. MATTERN.
Advanced Violin Class. (Elective). MR. MATTERN.
Viola, Cello, and Bass. (For beginners). MR. STUBER.
Wood-Wind Instruments. MR. STUBER.
Brass and Percussion Instruments. MR. MATTERN.
Instrumental Practice Teaching. MR. MATTERN and MR. STUBER.
Orchestra and Band Methods—C. MR. MATTERN.
Orchestra Material and Conducting. MR. MATTERN.
Orchestration. MR. JOHNSTONE.
Summer Session Orchestra (Elective). MR. MATTERN.

Normal Courses in Piano Teaching

- I. Credit, four hours. MR. JOHNSTONE and MR. BRAUN.
 II. Credit, two hours. MR. JOHNSTONE and MR. BRAUN.

PHILOSOPHY

- S 1. **Philosophical Ideas in Nineteenth Century Literature.** Credit, two hours. Professor ALBEE.
 S 2. **Moral Ideas and Ideals.** Credit, two hours. Professor THILLY.
 S 3. **The Development of Modern Philosophical Thought.** Credit, two hours. Professor ALBEE.
 S 4. **Ethics.** Credit, two hours. Professor THILLY.
 S 5. **Seminary for Graduates.** Professor CREIGHTON.

PHYSICAL EDUCATION

For descriptions of courses see p. 217.

Swimming and Fencing. MR. GELAS.

PHYSICS

- S 3. **Introductory Experimental Physics.** Credit, six hours. Professor GIBBS, Assistant Professor HOWE, and MR. PERRINE.
 S 4. **Magnetism and Electricity.** Credit, two hours. MR. COLLINS.
 S 7. **General Physics.** Prerequisite Physics 2 or its equivalent and trigonometry. Credit, three hours. MR. JOLLIFFE.
 S 10. **Physical Experiments.** Credit, one hour. MR. PERRINE.
 S 11b. **Heat and Light.** Prerequisite Physics S 3 or its equivalent and the differential and integral calculus. Credit, two hours. Assistant Professor BIDWELL.
 S 14. **Physical Measurements.**
 [S 20. **Heat.**] Not given in 1921.
 S 21. **Light.** Credit, two hours. Assistant Professor HOWE.
 [S 22a. **Electricity and Magnetism.**] Not given in 1921.
 [S 22b. **Electricity and Magnetism.**] Not given in 1921.
 S 23a. **Properties of Matter.** Credit, two hours. Assistant Professor MURDOCK.
 [S 23b. **Properties of Matter.**] Not given in 1921.
 S 25. **Advanced Laboratory Practice.** This course is open to students who have had Physics S 14 (four hours of credit) or its equivalent. Credit varies with the amount of work done. MR. COLLINS and other members of the staff.
 [S 51. **Theoretical Physics.**] Not given in 1921.
 S 52. **Theoretical Physics.** Credit, two hours. Assistant Professor KENNARD.
 [S 53. **Theoretical Physics.**] Not given in 1921.
 S 75. **Special Topics for Investigation.** For further information regarding opportunities for research and investigation during the Summer of 1921 see the *Announcement of the Graduate School*.

PSYCHOLOGY

- S 1. **Psychology.** Credit, two hours. Professor TITCHENER. Assistant Professor DALL-ENBACH, DR. HOISINGTON, and DR. BISHOP.
 S 2. **Attention.** Credit, two hours. Assistant Professor DALLENBACH.
 S 3. **Memory and Learning.** Credit, two hours. DR. HOISINGTON.
 S 4. **Qualitative Laboratory.** Credit, two hours. DR. HOISINGTON and DR. BISHOP.
 S 5. **Quantitative Laboratory.** Credit, two hours. Assistant Professor DALLENBACH.
 S 6. **Experimental Problems.** Hours and credit to be arranged. Courses S 1 and S 4, or their equivalents, are prerequisites for this course. Assistant Professor DALLENBACH, DR. HOISINGTON, and DR. BISHOP.
 S 7. **Prolegomena to Systematic Psychology: Advanced Course.** This course presupposes S 1 and S 4 or their equivalents. Professor TITCHENER.

PUBLIC SPEAKING—ORAL ENGLISH

- S 1. **Public Speaking.** Credit, two hours. Mr. CAPLAN.
 S 2. **Voice Training.** Credit, one hour. Assistant Professor MUCHMORE.
 S 2a. **Advanced Voice Training and Speech Correction.** Prerequisite, S 2, or its approved equivalent, and the consent of instructor. Credit, one hour. Assistant Professor MUCHMORE.
 S 3. **Course for High School Teachers.** Credit, two hours. Assistant Professor HUNT.
 S 4. **Oral Reading.** Credit, two hours. Assistant Professor MUCHMORE.
 S 5. **The Production of School Plays.** Credit, two hours. Consent of instructor necessary for admission. Professor DRUMMOND.
 S 6. **Seminary.** For graduates. Consult Professor DRUMMOND.
 S 7. **Round Table Discussions.** No credit. Open only to students regularly registered in courses in the Department. Register with Mr. CAPLAN.
Public Speaking. Assistant Professor HUNT.

FRENCH

- S 1. **Elementary Course.** Credit, four hours. Entrance credit, one unit. Mr. ROUX.
 S 2. **Intermediate Course.** Credit four hours. Entrance credit, one unit. Prerequisite Course S 1 or its equivalent. Mr. WADSWORTH.
 S 3. **Advanced Course.** Credit, four hours. Entrance credit, one unit. Prerequisite course S 2 or its equivalent. Mr. ATWOOD.
 S 4. **Advanced Translation.** Credit, two hours. Prerequisite course S 3 or its equivalent. Mr. WADSWORTH.
 S 5. **Elementary Composition and Conversation.** Credit, two hours. Prerequisite course S 3 or its equivalent. Mr. ATWOOD.
 [S 10 **French Poetry.** Credit, two hours.] Not given in 1921.
 S 14. **Advanced Composition and Conversation.** Credit, two hours. Professor GUERLAC.
 S 17. **Contemporary French Drama.** Credit, two hours. Professor GUERLAC.
 S 19. **Oral Composition.** Credit, two hours. Professor MASON.
 S 20. **Contemporary French Literature.** Credit, two hours. Professor MASON.
 S 30. **The Teaching of French.** Credit, two hours. Mr. ROUX.
French Readings. A series of readings in French will be given by those in charge of Les Maisons Françaises daily except Saturday at 2.15 P. M. in the Drawing Room of Sage College.
French Lectures. A series of lectures in French dealing with French national life will be given by the members of the instructing staff in French on Wednesday evenings at 8 o'clock in Goldwin Smith, Room 290.
Les Maisons Françaises. The Sill Cottage and the Craig Cottage, both situated on the Campus and convenient to Sage College, have been reserved for students of French. Each house will be in charge of a French lady and there will be abundant opportunity for conversation in French. There will be also at Sage College special tables where only French will be spoken.

SPANISH

- S 1. **Elementary Course.** Credit, four hours. Entrance credit, one unit. Mr. HESPELT.
 S 2. **Intermediate Course.** Credit, four hours. Entrance credit, one unit. Mr. SHERWELL.
 S 3. **Advanced Course.** Credit, four hours. Entrance credit, one unit. Mr. RIVERA.
 S 4. **Advanced Translation.** Credit, two hours. Mr. HESPELT.
 S 5. **Elementary Composition and Conversation.** Credit, two hours. Mr. SHERWELL.
 S 7. **Advanced Composition and Conversation.** Credit, two hours. Mr. RIVERA.
 S 10. **Masterpieces of Spanish Literature.** Credit, two hours. Professor KENISTON.
 S 30. **The Teaching of Spanish.** Credit, two hours. Professor KENISTON.
Spanish Lectures and Readings. A series of lectures and readings in Spanish by members of the instructing staff will be given during the session.
Spanish Table. There will be in Prudence Risley Hall, in charge of one of the members of the instructing staff, a special table at which only Spanish will be spoken. Further opportunities for conversation will be offered through entertainments by students in the Department.

SHOP WORK

- S 7. **Pattern Making.**
 S 10. **Machine Work.** Professor WELLS.

STRUCTURAL ENGINEERING

- C. E. 270. **Structural Design and Bridge Stresses.** Credit, four hours, Prerequisite, Mechanics 20. Assistant Professor BURROWS.
 C. E. 271. **Structural Design.** Credit, three hours. Prerequisite, Mechanics 20 and first term 71. Assistant Professor BURROWS.
 C. E. 274. **Bridge Design.** Elective. Seniors and graduates. Credit, three hours. Prerequisite, course, 271. Assistant Professor BURROWS.
 C. E. 280. **Concrete Construction.** Credit, three hours. Prerequisite, courses 20 and 21. Assistant Professor URQUHART.
 C. E. 282. **Concrete Design.** Elective. Seniors and graduates. Credit, three hours. Prerequisite, course 280. Assistant Professor URQUHART.
 C. E. 283. **Reinforced Concrete Arch.** Seniors and graduates. Elective. Credit, three hours. Prerequisite, courses 20 and 21, and the first part of course 271. Assistant Professor BURROWS.

STATE COLLEGE OF AGRICULTURE

OFFICERS

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
ALBERT RUSSELL MANN, B.S.A., A.M., Dean of the College of Agriculture, Director of the Experiment Station, and Director of Extension.
GEORGE ALAN WORKS, Ph.B., M.S.A., Professor of Rural Education, in charge of the Summer School.
ROBERT PELTON SIBLEY, A.B., M.A., L.H.D., Professor and Secretary.

STAFF OF INSTRUCTION

ELSA GUERDRUM ALLEN, A.B., Assistant in Ornithology.
CORA E. BINZEL, Acting Professor of Rural Education.
HAROLD EUGENE BOTSFORD, B.S., Assistant Professor of Poultry Husbandry.
MARTHA A. BRITT, Instructor in Home Economics.
ORVILLE GILBERT BRIM, B.Ped., Ph.D., Professor of Rural Education.
FRANCES ARTIE BROOKINS, Associate Director of Costume Shop, Home Economics.
JULIAN E. BUTTERWORTH, Ph.D., Professor of Rural Education.
T. J. J. CHRISTIAN, Major, F. A., Reserve Officers' Training Corps.
GEORGE HARRIS COLLINGWOOD, A.M., Assistant Professor of Forestry.
ANNA BOTSFORD COMSTOCK, B.S., Professor of Nature Study.
LEWIS JOSEPHUS CROSS, Ph.D., Professor of Chemistry in its Relations to Agriculture.
JOHN D. DETWILER, M.A., Instructor in Entomology.
MARJORIE DUNN, Specialist in Physical Education, Public Schools, Albany, N. Y.
THEODORE HILDRETH EATON, Ph.D., Professor of Rural Education.
PAUL W. ECKLEY, B.A., Assistant, Department of Physical Education, and Freshman Coach, Cornell University.
EMERY N. FERRISS, Ph.D., Assistant Professor of Rural Education.
EMMA K. FITTS, Director of Physical Education, Girls' High School, Albany, N. Y.
A. LEAH GAUSE, Assistant in Nature Study.
HELEN CRANDALL GOODSPEED, B.S., Acting Assistant Professor of Rural Education.
ADELE LEWIS GRANT, B.S., M.A., Assistant in Botany.
MERRITT WESLEY HARPER, M.S., Professor of Animal Husbandry.
RICHARD F. HAYES, Director of Physical Education, Public Schools, White Plains, N. Y.
L. O. HEINOLD, Scout Executive, Ithaca Council.
LAURENCE S. HILL, B.S., Director of Physical Education, Public Schools, Albany, N. Y.
HUGH CECIL HUNTER, B.S.A., Assistant in Entomology.
EVERETT L. HUNT, B.A., Assistant Professor of Public Speaking.
EDMUND HUTCHINSON, B.P.E., Assistant, Department of Physical Education.
RUTH MILLIKAN JAKWAY, M.A., Instructor in Home Economics.
MACK M. JONES, B.S. in E.E., Assistant Professor of Rural Engineering, University of Missouri.
OLNEY BROWN KENT, Ph.D., Professor of Poultry Husbandry.
PAUL KRIMMEL, G.G., Supervisor of Physical Education, Public Schools, Syracuse, N. Y.
PAUL J. KRUSE, Ph.D., Professor of Rural Education.
PAUL B. LAWSON, Ph.D., Assistant Professor of Biology, University of Kansas.
EVA MAY LUSE, M.A., Head of Department of Teaching, Iowa State Teachers College.
CAROLYN BRUNDAGE MCILLROY, Director of Costume Shop.
M. S. MARKLE, Ph.D., Professor of Botany, Earlham College.
LUA ALICE MINNS, M.S. in Agr., Instructor in Floriculture.
HELEN MONSCH, M.A. Assistant Professor of Home Economics.

- WINIFRED MOSES, B.S., Assistant Professor of Home Economics.
IRENE M. MURPHY, A.B., Instructor in Physical Education.
WALTER CHRISTOPHER O'CONNELL, Instructor in Physical Education.
E. LAURENCE PALMER, Ph.D., Assistant Professor of Rural Education.
SIDNEY PARSONS, Assistant Physical Director, Brooklyn Training School, Brooklyn, N. Y.
MILES D. PIRNIE, Assistant in Ornithology.
JOSEPH PULLMAN PORTER, B.S., M.S.A., M.L.D., Extension Instructor in Landscape Art.
HAROLD A. PRATT, Instructor in Floriculture.
FRANK ELMORE RICE, Ph.D., Assistant Professor of Chemistry in its Relations to Agriculture.
LOUIS MICHAEL ROEHL, B.S., Assistant Professor of Farm Shop Work.
FLORA ROSE, B.S., M.A., Professor of Home Economics.
GEORGE H. RUSSELL, Assistant in Nature Study.
HENRY WILLIAM SCHNECK, B.S., M.S.A., Assistant Professor of Vegetable Gardening.
DORIS SCHUMAKER, B.S., Assistant Extension Professor of Home Economics.
GRACE SMITH, Instructor in Physical Education, City Grammar Schools, Rochester, N. Y.
HARRY B. SMITH, B.S., M.Pd., Special Agent, Federal Board of Vocational Education, Washington, D. C.
ROLLAND MACLAREN STEWART, Ph.D., Professor of Rural Education.
WILLIAM ALONZO STOCKING, M.S.A., Professor of Dairy Industry.
JAMES LEWIS STRAHAN, M.S., Professor of Rural Engineering.
WILLIAM PERRINE VAN WAGENEN, A.B., Student, Harvard Medical College.
ANNETTE J. WARNER, Professor of Home Economics.
GRACE L. WATERMAN, Director of Physical Education, Emma Willard School, Troy, N. Y.
CASS WARD WHITNEY, B.S., Instructor in Rural Organization.
WILFORD MURRY WILSON, M.D., Professor of Meteorology.
GEORGE ALAN WORKS, Ph.B., M.S.A., Professor of Rural Education.
ISADORE YAVITS, A.B., Assistant Director of Physical Education, Boys' High School, Albany, N. Y.

COURSES IN THE COLLEGE OF AGRICULTURE

ANIMAL HUSBANDRY

S 1. **General Elementary Course in Animal Husbandry.** Credit, four hours. Professor HARPER.

BACTERIOLOGY

S 1. **Bacteriology.** Credit, two hours. Professor STOCKING.

BIOLOGY

S 1. **General Biology.** Credit, three hours. Assistant Professor LAWSON.

BOTANY

S 1. **Elementary Botany.** Credit, three hours. Professor MARKLE. Laboratory fee, \$3.50.

S 4. **Identification, Classification, and Ecology of the Higher Plants.** Credit, two hours. Prerequisite: some training in structural botany, either previously or in connection with this course. Mrs. GRANT. Laboratory fee, \$2.50.

S 5. **Trees and Shrubs.** Credit, one hour. Prerequisite, some training in structural botany, either previously or in conjunction with this course. Professor MARKLE. Laboratory fee, \$1.50.

CHEMISTRY

S 85. **Agricultural Chemistry, General Course.** Credit, two hours. Prerequisite, Introductory Chemistry. Professor CROSS.

S 86. **Agricultural Chemistry, Introductory Laboratory Course.** Credit, two hours. Prerequisite, Chemistry 6 (qualitative and quantitative analysis), or its equivalent. Assistant Professor RICE.

S 72. **Chemistry of Foods and Food Products.** Credit, two hours. Prerequisite, Introductory Chemistry; should be preceded also by a course in Organic Chemistry. Professor CROSS.

S 102. **Chemistry of Foods, Elementary Laboratory Course.** Credit, two hours. Prerequisite, Introductory Chemistry; should be preceded also by a course in Organic Chemistry. Assistant Professor RICE.

S 103. **Chemistry of Foods and Food Products. Laboratory Course.** Credit two hours. Prerequisite, Chemistry 6 and 32 (or, preferably, Chemistry 7, 12, and 30). Assistant Professor RICE.

S 116. **Special Topics and Research.**

ENTOMOLOGY

S 4. **Elementary Morphology of Insects.** Credit, three hours. Laboratory fee, \$2.

S 5. **Elementary Systematic Entomology.** Credit, two hours. Laboratory fee, \$3.

FLORICULTURE

S 1. **Garden Flowers.** Credit, one hour. Miss MINNS.

S 2. **Indoor Flower Growing.** Credit, one hour. Mr. PRATT.

FORESTRY

S 1. **The Tree and the Forest.** Credit, one hour. Assistant Professor COLLINGWOOD.

S 2. **Forests and Forestry.** Credit, two hours. Assistant Professor COLLINGWOOD.

HOME ECONOMICS

S 3a. **Introductory Course in Foods, Part I.** Credit, five hours. Assistant Professor MOSES. Laboratory fee, \$15.

S 3b. **Introductory Course in Foods, Part II.** Credit, four hours. Prerequisite S 3a. Laboratory fee, \$15.

S 4. **Dietetics.** Credit, three hours. Professor ROSE and Assistant Professor MONSCH. Laboratory fee, \$7.50.

S 31. **Nutrition of School Children.** Credit, two hours. Prerequisite S 4 or its equivalent. Open only to students expecting to teach. Assistant Professor MONSCH. Laboratory fee, \$5.

S 50. **Lunch Room Management.** Credit, four to seven hours. Only graduates of courses in Home Economics or persons having successful practice in the management of food service for large numbers and practical knowledge of food preparation will be admitted to this course. Laboratory fee, \$10.

S 60. **Clothing and Textiles, Introductory Course.** Credit, three hours. Estimated expense, \$10 to \$12. Laboratory fee, \$3.

S 61a. **Dressmaking, Survey Course.** Credit, two hours. Prerequisite course S 60 or its equivalent. Miss HUNTER. Estimated cost of dress materials, \$10. Laboratory fee, \$3.

S 70 a. **Constructive Costume Design.** Credit, two hours. Prerequisite S 60 or its equivalent and elementary design. Miss HUNTER. Estimated expense, \$8.

S 75. **Commercial Clothing Instruction.** Credit, two to four hours. Prerequisite or parallel S 70 a. Prerequisites, courses S 60, S 61a, 101a, or the equivalent. Mrs. McILLROY and Miss BROOKINS.

S 80. **Elementary Millinery.** Credit, two hours. Prerequisite S 60 or its equivalent. Estimated cost, \$6 to \$10. Laboratory fee, \$3.

S 120 a. **Household Management.** Credit, two hours. Professor VAN RENSSELAER and others.

S 160. **Extension in Home Economics.** Credit, two hours. Prerequisite, graduation from accredited courses in Home Economics or the equivalent. Professor VAN RENSSELAER and others. Laboratory fee, \$5.

S 161. **Projects for Extension Workers in Home Economics.** Credit, two hours. Prerequisite, courses in food study, dietetics, and clothing construction. Laboratory fee, \$5.

LANDSCAPE ART

S 3. **Landscape Planning and Planting.** Credit, one hour. Mr. PORTER.

METEOROLOGY

S 1. **Meteorology and Climatology.** Credit, two hours. Professor WILSON.

S 2. **Meteorology and Climatology, Laboratory Course.** Credit, one hour. Must be accompanied by Course S 1. Professor WILSON.

NATURE STUDY

S 1. **General Nature Study.** Credit, two hours. Professor COMSTOCK, Assistant Professor PALMER, Mr. RUSSELL, Miss GAUSE.

S 2. **Elementary Science in the High School.** Credit, one hour. Assistant Professor PALMER.

S 3. **Nature Literature.** Credit, one hour. Professor COMSTOCK.

S 4. **Friends and Enemies of the Garden.** Credit, two hours. Mr. DETWILER.

S 5. **The Nature Essayists and Poets.** Credit, one hour. Professor COMSTOCK.

ORNITHOLOGY

S 1. **Ornithology.** Credit, three hours. Assistant Professor ALLEN, Mrs. ALLEN, and Mr. PIRNIE. Laboratory fee, \$2.

S 2. **Applied Ornithology.** Credit, two hours. Assistant Professor ALLEN. Laboratory fee, \$2.

PHYSICAL EDUCATION

S 1. **Hygiene.** Credit, two hours. Dr. VAN WAGENEN.

S 2. **First Year Practice.** Credit, two hours.

S 3. **Histology and Anatomy.** Credit, two hours. Mr. ECKLEY.

S 4. **School Yard Athletics.** Credit, one hour. Mr. HUTCHINSON.

Rural Education. Course S 2. See page 218.

S 12. **Second Year Practice.** Credit, two hours.

S 13. **Physiology.** Credit, one hour. Dr. VAN WAGENEN.

S 14. **Public Speaking.** Credit, two hours. Assistant Professor HUNT.

S 15. **Anatomy.** Credit, one hour. Dr. VAN WAGENEN.

S 20. **Principles and Practices of Scouting.** Credit, one hour. Mr. HEINOLD.

S 21. **Physical Diagnosis.** Credit, one hour. Dr. VAN WAGENEN.

Rural Education S 4. See page 218.

S 22. **Third Year Practice.** Credit, two hours. Gymnasium.

S 24. **Kinesiology.** Credit, one hour. Mr. HAYES.

S 29. **Method and Practice of Teaching Physical Education.** Credit, two hours. Mr. HILL.

S 30. **First Aid.** Credit, one hour. Mr. ECKLEY.

S 31. **Mechanotherapy.** Credit, one hour. Miss WATERMAN.

S 32. **Fourth Year Practice.** Credit, two hours.

Electives

S 33. **Pageantry.** Credit, one hour. Miss PARSONS.

S 35. **Swimming.**

S 36. **Equitation.** Elementary Class (Men).

S 37. **Equitation.** Riding Class (Women).

S 38. **Equitation.** Advanced Class (Men.)

S 39. **Mounted Gymnastics.** For all classes.

Major CHRISTIAN, First Sergeant JENSEN, Sergeants ANDERSON and McFARLAND and Private CAHILL of the Field Artillery Detachment, Cornell University.

ATHLETICS

(Required of candidates for the Certificate)

S 6. **Soccer.** Credit, one hour. Mr. HUTCHINSON.

S 7. **Baseball.** Credit, one hour. Mr. ECKLEY.

S 8. **Track and Field Athletics.** Credit, one hour. Miss FITTS and Mr. HAYES.

S 9. **Hockey and Tennis.** Credit, one hour. Miss WATERMAN.

S 10. **Football.** Credit, one hour. Mr. ECKLEY.

Basketball. Theory and Practice. This course is offered as part of the Third Year Practice Course, S 22. Mr. YAVITS.

- S 40. **General Course in Calisthenics and Recreation for the Classroom Teacher.** Credit, one hour.

POULTRY HUSBANDRY

- S 1. **Principles and Practice of Poultry Management.** Credit, four hours. Professor KENT. Laboratory fee, \$3.
 S 2. **Farm Poultry.** Credit, one hour. Assistant Professor BOTSFORD. Laboratory fee, \$1.
 S 3. **Feeding Practice.** Credit, one hour. Must be accompanied by course S 1 or S 2. Assistant Professor BOTSFORD. Laboratory fee, \$1.
 S 3b. **Incubating Practice.** Credit, one-half hour. Must be accompanied by course S 1 or S 2. Assistant Professor BOTSFORD. Laboratory fee, \$1.
 S 4. **Brooding Practice.** Credit, one-half hour. Must be accompanied by course S 1 or S 2. Assistant Professor BOTSFORD. Laboratory fee, \$1.
 S 5. **Marketing Practice.** Credit, one-half hour. Must be accompanied by course S 1 or S 2. Assistant Professor BOTSFORD. Laboratory fee, \$1.

RURAL EDUCATION

- S 2. **Educational Psychology.** Credit, two hours. Professors KRUSE and LUSE.
 S 4. **Principles of Teaching.** Credit, two hours. Professor STEWART.
 S 6. **Agriculture in the High School.** Credit, two or three hours. Professor STEWART.
 S 7. **Home Economics in the High School.** Credit, three hours. Acting Professor BINZEL.
 S 10. **Educational Measurement.** Credit, two hours. Professor KRUSE.
 S 14. **Teacher-Training Institutions for Teachers of Agricultural Vocations.** Credit, two hours. Professor EATON.
 S 16. **Rural Secondary Education.** Credit two hours. Assistant Professor FERRISS.
 S 17. **The Rural and Village Principalship.** Credit, two hours. Assistant Professor FERRISS.
 S 18. **State and County Educational Administration.** Credit, two hours. Professor BUTTERWORTH.
 S 19. **Administrative Problems of District and County Superintendents.** Credit, two hours. Professor BUTTERWORTH.
 S 20. **Administration and Supervision of Vocational Agriculture.** Credit, two hours. Professor WORKS.
 S 22. **Supervision of Rural Schools.** Credit, two hours. Professor LUSE.
 S 30. **Problems of Teacher-Training.** Credit, two hours. Professor BRIM.
 S 40. **Rural School and the Community.** Credit, two hours. Professor BRIM.
 S 45. **The Theory of Vocational Education.** Credit, two hours. Professor EATON.

RURAL ENGINEERING

- S 5. **Farm Mechanics.** Credit, three hours. Assistant Professor JONES.
 S 22. **Farm Engineering and Structures.** Credit, four hours. Assistant Professor STRAHAN.
 S 41. **Farm Shop Work.** Credit, one hour. Assistant Professor ROEHL.

RURAL ORGANIZATION

- S 1. **The Social Problems of Rural Communities.** Credit, two hours. Mr. WHITNEY.
 S 16. **The Place of Play in the Community.** Credit, one hour. Mr. WHITNEY.

VEGETABLE GARDENING

- S 1. **Vegetable Gardening.** Credit, three hours. Assistant Professor SCHNECK. Laboratory fee, \$2.
 S 2. **Advanced Vegetable Gardening.** Credit, one hour. Prerequisite, Course S 1. Assistant Professor SCHNECK. Laboratory fee, \$1.50.

THE FIFTY-FOURTH ANNUAL COMMENCEMENT

Wednesday, June 21, 1922

FIRST DEGREES

Bachelors of Arts

Conferred September 24, 1921

Eugene Albert Aschaffenburg
Irma Frances Barrett
William Worden Bolton
Stella DuPriest Camden
Colwell Joseph Carney
Ray Sweet Cooper
Frederick Anthony Cracco
Faust D'Ambrosi
Hazel Elizabeth Day
Sidney Wendell Edlund
Frank Harold Ellsworth
Donald Criston Fabel
Ronald Tucker Finney
Elbert Russell Fisher
Leicester Wright Fisher
David Cooley Ford
Waldemar John Gallman
George Falk Gershel

Louise Grandin
Robert Imlay
Douglas Harold Johnson
Emerson Crosby Kelly
Gerald Raleigh MacCarthy
Marcelle Penderly
Charles Stuart Perkins
John Seiberling Pflueger
Paul Hutcheson Raymer
Douglas Lee Root
Archie Donald Scheer
Jesse Donald Stark
Dorothy LeComte Stewart
Anna Marie Vogel
William Henry Von Oehsen
Frank Wadsworth jr.
Eugene Monroe Williams
Roy Hiram Workman
Laura Keane Zametkin

Conferred February 8, 1922

John Davry Adams
Stafford Bacon Beach
John King Benedict
Ming Kao Chao
Edward Harrison Cornish
Della Sara Dingle
Lillian Katherine Ellison, A.B.
Horace Harper Fritz, jr.
Nellie Frances Gill
Myron Alexander Gordon
James Francis Hickey

Richard Kohns Kaufmann
Fred Lemuel McDonald
Katherine Florence MacKay
Thomas Edward Moffitt
William Colman Murray
Dorothy Pond
Harold Mead Rawlins
Seward Marcus Smith
Irene Kathryn Trigg
Louis Wainwright Voigt
Harris Emory Wilder
Augusta Wolf

Conferred June 21, 1922

Robert Saunders Ackery
Mildred Wilhelmina Aeschbach
Henry Vincent Andrews
*Helen Gladys Anthony
Neil Atkinson
Mildred Katharine Ausman
Sidney Elliot Ayres
Arthur Sidney Baker
Donald William Baker
Harold Ballou
Alexander James Barclay
Sidney Hall Barrett, jr.
Leon Edward Bartlett
Nelda Beatrice Bashore
Edmund Francis Baxter
Willard Chrisler Beatty
Walter Joseph Becker
Aaron Benenson
William Berman
Sylvia Sybil Bernstein
Ida Bershansky
Victor August Blenkle
Elsie Bernice Blodgett
Joseph Blossom Bloss, jr.
Dorothy Goldie Blumberg

Mildred Storm Bool
Dorothy Beach Boring
Helen Taylor Branson
Mildred Elena Bretch
Knox Brittain
Edith Rhoda Brown
Henry George Brown
†Thelma Flournoy Brumfield
Alice Kyle Burchfield
Louise Helen Burden
Benjamin Burton
Harold Leland Bush
William Artman Caine
Mary Catherine Carboni
Ellsworth Jackson Carter
James Clayton Carver
Francis Lawton Casey
Melber Bowers Chambers
Helen Elise Cherouny
Elinor Agnes Close
Edna Marilla Coffin
Ira Marsop Cohen
Miriam Cohen
William Cohen
George Howard Connaughton

*With Honors in Physics.

†With Honors in Entomology.

Nelson Evans Cook
 George Cooper
 Enid Crump
 Edward Van Cleft Cushman
 David Nathaniel Dattelbaum
 Evelyn Nancy Davis
 Lester Davison
 Gilbert Henry Denton, jr.
 Joseph Kyle Dewar
 Thomas Peter Doremus
 *Eleanor McElroy Dorr
 Jerry Spires Dorsey
 Nancy Elizabeth Doss
 William Boone Douglas, jr.
 Elizabeth Ada Edsell
 Arthur Robinson Edwards
 Martha Julia Elliott
 †John James Elson
 William Thalheimer Emery
 Mildred Helen Epstein
 Walter John Farr
 Peter Thomas Farrell
 Elwood Gerard Fisherstein
 Julia Gertrude Fisherd
 William Fuchs
 Bertha Hewett Funnell
 Mitchell Tift Galbreath
 Carl Hamann Gans
 Catherine Maria Gates
 Diana Lucy Ginsberg
 George Goldowitz
 Mary Helen Gosline
 James Edward Gray
 Herman Greenberg
 Mildred Elizabeth Grim
 Louis Grossfeld
 Madeline Hilda Grosshandler
 Imogene Guion
 William Stern Gutwillig
 Ellarene Lucille D. Hainsworth
 Florence Elizabeth Hard
 Irene Elizabeth Hebel
 Mary Elizabeth Heller
 †Marvin Theodore Herrick
 James Frederic Hollister
 Grace Fannie Horowitz
 Edward Kenneth Horton
 Isabel Ruth Houck
 Helen Ilse Howell
 Abraham Aaron Jacobson
 Helen Louise Jaquish
 Sara Jacqueline Joffe
 Juanita Pearl Johns
 †Elmer Marker Johnson
 Hibbard Fisk Johnson
 Pickens Johnson
 Edwin Johnston
 Anna Gladys Jones
 Reno Victor Jones
 Aaron Karnow
 Harry Rayburn Kay
 Sidney Garner Kay
 †Delbert Ernest Keenan
 Edward Kavanagh Kennedy
 Phebe Mabel King
 Donaldson Wright Kingsley
 Helen Kinney
 Jennie Kinsey
 Lucille Elouise Knight
 Millard Robert Kreinheder
 Edna Johanna Krentz
 Beatrice Elizabeth Kretschmer
 Edwin Kreigsman
 Leola Josephine Kruger

Lucy Emma Kuehnert
 William Emil Kugeman, jr.
 William King Laidlaw
 Dorothy Clark Landgraf
 Gilmore Anthony Lardner
 Naomi Anna Larkin
 Corinne Lasater
 William Hamilton Lathrop
 Rose Hing Huen Lau
 Helen North Leary
 Marie Louise Lederer
 Phedora Floy Leet
 Dana Jackson Leffingwel
 Earle Elmer Levy
 Alda Emma Liddle
 Marjorie Emelia Lindstrom
 Merrill David Lipsky
 Dorothy Lottridge
 Louise Sirena Love
 Thomas Donald McAllister
 Margaret Jane McKelvey
 Herbert Winfield McKnight
 *Marion McMillian
 John Mathew Maloney
 Rodney Mason
 Grace Vivian Michael
 Annie Milne Millsbaugh
 ||Mary Josephine Moran
 Godfrey Morgan, jr.
 Mortimer Emmett Moriarty
 Grace Evelyn Morris
 Bernice Waitz Mundt
 Emmet James Murphy
 Mildred Imogene Noble
 Ruth Winifred Northrup
 Olive Emelyn Northup
 Carl Weddigen Olney
 Mary Alice O'Neill
 §Warner Lawrence Overton
 Helen Elizabeth Palmer
 Irving Wright Parkhurst
 Lyndon Arthur Peer
 Alfred David Peltz
 Irving Rogers Phipps
 Sydney Mortimer Pick
 Mary Pullman Porter
 Arthur Wilson Post
 Desmond Stevens Powell
 Esther Hale Powell
 Placida Coronata Powers
 Melvin George Preston
 †John Paul Pritchard
 Roberta Winchell Quick
 Bernice Isabelle Quinlivan
 ||Simha Raiva
 Zella Janet Reid
 Clarence Bennet Rhode
 Evelyn Gertrude Richmond
 Marion Burhanse Rites
 Hubert Joseph Roemer
 Frederick Charles Root
 Mildred Virginia Rowe
 Abner Joseph Rubin
 William Rubinfeld
 Edwin Colburn Ryan, jr.
 Frederick Theodore Schnatz
 Catherine Forrest Schurman
 Sarah Elizabeth Scott
 Joseph Seep, 2d.
 *Edward Baker Seligmann
 ||Henry William Seney, 2d.
 Howard Miller Shambaugh
 William Assad Shannon
 "Ernest Ray Shaw

*With Honors in Botany.

†With Honors in English.

‡With Honors in French.

°With Honors in Ancient Languages.

||With Honors in History.

§With Honors in Physics.

¶With Honors in Latin and Greek.

"With Honors in Economics.

Mildred Ethel Sherk
 *Irving Harold Sherman
 Walter Paul Sherrill
 Marion Florence Shrewsbury
 Albert William Sievers
 Henry Wallace Smeallie
 Luella Helen Smith
 Margaret Ethelwyn Smith
 †Mary Eloise Smith
 Hyman Solovay
 Otto Joseph Spahn, jr.
 Roy Clarence Spencer
 Helen Emily Stacy
 John Stanislaivaitis Staneslow
 Donald Hand Starks
 Ferdinand Steadman
 George Dewey Sullivan
 Olive Myrtle Temple
 John William Then
 Charles Kenneth Thomas
 George Hilyard Thornton
 James Bashford Trousdale
 Joseph Uttal
 Carl John Van Hall
 Ruth Stratton Van Kirk

John Isaac Vass
 Marion Elfrieda Von Beck
 Preston Allen Wade
 Mary Atkinson Walke
 Bertha Edna Wallace
 Richard Wiley Walter
 Fred William Warburton
 Elizabeth Bowlby Ward
 Rosalind Lucille Ware
 William Law Watson
 Alice Dora Weber
 Edward Horatio Weeden
 Florence Elizabeth Weidman
 Harriet Erwin Wilkes
 *William Crockett Wilkes
 *Alanson Work Willcox
 Tillie Margaret Willgerodt
 Anna Isabella Wilson
 Howard A. Wilson
 Mildred Fay Wilson
 Harold Wolff
 Jessie Elmira Wood
 Ruth Adeline Woodworth
 Miguel Zapata y Torres
 James Donald Zimmerman

Bachelors of Chemistry

Conferred September 24, 1921

Charles Walter Morse
 Oscar Myers

Charles Blackmer Rutenber
 Robert White Thomas, A.B.

Conferred February 8, 1922

Egbert Wendell Carrier
 Seymour Washington Ferris
 Warren Herbert Jones
 Frederick Robert Lang

Clark Colby Luce
 John Francis Simonds
 Paul Sleicher
 Shao Tseng Yang

Conferred June 21, 1922

Edwin William Ackerknecht
 Nicholas Bakunovitz
 Hazel Elizabeth Braman
 Clayton Morse Bullock
 Robert Emmett Burk
 Paul Andrew Chapman
 Paul Eugene Corbin
 Dean DeForest Crandell
 Joseph Irwin Culver
 William Rolland Dougan
 Raymond Herbert Fleckenstein
 John Sutliff Fonda
 Harold Ellsworth Goldsmith
 Nathan Gotthoffer
 John Fessler Haller
 Stuart Noble Hyde
 Eugene Lyon Jewett
 Harold Alden Jewett

Edward Wilson Large
 Charles Daniel Ludlum
 Gordon Randolph McCormick
 Harold Oscar Merz
 George Windsor Naylor
 Francis Albert Porter
 Felix Edward Reifschneider
 Arthur Edward Remick
 Alvin Lynam Satterthwaite
 Morris Schlissel
 Harry Julius Schnell, jr.
 Charles William Stillwell
 William Forrester Stotz
 Felix Raphael Tyroler
 Albert Edward Verbyla
 Alma Bertha Verwiebe
 William Norman Williams
 Frank Shaver Williamson

Bachelors of Laws

Conferred September 24, 1921

Oliver R. Clark, A.B.

Conferred February 8, 1922

†Charles Earl Kelley, A.B.

¶Roscoe Conklin Repp

Conferred June 21, 1922

Barton Baker
 Charles Patrick Butler, B.S.
 Isadore Jerome Cantor

William Hamil Coon
 Edward Cornblum
 Albert Mason Crampton

*With Honors in Economics.

†With Honors in Psychology.

‡As of June 22, 1905.

¶As of June 27, 1917.

Perry Benson Crane
 John Henry Dominick
 Louis Drago, A.B.
 William Hursh Farnham, A.B.
 Gethin Thomas Fowler
 Howard Nelson Francis
 James Vernon Frank
 Frank Louis Giusti
 Leonard Sanford Green
 Samuel Henry Greenbaum
 James Solomon Hays
 Lawrence Stephen Hazzard
 Arthur Stillwell Johnson
 Albert Hall Lakin
 Lester Carpenter Leonard
 Walter Lewis Miller, A.B.

Sanford Ballard Dole Wood

Earl William Murray
 William Clyde O'Brien
 Frederick Joseph O'Donnell
 Paul Eugene O'Keefe
 Winston Churchill Perry
 Herbert H. Ray
 George Henry Russell, B.S.
 John Dalzell Shaner
 John Daniel Shepard
 Ewald John Joseph Smith
 Harold Kramer Smith
 Daniel Bursk Strickler
 May Ashmore Thrope, A.B.
 Sunshine Ulman, A.B.
 Earl Charles Vedder, A.B.
 Horace Eugene Whiteside, A.B.

Bachelors of Science

Conferred September 24, 1921

Floyd Jay Aber
 Henry Burt Bosworth
 Robert Emery Britt
 Bryant Ormond Butler
 Pu Ching Cheng
 Abraham Copeland
 Leonard Knight Elmhurst
 Yefim Iosifovitch Fanaberia

Clarence Paul Hotson
 William Calfee La Rue
 Frances Ann Lathrop
 William Henry O'Connor
 Edward Larmour Rich, jr.
 Tsi Hwei Shen
 Oliver Morton Watkins
 James Edward Wilson

Conferred February 8, 1922

Burton Marshall Ashley
 Benjamin William Barkas
 Clarence Greenfield Bradt
 George Locke Carlton, A.B.
 Charles Ransom Cooley
 Esther Cornwall
 José Faustino Cuervo y Troy
 Nellie Davenport
 Rafael Miguel Davila
 Chester Coughran Davis
 Walter August Julius Ewald
 Lewis Miller French
 Edward Burr Giddings
 Edith Adelaide Goff
 Ray Lester Hahn
 Eugene Ham, jr.
 John Frederick Harriott
 Hubert Linsley Horton
 Donald Atkins Howe
 Raymond Theodore Huls
 John Bartlett Hunt

Jacob Kaufman
 Loren Sullivan Kibby
 Milton Alphonse Koehler
 Leonard Marx Areling Menaker
 Frank Bradford Mitchell
 Homer Chauncey Odell
 Richard Hall Peabody
 Olin Chester Potter
 Frank John Quinlin
 Hazel Sandford
 Francis Charles Seyfried
 Elmer Vanderzee Shear, jr.
 Marshall Grant Shultis
 William Oscar Skinner
 Tsai Chun Tang
 Katherine Alice Tobey
 Charles Ketchum Tucker
 Leland Corey Tyler
 William Steele Wadsworth
 William Christian Joachim Weiß
 Ralph Anderson Wenger

Carlos Eugene Wolfrom

Conferred June 21, 1922

Roy Adolph Allanson
 Lester Curtis Anderson
 Germain LeRoy Austin
 Charles William Backus
 Charlotte Trotter Bacon
 Andrew Grey Baldwin
 Ellery Robert Barney
 Roland Willey Bartlett
 Adrian Franklyn Blume
 Frederick Henry Bond
 Elizabeth Esther Brewster
 Kathryn Blanche Brooks
 Norman Pierson Brown
 Robert Edward Brown
 Seymour Walter Brown
 Mable Amelia Bruckner
 Ralph Wesley Brundage
 Clifford Martin Buck
 Harry Emmer Buck
 Theodore Albert Buhl
 Thomas Kenneth Bullard
 Richard Martin Burk

Irving Joslyn Call
 Charles Homer Carter
 Genevieve Cletia Chambers
 Frances Hilda Clark
 Robert Joseph Clark
 Charles Clement Congdon
 Elizabeth Content Cooley
 Roger Bailey Corbett
 James Samuel Cowan
 Raoul Faust Cowley, A.B.
 Stephen Roy Crissey
 Anna Elizabeth Cunneen
 Helen Dorothy Dates
 Joseph O'Leon Eastlack
 Sterling Howard Emerson
 Stella Reed Fahl
 Lucius Barzillai Fenton
 Carlos Estuardo Figari, B.S.
 Charles Arthur Fisher
 John Crocker Fisher, jr.
 Lewis Elmer Fitch
 John Rimer Fleming

Orlando Bailey Foote, jr.
 Wilbur Jameson Forbes
 Samuel Merrill Foster, A.B.
 Joseph Charles Gardner
 Angie Leah Gause
 Roy Delbert Gibbs
 Harriet Grosvenor Grannis
 Frances Louise Griswold
 Johan Andries Groenewald
 Donald Daniel Harkness
 Katharine Wyckoff Harris
 Mary Elizabeth Hershey
 Julia Ida Hoddick
 Harriet Emeny Hudson
 James Laying Hukill, jr.
 Henry Albert Ralph Huschke
 William Washington Ipark
 Ruth Frances Irish
 George Jackson Jennings
 Carmen May Johnson
 Benjamin Kaplan
 Claude Allen Kezer
 Hazel Letitia Kidder
 Laurence Bernard Knapp
 Walter Paul Knauss
 William Ernest Krauss
 Sarah Janette Launt
 George Price Lechler
 Cornelia Elizabeth Lerch
 Ruth Edith Lightfoote
 Harold Falkner Little
 Clara Nell Loveland
 George Quincey Lumsden
 Gertrude Mary Lynahan
 Allen Egbert McAllester
 Neil Palmer McFadzean
 James Robert Mack
 Edward Daniel McSweeney
 Solomon Maram
 Donald Emerson Marshall
 Irving Julius Martwick
 Harry Meisels
 Harold Arthur Merrill
 Sara Royce Merritt
 Arthur Kenward Mills
 Marian Katharin Minturn
 Fred Bishop Morris
 Maganti Bapi Needu

Felipe Althaus Pardo
 Martha Toscan Parrott
 Lloyd Story Passage
 Charles Gifford Peck
 Edmond Adrian Perregaux
 David Bates Perrine
 Alice Mable Phipps
 Jack Pope
 Walter Desmond Popham
 Joseph Henry Porter
 Helen Janette Potter
 Elizabeth Pratt
 Earl Allison Prentiss
 Gladys Mary Purdy
 Eleanor Rebecca Putnam
 Paul Robin
 Louise I. Royce
 Elmore Theodore Runsdorf
 Erwin Robert Rutherford
 Ruth Anita St. John
 Henry Schultheis
 Darwin Covert Smith
 Helen Davis Smith
 John Lampman Smith
 Bernard Clark Snyder
 Bayard Howe Staplin
 William Trystram Stevens, 3d.
 Dorothy Jean Stevenson
 Lewis Hubert Stratton
 James Frederick Sumner
 Elsie Marie Sweet
 Freeman Robert Swift
 Nathaniel Allen Talmage
 Maceo Augustine Thomas
 Lee Iran Towsley
 Llewellyn Vayle Turner
 Seymour Madison Vaughan
 Bertha Myrtle Vinograd
 Faye Vories
 Cornelia Smalley Walker
 Margery Laura Walters
 Theodore Mallory Warner
 Rosamond Hill Wendell
 Lydia Phylancy White
 Frank Murray Wigsten
 Elmer Benjamin Wixom
 Hazel Eunice Wright
 Louis Aylesbury Zehner

Doctors of Veterinary Medicine

Conferred February 8, 1922

Morris Giles France

Conferred June 21, 1922

Laurence Robert Bower
 John Flower Bullard
 Edward Albert Caslick
 David William Cheney
 John LaFrance
 Clarence Loope

Frank McBride
 Roswell Miller Monroe
 Mariano Rangel Montemayor
 Clarence Roger Roberts
 Otto Ruehle, jr.
 John Corydon Turner

Bachelors of Architecture

Conferred September 24, 1921

John William Ross

Conferred February 8, 1922

Louis Rounseville Chapman
 Albert Clarence Graeser

Gerald Bravo Houk
 Joseph Dill Rivers

Conferred June 21, 1922

Henry Otis Chapman, jr.
 Vincent Albert Ertman
 Katherine Bennett French

George Brokaw Howell
 Robert Arthur Mitchell
 Russell Thorn Pancoast

Bachelor of Fine Arts

Conferred June 21, 1922

Robert Collyer Washburn

Civil Engineers

Conferred September 24, 1921

Harold Watrous Bush
James Hunter Cheston
William Miller Cooper, jr.
Francis Wallin Daniels
Allerton Eddy
John Laurens Guest
Thomas Stanley Hood

Albert Joseph Hugger
Alvin Stanley Lehmann
*Charles Ellison Martin
Anton Andrew Pregler
Hagop Puzant Tevonian
Alfred Roland Wood
Norman Ross Wyckoff

Conferred February 8, 1922

Wells Hine Ashley
Shen Chu Chao
John Joseph Chavanne
Frank Ellsworth Conkling, jr.
Avery Edward Fuller
Edwin James Hoff

John Benjamin McClatchy
Thomas Charles McDermott
Robert L. Monroe
John Philip Riley
Gerald Crofoot Williams
Harold Stone Woodward

Conferred June 21, 1922

Louis Saul Amreich
Ross Stockbridge Anderson
Benajmin Franklin Cavalcante Albuquerque
Barros-Barreto
Burnett Bear
Milton Berger
George Irving Brayman
Forrest Jagger Brown
Henry Gassaway Brown, jr.
Carleton Elliott Bryant, jr.
Samuel Burns
Charles Wilson Carpenter
Samuel Judson Craighead
Edwin Clarence Cubler
Harold Jenkins Dudley
William Harold Evans
Samuel Henry Feinson
Harry Garfinkel
Robert Bayard Garra-brant
Charles Ward Gulick
Lester Triem Haldeman
James Hennigan
Julius Havelin

Harold Gordon Hunt, B.S.
Abraham Josefson
Max Kupfer
Chi Sheng Liu
Thomas Everett MacMannis
Jose Ramos Morelos
Abraham M. Morris
Paul Urban Nickerson
Raymond Coughlin Orr
Burke Patterson
Charles Edward Rauth
Alan Young Roberts
Margaret Veronica Schmidt
Frederick Otto Schreiner
George Robert Shanklin
Bernard Sterling Sines
Robert William Thompson
Joseph Chak Thoms, jr.
Frank Garland Trau
Innocent James Volpe
Li Zan Wang
Howard Erwin Whitney
Clinton Wood Wixon

Mechanical Engineers

Conferred September 24, 1921

James Henry Hudders

Conferred February 8, 1922

Joaquin Molinet, jr.

Warren Allan Stevenson

Harrison Wilbur Wellman, jr.

Conferred June 21, 1922

George Haigh Acker
Herbert Charles Anderson
Robert William Anderson
Harold Appleton Ball
Portus Baxter, jr.
Sydney George Berliner
Claude Myron Bigelow
Abram Blum
Clarence Comstock Bott
Sidney Braun
Raymond Charles Burton, A.B.
Earl Leonard Carlson
John Lewis Cass
Lan-ko Chang
Walker Lee Cisler
Carrol Bromley Clark
Philip Colegrove Clark
Robert Gregory Clark
Charles Hubert Cleary

Kenneth Watkins Cole
Leonard Beeber Colt
Frederick Samuel Conklin
Owen Shepard Cook
Herbert Guy Copp, jr.
John Mark Cowan
Rafael Mario Cowley
Roderic Baird Crane
Alfred Dangler
Wilson Shannon Dodge
Sewell Henry Downs
Albert Stanley Duncan
George Shellabarger Dunham
Leslie Noyes Duryea
Laurence Wilson Eddy
George Dewey Eidt
Eduardo Luis Enrique Elli, A.B.
Willis Henry Elwood
Haskel Epstein

*As of June 22, 1921.

Julia Fayer	Benjamin Ozaroff
Joseph Feldman	Alan Howard Page
Robert Bradley Fisher	Kuo Pao Pao
Hodgen Torrey Foster	Robert Buckingham Patch
William Eagleton Frenaye, jr.	Austin Blair Platt
William McClure Gale	Alexander Prevosto
Peter Coleman Gallivan	Walter Richard Prosch
Lewis Brown Gately	Frank Edward Rainold
Allan Ormsbee Geertz	Irving Clark Ralph
Arthur Stewart Griswold	David Santiago Ramirez y Marim
Lewis Ruffner Gwyn, jr.	John Herman Recknagel, 3d.
Charles Bertrand Hann	Louis Jerome Reed, A.B.
George Raymond Hanselman	Warren Darress Reinhard
James Bailey Harper	William George Rhodes
Harold Ray Harrington	William Frederick Rippe
Norman Spencer Harrington	Edgar Albion Rogers
George Arthur Hayner	Eugene Donald Roth
Charles Hodge Hays, jr.	Howard Eugene Salsbury
Joel Watres Healy	Howard Relyea Sherman, jr.
William Russell Heath	William Henry Shipman
Curran Winslow Henkle	Alexander Singer
William Holcombe Hill	Victor Joseph Snyder
Harry Davids Horton	Leonard Victor Spangberg
George Samuel Jackson	Robert Sheldon Stainton
Ellison Jacobstein	Raymond Terry Starr
Carl Frank John	Myron Edward Steczynski
Wilfrid McDonnell Kearns	Russell Light Suender
Durward Bellmont Kennedy	Vaughn Douglas Suiter
Theodore Franklin King, jr.	Joseph Cecil Teresczewicz
Edwin Holmes Krieg	Jay Clyde Thomas
Chao Chi Kwong	Herbert Dayton Tobey
Walter Garnett Ladd	Charles Chapman Torrance
Vivian Streeter Lawrence, jr., B. S.	James Coxey Travilla, jr.
Walter Joseph Lee	William Trethaway, jr.
William Lester Lewis	Thomas Turnbull, 3d., A.B.
Carl Valentine Linn	Richard Harold Turner
Jun Sheng Liu	Frederick William Utz
Rollin Herbert McCarthy, A.B.	Ledcreich Stuart Vance
Malcolm Rosebrook McConnell	Howard Ball Vannote, jr.
Asher Daugherty McCowen	Joseph Dwight Van Valkenburgh
Gurdon Pendleton McGavock	John Estabrook Wahl
William Benton McMillan	Alfred Bailys Walton
William Francis Mahon, jr.	Robert Alexander Wasson
Winthrop Everett Mange	Murray Goldsborough Waters
John Davenport Mayer	Benjamin Wellington Webb
Leonidas Menkin	Walter William Werring
Charles Karleton Miller	Stanley Griswold Wight
Russell John Nadherny	Victor Jackson Williams
Samuel Marsden Newton	Charles Amos Wood
Harold Villers Nielson	Harlan Valentine Wood
Frank Nitzberg	Karl Dawson Wood
Paul Duane Ostrander	Julian Laurence Woodward

ELECTRICAL ENGINEERS

Conferred February 8, 1922

Leland Halsey Hill

Harold Charles Silent

Conferred June 21, 1922

Theodore Charles Banta	John Wilbur MacKenzie
Seymour Leopold Baum	True McLean
George Mallory Bishop	Alleyne Willmott Manchee
Arthur McKinley Bladen	Richard McConnell Matson
Harold Ferdinand Bower	Marie-Thérèse Maurer
Edwin Hobart Brown	Harold Edward Miller
Edward Howard Carr	Benn Grandin Morris
Harold Fremont Carr	James Howell Mosher
Leo James Dicianni	Miles Gordon Northrop
William Littell Everitt	Hubert Hawley Race
Theodore Sumner Farley	Russell Christian Reichart
Morris Fein	Lycurgus Walton Richardson
Dudley Edwards Foster	Robert Evans Roesch
Nelson Barker Garden	Leon Bidwell Rosseau
Kenneth Gordon Gillette	Mayrant Simons
Samuel Bettle Griscom	Irving Carleton Smith, A.B.
Demetrius Wilbur Griswold	Howard Bartley Snow
Howard Lewis Harrington	Ernest Victor Strack
Monroe Herz	Francis Victor Ulrich
Frederick Stanley Kammerer	Berlyn McIntyre Werly

ADVANCED DEGREES

MASTERS OF ARTS

Conferred September 24, 1921

- Anne Nash Alford, A.B., B.L.: Literary Criticism; English Literature. Thesis: Maximizing and Minimizing in the Speeches of Books I and II of Milton's *Paradise Lost*.
- Otto Art Dearth, B.S. in Ed.: Histology and Embryology; Human Anatomy. Thesis: Late Development of the Thymus in the Cat: Nature and Significance of the Corpuscles of Hassall and Cystic Formations.
- Evelyn Holt, A.B.: Anatomy; Histology and Embryology. Thesis: The Development of the Inferior Ovary Nucleus in the Medulla Oblongata in the Human Brain Stem.
- Milton David Marx, A.B.: English Drama; Elizabethan Literature. Thesis: The First Act of the Beaumont and Fletcher Plays.
- Edna Meacham, A.B.: Experimental Physics; Theoretical Physics. Thesis: Phot-electric Phenomena in Coated-filament Audion Bulbs.
- Mary Louise Porter, Ph.B.: English; French. Thesis: The Holy Wars in Medieval and Modern English Literature.
- James Raymond Wadsworth, A.B.: French; Spanish. Thesis: Ernest Renan's Ideal of Science.

Conferred February 8, 1922

- Howard Bernhardt Adelman, A.B.: Histology and Embryology; Anatomy. Thesis: The Significance of the Prechordal Plate: An Interpretative Study.

Conferred June 21, 1922

- Leland Leavitt Atwood, A.B.: French; Spanish. Thesis: The Ideas Underlying René Bazin's Conception of the Novel.
- Dorothy Churchill Barck, A.B.: American History; Modern European History. Thesis: The Bolting Monopoly of New York City.
- Lillian Fred Brotherhood, B.S.: Botany; Geology. Thesis: A Histological Study of the Fibres of Flax.
- Stella DuPriest Camden, A.B.: American History; English Literature. Thesis: Anti-Slavery Movements in Virginia.
- Emma Evelyn Coughlin, A.B.: Ethics; History of Philosophy. Thesis: Royce's Philosophy of the Beloved Community.
- Elsie Mildred Derton, A.B.: English Literature; English Language. Thesis: Recent Tendencies in the Teaching of Composition in the High School.
- Hortense Hallock, B.S.: Literary Criticism: Old English. Thesis: A Study of Chaucer's *Criseyde*.
- Robert Hannah, A.B.: Public Speaking; Literary Criticism. Thesis: Edmund Burke, the Rhetorician.
- Floyd Hodson, A.B.: Economic Geology; Stratigraphy. Thesis: The Origin of Bedded Pennsylvanian Fire Clays in the United States.
- Chu Hsiao, A.B.: Finance, Statistics. Thesis: The Analytical Comparison of the Methods of Financing the European War.
- Mabel Mungam Hunt, A.B.: French; Philosophy. Thesis: The Poetry of Albert Samian.
- Fred Lafayette Jones, A.B.: English; Philosophy. Thesis: Robert Daborne's "The Poor Man's Comfort."
- Morris Hirsch Kahn, M.D.: Physiology; Physiological Chemistry. Thesis: A Physiologic Basis for the Tests of the Functional Capacity of the Heart.
- Raymond Mark Lamberton, B.S. in Chem.E., M.S.: Physical Chemistry, Industrial Chemistry. Thesis: The Behavior of Aluminum as Anode and its Bearing on Reversed Electrolysis.
- Anna Forbes Liddell, A.B.: Philosophy; English. Thesis: Theory of External Relations in Neo-Realism.
- Harold Marshall Lufkin, A.B., B.D.: Mathematics; Psychology. Thesis: Minimal Properties of the Isogonal Centers of a Triangle.
- Eleanor Clara McMullen, A.B.: Zoology; Comparative Pathology and Bacteriology. Thesis: Morphology of the Cardio-bronchial.
- Abraham Moss, M.D.: Physiology; Pharmacology. Thesis: Effect of the Intravenous Injection of the Active Principles of the Thyroid Gland upon Cardiac Excitability.
- Madaline Wallis Nichols, A.B.: French; Spanish. Thesis: The Renan of "La Vie de Jesus."
- Max Wayland Parrish, B.L.: Public Speaking; English. Thesis: A Study in Oratorical Prose Rhythm.
- Solomon Alhadeff Rhodes, B.S.: French; Spanish. Thesis: Early Stages of Renan's Mental Development.
- Mildred Eunice Rowe, A.B.: Education; Mathematics. Thesis: A Study of Fifty Junior High School Girls.
- Silence Rowlee, A.B.: Botany; Zoology. Thesis: A Study of Costa Rican Fungi.
- Dorothy Austin Sewell, A.B.: Histology and Embryology; Zoology. Thesis: The Developmental Origin and Innervation of the Digestive Muscle.
- Alice Louise Smith, A.B.: English Literature; English Language. Thesis: Comparison of the Dramatic Art of Euripides and Shakespeare.
- Bernard Sobol, A.B.: Economics; Philosophy. Thesis: Malthus-Ricardo Rent Controversy.
- May Ruth Yerkes, A.B.: Literary Criticism; English Language. Thesis: Dante's Influence upon Shelley.
- Helen Hawthorne Young, A.B.: History of Philosophy; Ethics. Thesis: The Conception of the Universal in the Philosophy of the New Realism.

MASTERS OF SCIENCE

Conferred September 24, 1921,

- Alfred Briggs Baird, B.S.A.: Histological Entomology; Systematic Entomology. Thesis: A Comparative Study of the Female Reproductive System in the Hymenoptera.
- Arthur Howard Hendrickson, B.S.: Pomology; Plant Physiology. Thesis: The Pollination of Several Important Commercial Varieties of Plums.
- Paul R. Merriam, A.B.: Morphology; Taxonomy. Thesis: The Morphology and Anatomy of the Flowers of the Araliaceae, Umbelliferae and Cornaceae.
- Donald Everett Richmond, A.B.: Theoretical Physics; Mathematics. Thesis: A Critical Study of the Michelson Morley Experiment with Special Reference to the Work of A. Righi.
- Austin Wertmann William Sand, B.S.: Floriculture; Landscape Art. Thesis: A Study of the Pogon Iris. Use, Botany, History, Breeding, Culture, Description.

Conferred February 8, 1922

- Bradford Noyes, jr., B.S.: Physics; Chemistry. Thesis: The Change of the Resistance of Carbon with Temperature.

Conferred June 21, 1922

- Harvey Snyder Adams, B.S.: Agricultural Economics; Farm Management. Thesis: The World Apple Markets.
- John Barnes Boyd, B.S. in Ed., B.S. in Agr.,: Rural Education; Rural Economics. Thesis: The Use of Available Data in Planning A State Course of Study in Vocational Agriculture for the High Schools of Missouri.
- Ambrose Matson Burroughs, B.S.: Pomology; Economic Entomology. Thesis: The Relation between Direction of Growth and Vigor in Grape Shoots.
- Hsi Ching Chen, B.S. in Chem.: Physical Chemistry; Industrial Chemistry. Thesis: Laboratory Latex.
- Arthur Lincoln Clark, B.S.: Limnology; Forestry. Thesis: A Study of the Ecology of a Trout Stream.
- Clarence Herschel Dagnall, B.S.: Electrical Engineering; Mathematics. Thesis: Kinematic Device for Calculations on Long Transmission Lines.
- Mulford David de Forest, A.B., B.S.: Animal Husbandry; Poultry Husbandry. Thesis: A Resumé of the Literature on Silage with a Silage Experiment.
- Raymond Charles Dikeman, B.S.: Pomology; Farm Crops. Thesis: Apple Seed Germination.
- Guillaume Christian Firket, B. Mining Eng.: Electrical Engineering; Hydraulic Engineering. Thesis: Electric Rates with Maximum Demand Charge for Inductive and Unbalanced Loads.
- James Weast Fuller, D.V.M.: Bacteriology; Small Animal Diseases. Thesis: Vaccination in the Control of Chicken-pox.
- Roy Edward Heffner, A.B., B.S. in E.E.: Electrical Engineering; Mathematics. Thesis: General Equations for the Propagation of Electric Waves along Parallel Conductors.
- Fred Schmidt Hoefler, B.S.: Industrial Engineering; Electrical Engineering. Thesis: "Reward of Labor".
- Amy Louise Hunter, A.B.: Foods and Nutrition; Histology. Thesis: Experimental Study of the Effect of Different Methods of Canning Carrots upon their Anti-scorbutic Vitamine Content.
- Ronald Glenn Knapp, B.S.: Pomology; Rural Economy. Thesis: Review of Experiments Dealing with the Culture of the American Grape.
- Walter Earl Loomis, B.S.: Vegetable Gardening; Plant Physiology. Thesis: Transplanting Studies with Vegetables.
- Paul McCorkle, A.B.: Physics; Mathematics. Thesis: Magnetostriction with Particular Reference to the Wiedemann Effect in Iron, Nickel, and Cobalt.
- Charles Henry Merchant, B.S.: Agricultural Economics; Animal Husbandry. Thesis: Economic Study of Municipal Markets in the United States.
- Joseph Schiller Nicolas, B.S.A.: Pomology; Soil Technology. Review of Some Experimental Work with the Banana.
- Abraham Poritsky, B.S.: Experimental Physics; Physical Chemistry. Thesis: A Spectrophotometric Study of Solutions of Rhodamin B in Alcohol.
- Robert Rentoul Reed, B.S.: Electric Furnace; New Method of Firing Clay. Thesis: New Form of Resistance-type Electric Furnace.
- William Homer Stacy, B.S.A.: Farm Management; Agricultural Economics. Thesis: The Economics of Pork Production.
- Venia Laota Tarris, B.S.: Systematic Entomology; Zoology. Thesis: A Revision of the Trypetidae Northeastern America.
- Reed Pelton Travis, B.S.: Dairy Industry; Organic Chemistry. Thesis: Final Solubility of Lactose in a Representative Ice Cream Mix.
- James Richard Varley, D.V.M.: Surgery; Physiology. Thesis: The Principles of Bovine Mastitis.
- Cho Wang, B.S.: Pomology; Genetics. Thesis: The Relation between Vegetative Growth and Blossoming and Fruiting in Apple Spurs.
- Van Crampton Whittemore, B.S.: Rural Education; Farm Management and Agricultural Economics. Thesis: A Study of the Development of Certain Present Dairy Practices in Western New York.

MASTERS OF SCIENCE IN AGRICULTURE

Conferred September 24, 1921

- Algeo Newell Pratt, B.S.: Pomology; Plant Physiology. Thesis: Eastern Fruit Packing Houses, Their Construction, Equipment, and Management, with a Special Reference to Co-operative Associations.

- Edward Louis Proebsting, B.S.: Pomology; Plant Physiology. Thesis: The Transmission of Vigor by Apple Stocks.
- Robert Summerby, B.S.A.: Plant Breeding; Plant Physiology. Thesis: Methods of Obtaining Accuracy in Comparative Crop Tests.
- Andrew Dillard Suttle, B.S.A., M.S.: Farm Crops; Plant Breeding. Thesis: A Study of the Difference in Percentage of Hulls of Ten Groups of Oats Adapted to New York State Conditions.

Conferred February 8, 1922

- Robert Claude Bradley, A.B., B.S.: Pomology; Poultry Husbandry. Thesis: Exports and Imports of Eggs and Egg Products as Related to the Tariff.
- Alvin Chalfont Thompson, B.S.: Vegetable Gardening; Farm Management. Thesis: The Pollination of Greenhouse Tomatoes.

Conferred June 21, 1922

- John Taylor Bregger, B.S.: Pomology; Plant Pathology. Thesis: Apple Stock Variation and its Relation to Scion Growth.
- Harold Duke Brown, B.A.: Soil Technology; Physical Chemistry. Thesis: Effect of Sulfofication on the Nitrogen of the Soil.
- Tsai-Chun Chen, B.S.: Animal Husbandry; Plant Breeding. Thesis: The Relative Efficiency of the Proteins of Barley.
- Rudolph F. Illig, jr., B.S.: Farm Management; Rural Education. Thesis: A Study of the Western New York Fruit Growers Co-operative Associations.
- Kai Tso Lau, A.B.: Floriculture; Agricultural Chemistry. Thesis: A Comparative Study of Floriculture in China and in America.
- Clarence Michal Loesell, B.S.: Rural Education; Farm Management. Thesis: Some Common Element Requirements for Prospective Teachers of Agriculture in Typical Regions for the State of Michigan.
- Richard Owen Vaughn, B.S.: Farm Management; Animal Husbandry. Thesis: Cotton Production in the United States and the Relation of Production to Price.
- Graham Eugene Wilson, B.S. in Agr.: Rural Education; Farm Management. Thesis: A Study of Agricultural Conditions in North Dakota.

MASTERS IN LANDSCAPE DESIGN

Conferred September 24, 1921

- William Shaffrath Wiedorn, B.S.: Landscape Design; Plant Materials. Thesis: The Plans for the Development of Stewart Park, Ithaca, N. Y.

Conferred June 21, 1922

- Justin Richardson Hartzog, B.S.: Landscape Design; Drawing. Thesis: A Design for a Residential Property.
- Henry Frank Roenne, B.S.: Theory of Landscape Design; Drawing and Modelling. Thesis: The Theatre Facing Heaven.

MASTERS IN FORESTRY

Conferred June 21, 1922

- William Burnet Apgar, B.S.: Forest Administration; Silviculture. Thesis: Administration of Grazing on the National Forests.
- Henry Burt Bosworth, B.S.: Forest Mensuration; Forest Management and Finance. Thesis: The Volume and Growth Studies of Trees near Ithaca.
- Felix Franco y Tolosa, B.S.F.: Forest Management; Silviculture. Thesis: Organization and Regulation of Tropical Forests with Particular Reference to British India and the Philippine Islands.
- Paul Anthony Herbert, B.S.: Forest Management; Silviculture. Thesis: Standing Timber Insurance.
- Willard Rudolph Bernard Hine, B.S.: Forest Products and Utilization; Accounting. Thesis: Pulp Mills in New York State.
- Walter Wesley Simonds, B.S.: Silviculture; Forest Management. Thesis: Natural Regeneration on Cut-over Hard Wood Lands in the Western Adirondacks.

MASTERS OF ARCHITECTURE

Conferred June 21, 1922

- John Lakin Baldrige, B.Arch.: Architectural Design; History of Architecture. Thesis: A Private Library on a Large Estate.
- Elliott Butler Mason, B.Arch.: Architectural Design; History of Architecture. Thesis: A Tower.
- Charles Morse Stotz, B.Arch.: Architectural Design, Drawing, and Modelling. Thesis: A Small Sculpture Gallery.

MASTERS OF CIVIL ENGINEERING

Conferred September 24, 1921

Tao Shu Hsia, B.C.E.: Railroad Engineering; Bridge Engineering. Thesis: A Study of Tunnel Engineering.

Conferred February 8, 1922

Tsu Yi Chen, B.S.C.E.: Bridge Engineering; Railroad Engineering. Thesis: An Investigation of Rigid Reinforced Concrete Building Frames.

Peter Pao Chao Huang, B.S.C.E.: Railroad Engineering; Industrial Organization. Thesis: Methods of Railway Development and Location in the United States, and Their Application to China.

Henry Yu, B.S.C.E.: Bridge Engineering; Railroad and Highway Engineering. Thesis: A Study of Some Minor Constructions of Concrete.

Conferred June 21, 1922

Kwai Chieng, B.S.C.E.: Railroad and Highway Engineering; Hydraulic Engineering. Thesis: A Study of Railroad Water Service.

Shi-Cheng Kang, B.S.C.E.: Bridge Engineering; Industrial Engineering. Thesis: A Study of Bridge Accidents.

Joseph Klecka, C.E.: Hydraulic Engineering; Bridge Construction. Thesis: Investigation of the Scouring Action on River Beds Caused by Water Flowing over Dams.

En-hsu Lu, B.S.C.E.: Bridge Engineering; Railroad Engineering. Thesis: Recent Progress in Foundation Constructions in America.

Sidney Wood Mosher, C.E.: Structural Engineering; Architectural Design. Thesis: Investigation of the Reinforced Concrete Truss.

Chuan Shou Shar, B.S.: Railroad Engineering; Structural Engineering. Thesis: Timber Preservation.

Ngen Lung Tsou, B.S.C.E.: Sanitary Engineering; Highway Engineering. Thesis: Comparative Study of Some Modern Sewage Disposal Works.

Pao Ling Vong, B.S.C.E.: Railroad and Highway Engineering; Hydraulic Engineering. Thesis: A Study of Methods of Grade Crossing Elimination on Railroads.

Hsun Tsai Wang, B.S.C.E.: Sanitary Engineering; Hydraulic Engineering. Thesis: Principle and Present Status of the Activated Sludge Process of Sewage Treatment.

Tsen Shih Wang, B.S.C.E.: Railroad and Highway Engineering; Industrial Engineering. Thesis: A Study of American Railroad Yards and Terminals.

MASTER OF MECHANICAL ENGINEERING

Conferred June 21, 1922

Stanley Mott-Smith, M.E.: Experimental Engineering; Power Engineering. Thesis: Combustion Characteristics of Internal Combustion Engines.

MASTERS OF ELECTRICAL ENGINEERING

Conferred September 24, 1921

Sol Joseph Rexwood Nadler, B.S., M.E.: Electricity; Industrial Organization. Thesis: The Adaptation of the Binaural Principle to the Determination of the Direction of Propagation of Electric Waves.

Conferred June 21, 1922

George Francis Bason, B.S.M.E.: Electrical Engineering; Mathematics. Thesis: Relation of Partial Linkages to the Performance of Cylindrically Ironclad Solenoids.

Kia Chu Loh, B.S.: Electrical Engineering; Alternating Currents. Thesis: A Design of a Power Plant for Shanghai, China.

Justin Raskin, M.E.: Electrical Engineering; Experimental Engineering. Thesis: The Determination of Electric Flux Distribution by Means of Conjugate Functions.

Chien-Loh Yu, B.S.E.E.: Electrical Engineering; Heat-Power Engineering. Thesis: Design of a Large Electrical Power Station for the District of Kaiting, China.

DOCTORS OF PHILOSOPHY

Conferred September 24, 1921

George Gordon Andrews, A.B., A.M.: Modern European History; American History; English History. Thesis: Mounier and the Constitution.

Louis Gottschalk, A.B., A.M.: Modern European History; Medieval History; Ancient History. Thesis: The Political Career and Theories of Jean Paul Marat.

James Spencer McHargue, B.S., M.S.: Soil Technology; Physical Chemistry; Plant Physiology. Thesis: The Role of Manganese in Soils and Plants.

Richard Alan Mordoff, B.S., A.M.: Meteorology; Farm Management; Physical Geography. Thesis: The Climate of New York State and its Relation to Agriculture.

- Walter Conrad Muenscher, A.B., A.M.: Plant Physiology; Botany; Plant Pathology. Thesis: A Study of the Effect of Transpiration on the Absorption and Movement of Salts in Plants.
- Laurence Joseph Norton, B.S.: Farm Management; Economic Theory; Rural Economy. Thesis: An Economic Study of the Production of Canning Factory Crops in New York State.
- Jacob Papish, B.S., A.M.: Inorganic Chemistry; Analytical Chemistry; Economic Geology. Thesis: Germanium.
- James Owen Perrine, A.B., M.S.: Experimental Physics; Applied Electricity; Physical Chemistry. Thesis: A Spectrographic Study of Ultra Violet Fluorescence Excited by X-Rays.
- Lowell Fitz Randolph, Ph.B.: Botany; Zoology; Plant Breeding. Thesis: A Cytological Study of Some Chlorophyll Types in Maize.
- Francis Webber Sherwood, B.S., M.S.: Organic Chemistry; Soils; Biochemistry. Thesis: Phenolsulphonphthalein and Some of its Derivatives.
- Robert Lorenzo Webster, A.B.: Economic Entomology; Plant Physiology; Organic Chemistry. Thesis: Fumigation with Hydrogen Cyanide for the Control of Pear Psylla.
- Ernest Charles Young, B.S.: Farm Management; Animal Husbandry; Political Economy. Thesis: A Study of the Movement of Farm Population.

Conferred February 8, 1922

- Leslie Ellsworth Card, B.S.: Poultry Husbandry; Farm Management; Marketing. Thesis: The Influence of Season of Hatching on Egg Production and Related Characters in White Leghorns.
- Fred Albert Carlson, B.S.: Soil Technology; Geology; Farm Crops. Thesis: Some Relations of Organic Matter in Soils.
- Francisco Mamaclay Fronda, B. Agr., M.S.: Poultry Husbandry; Animal Husbandry; Comparative Pathology and Bacteriology. Thesis: Temperature Studies in Poultry.
- Herbert Kahler, B.S.: Experimental Physics; Theoretical Physics; Mathematics. Thesis: The Crystalline Structures of Sputtered and Evaporated Metallic Films.
- Earl Albert Louder, B.S.: Inorganic Chemistry; Physical Chemistry; Organic Chemistry. Thesis: Equilibrium in Certain Binary, Ternary, and Quaternary Systems Containing One or More Volatile Components.

Conferred June 21, 1922

- William J. Baerg, A.B.: Economic Entomology; Entomology; Zoology. Thesis: Biology and Control of Some Insects on Strawberry.
- Albert Rieff Bechtel, B.S., A.M.: Taxonomic and Ecological Botany; Plant Pathology; Floriculture. Thesis: The Floral Anatomy of the Urticales.
- Joseph Adam Becker, A.B.: Experimental Physics; Theoretical Physics; Mathematics. Thesis: Effect of the Magnetic Field on the Absorption of X-Rays.
- Helen Jeanette Allen Behre, A.B.: Physiological Chemistry; Anatomy; Physiology. Thesis: On the Question of the Occurrence of Creatinine and Creatine in the Blood.
- Leland Jaynes Boardman, A.B.: Experimental Physics; Theoretical Physics; Applied Electricity. Thesis: A Study of the Exciting Power for Fluorescence of the Different Parts of the Ultra-Violet Spectrum.
- William Harold Brittain, B.S.A., M.S. in Agr.: Economic Entomology; Insect Morphology; Biology. Thesis: The Apple Sucker.
- Arthur Walker Bull, B.Chem.: Physical Chemistry; Microscopy; Industrial Engineering. Thesis: The Physical Chemistry of Dyeing.
- Stanley Ross Burlage, B.S., A.M.: Physiology; Histology; Anatomy. Thesis: Blood Pressures and Heart Rate in Girls during Adolescence.
- James McFadden Carpenter, jr., A.B., A.M.: French; Spanish; Italian. Thesis: Old Spanish Palatais.
- Leon Francis Curtiss, A.B.: Experimental Physics; Theoretical Physics; Alternating Currents. Thesis: The Effect of Temperature on the Change of Resistance of Bismuth Films in a Magnetic Field.
- Frederick Raymond Georgia, B.Chem.: Sanitary Chemistry; Agricultural Chemistry; Bacteriology. Thesis: Studies on the Culture Media Employed in the Bacteriological Examination of Water.
- Roy Lewis Gillett, B.S.: Farm Management; Economics; Soils. Thesis: A Study of Farm Labor in Seneca County, N.Y.
- Herbert Lester Gilman, D.V.M., M.S.: Veterinary Bacteriology; Veterinary Obstetrics; Vertebrate Embryology. Thesis: A Study of Some Factors Influencing the Sterility and Fertility in the Bull.
- Charles Byron Jolliffe, B.S., M.S.: Experimental Physics; Theoretical Physics; Applied Electricity. Thesis: A Study of Polarization Capacity and Resistance at Radio Frequencies.
- Frank Waldo Lathrop, B.S., M.S. in Agr.: Rural Education; Farm Management; Rural Economy. Thesis: The Principles Underlying the Distribution of and Aid to Vocational Education in Agriculture.
- Luther Campbell Lindsley, A.B.: Inorganic Chemistry; Chemical Microscopy; Agricultural Chemistry. Thesis: Some New Double Selenates.
- Mabel Florence Martin, A.B.: Psychology; Mathematics; Physiology. Thesis: Film, Surface and Bulky Colors and Their Intermediates.
- Charles Moon, B.S.C.E.: Experimental Physics; Applied Electricity; Luminescence. Thesis: An Experimental Study of the Photoelectric Conductivity and Photoelectric Polarization in Sulphur.
- Thomas Palmer Nash, jr., A.B., M.A.: Physiological Chemistry; Histology and Embryology; Physiology. Thesis: The Ammonia Content of the Blood.
- Melvin Nichols, B. Chem.: Organic Chemistry; Physical Chemistry; Analytical Chemistry. Thesis: Dinitroresorcinol as a Reagent for the Quantitative Determination of Cobalt.

- Frank Ashmore Pearson, B.S. in Agr.: Farm Management; Political Science; Agricultural Economics. Thesis: Agricultural Prices.
- Frank Howell Pollard, B.Chem.: Inorganic Chemistry; Physical Chemistry; Organic Chemistry. Thesis: The Adsorption of Carbon Monoxide and Hydrogen by Platinized Asbestos.
- Jeremiah Bascom Reeves, A.M.: The English Religious Lyric; Elizabethan Literature; Eighteenth Century Literature. Thesis: A Study of English Hymnody.
- Gerald DeWitt Sanders, A.B., A.M.: English Literature; English Language; Dramatic Structure. Thesis: The Works of Mrs. Gaskell.
- Katherine Lillis Slingerland, A.B., A.M.: Insect Morphology; Zoology; Embryology. Thesis: Adipose Tissue in Insects.
- Fred Manning Smith, A.B., A.M.: English Language; Old English; Germanic Philology. Thesis: Lancelot of the Laik and the Kings Quair.
- Kuo-Feng Sun, B.S., M.S.: Applied Electricity; Electrical Engineering; Physics. Thesis: A Method of the Precise Measurement of a Capacity in Series with a High Resistance.
- Freeman Weiss, B.S.: Plant Pathology; Plant Histology; Plant Physiology. Thesis: Conditions of Infection in the Potato Wart Disease.
- Herbert August Wichelns, A.B.: English; Old English; Philosophy. Thesis: Burke's Essay on the Sublime and Beautiful.
- Chenfu Francis Wu, B.S., A.M.: Limnology; Economic Entomology; Insect Morphology. Thesis: The Morphology, Anatomy, and Embryology of Nemoura.

Doctors of Medicine

Conferred June 8, 1922, at the Twenty-Fourth Annual Commencement of the Medical College in New York City

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|----------------------------------|---------------------------------|
| Otelia Josephine Bengtsson, A.B. | Callie Hamm Larrabee, A.B. |
| Albert Blau, A.B. | Joseph Milton Levine, A.B. |
| Camillo Anthony Cerchiara, A.B. | *Leon Isaac Levine, B.S. |
| Mary Elizabeth Childs, A.B. | *Edward Harry Levy, A.B. |
| *Julius Nathaniel Craig, B.S. | James Carlisle McLeod, A.B. |
| Joseph Henry Diamond, A.B. | Elizabeth Macnaughtan, A.B. |
| Dorothy Edwards, B.S. | Walter Russell Mead, A.B. |
| Jennette Evans, B.S. | Charles Stern Miller, A.B. |
| Lester Mahan Felton, B.S. | Dean Crawford Moore, A.B. |
| Abraham Fine, A.B. | Louis Jerome Morse, A.B. |
| Sidney Friedman, A.B. | Irving Newman, A.B. |
| Helen Gavin, A.M. | Paul Fordham Nugent, A.B. |
| Jacob Goeller, A.B. | Roger Sherman Palmer, A.B. |
| Harry Gold, A.B. | Rupert Albert Schrankel, A.B. |
| Kenneth Gibson Hancher, M.S. | *Ainsworth Lockhart Smith, A.B. |
| Edwin Toal Hauser, A.B. | *Carl Henry Smith, A.M. |
| Katharine Havard, A.B. | Mary Burchard Spahr, A.B. |
| Clement Alphonsus Jarka, A.B. | Charles Stahl, A.B. |
| Reuben Kayser, B.S. | *Henry Steele, A.B. |
| Michael Lake, A.B. | John Arthur Taylor, B.S. |
| Leo Paul Larkin, A.B. | Lawrence Dorland Thompson, B.S. |

Harry Vesel, A.B.

OFFICERS U. S. ARMY RESERVE CORPS

Second Lieutenants

(The Commission as 2d Lieutenant, U. S. Army, Officers' Reserve Corps is conferred by the President of the United States under the provisions of Section 49. National Defense Act of June 3d, 1916, upon the recommendation of the President of the University and the Professor of Military Science and Tactics, to such members of the graduating class as have completed the Advanced Course, Reserve Officers' Training Corps.)

Infantry

- Leo James Dicianni
Charles Arthur Fisher
Henry Albert Ralph Huschke
Ernest Victor Strack

- Edwin Kriegsmann
Irving Rogers Phipps
Alan Young Roberts

Field Artillery

- Charles Homer Carter
Frank Ellsworth Conkling, jr.
Dean De Forest Crandell
George Dewey Eidt
Robert Bayard Garbrabant
Curran Winslow Henkle
Max Kupfer

- Walter Joseph Lee
Harry Meisels
Alexander Prevosto
Elmore Theodore Rundorf
George Robert Shanklin
Joseph Uttal
Innocent James Volpe

George Haigh Acker
 Sydney George Berliner
 Abram Blum
 Sidney Braun
 Earl Leonard Carlson
 Edward Howard Carr
 Frederick Samuel Conklin
 Haskel Epstein
 Nelson Barker Garden
 Arthur Stewart Griswold

Ordinance Corps

Ellison Jacobstein
 Harold Edward Miller
 Godfrey Morgan, jr.
 Benn Grandin Morris
 Alan Howard Page
 Walter Richard Prosch
 Louis Jerome Reed
 Russell Christian Reichart
 Leon Bidwell Rosseau
 Eugene Donald Roth

Robert Sheldon Stainton

Veterinary Corps

Lawrence Robert Bower
 Edward Albert Caslick
 David William Cheney
 Clarence Leroy Loope

Frank McBride
 Roswell Miller Monroe
 Clarence Roger Roberts
 Otto Ruehle, jr.

Signal Corps

Dudley Edwards Foster

Robert Evans Roesch

WAR ALUMNI

(The certificate of War Alumnus is conferred by the Trustees, on the recommendation of the Faculty, in recognition of patriotic service. It conveys all the rights and privileges of an Alumnus of the University.)

Conferred June 21, 1922

William John Burchill
 Nelson Breese DeLavan
 Charles Keith Dickson
 Romeyn Beck Hough, jr.
 Krik Wesley Howry
 Will Brown Murphey

Robert Marcley Nevins, jr.
 Stephen Louis Nordlinger
 Albert Pierson
 Frederick Bartlett Scott, jr.
 Albert Pendleton Taliaferro, jr.
 William Horace Whittemore

PRIZES

The following were awarded by the Faculties during the academic year 1921-22:

The Woodford Prize in Oratory	Madeline Hilda Grosshandler
The Horace K. White Prizes:	
First Prize	Edward Albert Caslick
Second Prize	John Flower Bullard
The Sibley Prizes in Mechanic Arts:	
First Prize	Kenneth Warner Pfleger
Second Prize	Robert William Anderson
Third Prize	Kuo Pao Pao
Fourth Prize	David Edward Brainard
Fifth Prize	Vivian Streeter Lawrence
The Eighty-Six Memorial Prize in Declamation	Charles Mather Parker
The Barnes Shakespeare Prize	Desmond Stevens Powell
The Boardman Senior Prize Scholarship	Horace Eugene Whiteside
The Fuertes Medals:	
Graduate	Wilson Gardner Harger
Undergraduate	Frank Ellsworth Conkling, jr.
The Ninety-Four Memorial Prize in Debate	Victor Otto Wehle
The Charles Goodwin Sands Memorial Medals in Architecture:	
Second Medal	John Lakin Baldridge
"	Leslie Irving Scott
"	Henry Otis Chapman, jr.
The Clifton Beckwith Brown Memorial Medals:	
Second Medal	Henry Otis Chapman, jr.
The Corson French Prize	Delbert Ernest Keenan
The Guilford Essay Prize	Thelma Flournoy Brumfield
The Luana L. Messenger Prize	Harold Hulme
The John Metcalfe Polk Prizes:	
First Prize	Ainsworth Lockhart Smith
Second Prize	Carl Henry Smith
Third Prize	Julius Nathaniel Craig
The Whiting Prizes:	
First Prize	Carl Henry Smith
Second Prize	Charles Stahl
The Frances Sampson Fine Arts Prize	Robert Collyer Washburn

The James T. Morrison Prize	Robert Collyer Washburn Mary Goodenow Willcox
The Eastman Prizes for Public Speaking:	
First Prize	Louis Aylesbury Zehner
Second Prize	Fred Bishop Morris
The Hollingworth Honorarium:	David William Cheney
The Early English Text Society Prizes:	Walter Hoyt French May Ruth Yerkes
The Fraser Senior Prize Scholarships:	
First Prize	Paul Eugene O'Keefe
Second Prize	William Hursh Farnham
The James Gordon Bennett Prize:	John Corydon Turner
The Jane Miller Prizes:	
First Prize	Lloyd Banks Sholl
Second Prize	Aubrey Arthur Wooden
The Fuertes Memorial Prizes in Public Speaking:	
First Prize	Irwin Leslie Scott
Second Prize	Carleton Elliott Bryant, jr.
Third Prize	Roswell Charles Van Sickle
The Graduate Prize in Philosophy	Lucy Shepard Crawford
The George Chapman Caldwell Prize	Robert Emmett Burk
The Ring Memorial Prizes:	
First Prize	Herman Price Everts
Second Prize	Jacob Wessel Ten Broeck
The Stewart Prizes:	
First Prize	Roy Adolph Allanson
Second Prize	James Robert Mack
Third Prize	John Vandervort, jr.
Fourth Prize	Arnold Edward Hilbert
The J. G. White Prizes in Spanish:	
For excellence in Spanish	Harold Ballou
For excellence in English	Miguel Zapata y Torres
The Charles Lee Crandall Prizes:	
Second Prize	Carleton Elliott Bryant, jr.
The Goethe Prize	Louis Grossfeld
The Alumni Prize for Scholarship:	Philip Carman Wakely
The William M. Polk Memorial Prizes:	
First Prize	Ainsworth Lockhart Smith
Second Prize	Leon Isaac Levine
Third Prize	Edwin Toal Hauser
The Juliette MacMonnies Courant Prize	Roberta Winchell Quick

STUDENTS, 1921-22

Abbreviations: The colleges are designated in the list of students as follows: Arts and Sciences, A; Chemistry, A (Chem); Agriculture, Ag; Architecture, Ar; Fine Arts, FA; Law, L; Engineering, Eng; Civil Engineering, C; Mechanical Engineering, M; Electrical Engineering, E; Medical, MD; Veterinary, V. Graduate Students are indicated by Grad; Special Students, Sp. The number, e. g. "1922" "1923" etc., indicates the year of expected graduation.

Abbey, Charles Newell	1925	Ag	Cherry Creek
Abel, Henri Ernest, A. B.	1924	MD (N.Y.C.)	Elizabeth, N. J.
Abeloff, George	1923	A	Brooklyn
Abelson, Albert	1925	A	New York City
Aber, F. Ward	1924	Ag	Hammondsport
Abrahams, Howard Phineas	1925	Ag	Rye
Abt, David Milton, Litt.B.		Grad	New York City
Abt, Henry Edward	1925	A	Chicago, Ill.
Ach, Edward Keville	1925	Ag	Brooklyn
Acheson, Howard Archibald	1923	M	New York City
Acker, George Haigh	1922	M	Rochester
Acker, Joseph	1924	A	Poughkeepsie
Acker, Mary Marsh	1925	Ag	Rochester
Ackerknecht, Edwin William	1922	A (Chem)	Johnstown
Ackerly, Robert Saunders	1922	A	Cuba
Ackerman, Andrew	1925	Ag	Maywood, N. J.
Ackerson, Henry Ward, jr.	1923	A	Brightwaters
Ackles, Hoyt Samuel	1923	Ag	Marietta
Adams, Alfred Eugene, jr.	1924	M	Ridgewood, N. J.
Adams, Amy Warner		Sp Ag	South Wales
Adams, Asael Edward	1925	M	Youngstown, Ohio
Adams, Avalon Grant	1923	A	Newark, N. J.
Adams, Burke Dowling	1923	C	Omaha, Nebr.
Adams, Charles Doty	1924	M	Troy, Ohio
Adams, George Oliver	1923	Ag	Buffalo
Adams, Gladys Aurelia	1924	Ag	North Norwich
Adams, Grace Kinckle, A. B.		Grad	Lynchburg, Va.
Adams, Harvey Snyder, B. S.		Grad	Butler, Pa.
Adams, James Richard, B. Chem.		Grad	Utica
Adams, John Davry	1922	A	North Troy
Adams, Katharine Rogers, A.B., A.M.		Grad	Philadelphia, Pa.
Adams, Lela Sophia	1924	A	Ithaca
Adams, Ralph Roy	1923	A (Chem)	Salamanca
Addonizio, Galliano	1923	A	Newark, N. J.
Adelberg, Ruth Rose	1923	A	Cedarhurst
Adelmann, Gertrude Antoinette	1923	Ag	Buffalo
Adelmann, Howard Bernhardt, A.B., A.M.		Grad	Buffalo
Adelson, Sadye Frances	1924	Ag	New York City
Adler, Beatrice	1925	A	Far Rockaway
Adler, Charles Henry	1924	C	Lansdowne, Pa.
Adler, Joseph Harry	1925	C	Astoria
Adler, Leo	1923	M	Yonkers
Adlerblum, Cullen, B. A.	1923	MD (N.Y.C.)	New York City
Aeschbach, Mildred Wilhelmina	1922	A	Hoboken, N. J.
Agman, Alice	1924	A	New York City
Ahlstrom, Edward Theodore	1925	A	Jamestown
Aiken, Dorothy Louise	1923	Ag	Geneseo
Aiken, Hugh Kerr, jr., B.S.		Grad	Laurens, S. C.
Aiken, Robert Chalmers	1924	C	Laurens, S. C.
Aikens, John Roberts	1922	M	Pittsburgh, Pa.
Aimone, Carlo John	1925	A	Hoboken, N. J.
Ainsworth, Edward Gay, jr.	1925	A	Albany
Aird, Dorothy Bliss	1925	A	Goshen
Akabane, Seiichi	1925	M	Nakano, Tokyo-fu, Japan
Akana, Walter Ing	1922	A	Honolulu, Hawaii
Akin, Harriet Myra	1925	A	Patterson
Alama, Angelo James	1925	M	Cortland
Alberding, Charles Howard	1923	M	Clayville
Alberga, Glenn Harcourt	1924	E	Brooklyn
Albertson, Nicholas Arthur	1923	C	Atlantic City, N. J.
Albin, Archer Overton	1922	M	Lynbrook
Alcombe, Eric Adolphus	1924	Ar	Perry
Alcus, Henry, jr.	1924	C	New Orleans, La.
Aldrich, Robert Frayer	1923	A	Addison
Algeo, Elizabeth Widmayer	1923	A	Lansdale, Pa.
Allanson, Roy Adolph	1922	Ag	Ithaca
Allen, Beatrice	1925	A	Tarrytown
Allen, Charlotte Wintringham	1923	A	Poughkeepsie
Allen, Floyd Benjamin	1925	M	Elmira

Allen, Laura Catherine	1924	Ag	Clyde
Allen, Mavea Geraldine, B.S.	Grad		Ithaca
Allen, Paul William, B.S., M.S.	Grad		Champaign, Ill.
Allen, Philip Elsworth	1923	A	Pittsburgh, Pa.
Allen, Raymond Peck, A.B.	Grad		Lima
Allen, William McKinley	1924	C	Headlton, Okla.
Allison, Dorothy Wilson	1924	C	Brookline, Pa.
Allison, Stanton Tice, A. B.	1925	MD (N.Y.C.)	Bryn Mawr, Pa.
Allyn, Elizabeth Stella	1925	A	Rochester
Almy, Henry Calhoun	1922	A	Auburn
Alpert, Augusta	1923	Ag	New York City
Altschuler, William	1922	E	New York City
Alverson, Reginald Cantrell, A.B.	Grad		Spartanburg, S. C.
Amato, Madeleine Christina	1925	A	North Bergen, N. J.
Ambrose, Henry Alfred	1925	A (Chem)	Waban, Mass.
Amirikian, Arsham Paravon	1923	C	East Weymouth, Mass.
Amreich, Louis Saul	1922	C	Brooklyn
Amson, Irving	1924	E	New York City
Anderson, Charles Breckinridge, B. Pd.	Grad		Asheville, N. C.
Anderson, Duncan Ross	1922	M	Rome
Anderson, Earl Edwin	1924	E	Saugerties
Anderson, Elizabeth Armstrong	1924	A	Peekskill
Anderson, Francis Willard	1923	A (Chem)	Passaic, N. J.
Anderson, Genevieve Olcott, B. A.	Sp Ag		Yonkers
Anderson, George, jr.	1924	A	Scranton, Pa.
Anderson, Gifford	1924	E	Conewango Valley
Anderson, Grace Elva	1925	A (Chem)	Pocatello, Idaho
Anderson, Herbert Charles	1922	M	Chicago, Ill.
Anderson, John O'Hara	1923	M	Pittsburgh, Pa.
Anderson, Lester Curtis	1922	Ag	Hilton
Anderson, Lester Harry	1923	Ag	Shenandoah, Iowa
Anderson, Pearl Emogene	1924	A	Jamestown
Anderson, Robert William	1922	M	Brooklyn
Anderson, Ross Stockbridge	1922	C	Washington, D. C.
Anderson, William McOwan, jr.	1926	A	Pittsburgh, Pa.
Andrade, Joseph Barstow	1925	Ag	Honolulu, Hawaii
Andrews, Donald Holston	1923	Ag	Brooklyn
Andrews, Gordon Olney	1925	A (Chem)	Manchester, N. H.
Andrews, Henry Vincent	1922	A	Lyons
Andrews, John Paul	1923	C	Olean
Andrus, Lawrence Russell	1925	A	Nunda
Angelbeck, Henry John	1925	A	Ridgewood, N. J.
Angell, Walter Bert	1923	A	Schenectady
Angello, Anthony Frank	1924	A	Mount Vernon
Angus, DeWitt Gordon	1925	Eng	Rockville Centre
Antell, Esther	1923	A	New York City
Anthony, Helen Gladys	1922	A	Greenwich
Anthony, John K.	1923	A (Chem)	Cleveland, Ohio
Antz, Joseph Lyndon	1924	E	Fredonia
Apgar, William Burnet, B. S.	Grad		Ithaca
Applebaum, Jacob, A.B.	1923	MD (N.Y.C.)	New York City
Applebaum, Martha	1925	A	New York City
Arbuckle, James Stewart, B.S. in E. E.	Grad		Pictou, N. S., Canada
Archbold, William Cornell	1922	M	Syracuse
Archibald, Wilber Thomas	1925	Ag	Walton
Arfmann, John Henry	1924	M	Middletown
Armbrust, James Wallace	1925	A (Chem)	Saltsburg, Pa.
Armour, Frank Alexander	1925	Ag	Castle
Armstrong, Harriet Elizabeth	1923	Ag	Richmond Hill
Armstrong, Helen Sheley	1923	A	Syracuse
Armstrong, Ralph Randall	1923	M	Duluth, Minn.
Arnold, Chester Arthur	1924	Ag	Ludlowville
Arnold, Earl Lee	1923	A (Chem)	Red Creek
Arnold, Elizabeth	1925	A	New York City
Arnold, Henry	1924	Ag	Rushville
Arnold, P. T. Dix	1924	Ag	Bradentown, Fla.
Arrache-Battistini, Ramon	1924	A	Aguadilla, P. R.
Arthur, Theodore Strong	1923	M	Fort Ann
Artigas, José Antonio	1922	E	Mexico City, Mexico
Aschettini, Gilbert Carman	1925	A	Bath
Ashberry, Ray Stephens	1925	Ag	West Falls
Ashe, Benjamin Israel, B. S.	1924	MD (N.Y.C.)	Brooklyn
Ashley, Burton Marshall	1922	Ag	New Bedford, Mass.
Ashley, Carlyle Martin	1924	M	Harrisburg, Pa.
Ashley, Charles Temple	1923	M	Muskegon, Mich.
Ashley, Wells Hine	1922	C	Ashtabula, Ohio
Aten, Adrian John	1924	C	Floral Park
Atkinson, Neil	1922	A	Bayside
Atkinson, Robert Emory	1924	C	Chestertown, Md.
Atwood, Leland Leavitt, A.B.	Grad		Plymouth, N. H.

Atwood, Philo Door	1925 A (Chem)	St. Louis, Mo.
Atz, Samuel David	1923 A (Chem)	Elizabeth, Ill.
Ault, Eugene Stanley, B.E., M.E.	Grad	Baltimore, Md.
Ausman, Mildred Katherine	1922 A	Herkimer
Austen, James Albert	Sp A	Waynesboro, Va.
Austen, Robert N.	1923 C	Pittsburgh, Pa.
Auster, Islin Mortimer	1925 A	New York City
Auster, Lionel Sandler, A.B.	1923 MD (N.Y.C.)	New York City
Austin, Germain LeRoy	1922 Ag	Glens Falls
Austin, James Albert	1924 E	Brooklyn
Austin, James Albert	Sp A	Waynesboro, Va.
Avery, Edward Carrington	1923 A	Auburn
Avery, George Selleck	1925 Ag	Claverack
Avery, Hobart Reed	1925 A	Oakfield
Avery, Ralph Chase	1924 M	Gloversville
Avins, Emma Rena, B.A.	Grad	Groton
Awde, Beatrice	Sp Ag	Watertown
Ayarragaray, Luis Maria	1926 E	Parana, Argentina
Ayau, Raphael	1924 A	New York City
Ayer, Elmer William	1923 Ag	Cleveland, Ohio
Ayres, Sidney Elliot	1922 A	Penn Yan
Babbitt, Ross Milton, B. S.	Grad	Huron, S. Dak.
Babcock, Evelyn Noble	1924 A	Lockport
Babcock, Juan Acres, jr	1923 M	Plainfield, N. J.
Backus, Charles William	1922 Ag	New Berlin
Backus, Edgar Hamblin	1924 E	Union Springs
Bacon, Charlotte Trotter	1922 Ag	Canandaigua
Bacon, Lillian Mary	1923 Ag	Canandaigua
Bader, Edward Francis Lawrence	1925 C	Atlantic City, N. J.
Baer, Adolph	1926 A	New York City
Baer, Herbert Ralph	1923 A	Paterson, N. J.
Baerg, William T., A. B.	Grad	Fayetteville, Ark.
Bahl, Bertram Shoemaker	1924 Ag	Lansdowne, Pa.
Baier, Margaret Genevieve	1925 Ag	Silver Springs
Bailey, Carroll Capen, B. A.	Grad	Fitchburg, Mass.
Bailey, Miriam Esther	1925 A	Brewster
Bailey, Williams Dunlavy	1924 C	Boonton, N. J.
Baird, Thomas Jefferson	1925 Ar	Cleveland, Ohio
Baker, Arthur Sidney	1922 A	New York City
Baker, Barton	1922 L	Webster
Baker, Bertha Gladys	1923 A	Minetto
Baker, Carl Irving	1923 A	Herrick Centre, Pa.
Baker, Donald William	1922 A	Battle Creek, Mich.
Baker, Edward Vreeland	1923 M	Willsboro
Baker, Eugene Manigault, jr.	Sp A	Savannah, Ga.
Baker, Merrill Jerome	1925 A (Chem)	Auburn
Baker, Richard Smith	1924 Ag	Ithaca
Baker, Sihon Winfield	1923 Ag	Webster
Bakst, Max, M. D.	Sp MD (N.Y.C.)	Brooklyn
Bakunovitz, Nicholas	1922 A (Chem)	Brooklyn
Baldauf, Augustus Franklin	1923 M	Buffalo
Baldrige, John Lakin, B. Arch.	Grad	Ardsley-on-Hudson
Baldwin, Andrew Grey	1922 Ag	Brooklyn
Baldwin, Charles Hamilton	1923 M	Springfield, Mo.
Baldwin, Charles Howard	1924 A	Brooklyn
Baldwin, Cornelia Gertrude	1925 Ag	Rushville
Baldwin, Frank Cecil	1923 Ag	Bristol, Pa.
Baldwin, Millard Warner, jr.	1925 E	Marcy
Baldwin, Ruth Catherine	1925 A	Norwich
Ball, Ellis Robert	1924 M	Cattaraugus
Ball, George	1924 M	Savannah, Ga.
Ball, Harold Appleton	1922 M	Wayne, Pa.
Ball, Jonathan Mueller	1924 C	Detroit, Mich.
Ball, Leda Thala	1924 Ag	Glens Falls
Ballard, Charles Hitchcock	1924 A	Longmeadow, Mass.
Ballard, Thomas Lewis	1925 C	Homer
Ballou, Harold	1922 A	Ithaca
Ballou, Naomi Coleman	1925 A	Ithaca
Balme, Howard Charles	1924 M	Buffalo
Bancroft, Clytie	1924 A	Richmond, Va.
Banks, Norman John	1925 A	Dunkirk
Banks, Robert Treman	1923 A	Ithaca
Banner, Edgar Hicks	1923 M	Bainbridge
Bannigan, John Charles	1924 M	Utica
Banta, Theodore Charles	1922 E	Ridgewood, N. J.
Bantista, Luis Jacobo	1926 M	Manila, P. I.
Barber, Ruth Lucile	1924 A	Wayland
Barbour, Carroll Bartlett	1923 A (Chem)	Ridgeway, Pa.
Barck, Dorothy Churchill, A. B.	Grad	Brooklyn
Barclay, Alexander James	1922 A 1925 MD	Ardonia

Bard, Moses Tayler	1922 Ag	Millerton
Bardewyck, Arthur Henry	1924 E	Brooklyn
Bardin, Collis Matterson	1924 A (Chem)	Avon
Bardwell, Estus Patterson	1925 Ar	Ithaca
Barenscheer, Flavia Tiffany	1925 A	Moorestown, N. J.
Barkas, Benjamin William, B. S.	Grad	Brooklyn
Barkelew, Charles Smith, jr	1922 M	Millington, N. J.
Barker, Frederick George, jr.	1923 M	Cleveland, Ohio
Barker, George Henry	1925 E	North Chattanooga, Tenn.
Barker, Myron Irving	1923 A	Carrollton, Ky.
Barkley, Gladys Ferguson	1923 Ag	Blairsville, Pa.
Barley, Arthur Wells	1925 Ag	Pittsford
Barlow, Sumner Hancock	1923 A	Trenton, N. J.
Barned, Robert Seward	1925 A	Cortland
Barnes, Claudia Marie, A. B.	1923 L	Buffalo
Barnes, Laurence Almon	1924 M	Washington, D. C.
Barnett, Joseph Lloyd	1924 L	New York City
Barney, Archie Fay, B. S. in Agr.	Grad	Logan, Utah
Barney, Ellery Robert	1922 Ag	Milford
Barr, Charles James	1924 M	Mobile, Ala.
Barredo, Manuel Higinio, jr., A. B.	1924 M	Manila, P. I.
Barrett, Anna Elizabeth	1925 Ag	Sayre, Pa.
Barrett, John Frances	1925 Ag	Verbank
Barrett, Ralph Hooker	1924 Ag	Binghamton
Barrett, Sidney Hall, jr.	1922 A	Sag Harbor
Barrett, Willard Riehlman, B. Chem.	Grad	LaFayette
Barris, Henry Allen	1923 E	Silver Creek
Barros-Barreto, Benjamin Franklyn C. A.	1922 C	Pernambuco, Brazil
Barry, Joseph Francis, B. S.	1924 E	Binghamton
Bartels, Adele Gesine	1923 A	New York City
Bartlett, Leon Edward	1922 A	Galeton, Pa.
Bartlett, Lowell Thomson	1923 M	Minneapolis, Minn.
Bartlett, Roland Willey	1922 Ag	Orleans, Vt.
Bartlett, Sara Rosamonde	1924 A	Fayetteville
Barton, Ellen Frances	1926 FA	Ithaca
Barton, Harriet Garrison	1924 A	Ithaca
Barton, Kenneth Franklin	1924 M	Syracuse
Bashore, Nelda Beatrice	1922 A	New York City
Bass, Glenn McKinley	1925 Ag	Gloversville
Bassett, Charles Fernando	1922 A	Castile
Bassett, Dell Clare	1924 V	Hempstead
Bassett, Frederic Harvey	1924 M	Elizabeth, N. J.
Bassett, Samuel Hopkins, A. B.	1924 MD (N.Y.C.)	Colemans Station
Bassett, Starr Antoinette	1925 Ag	Morton
Batchelor, James Taylor	1925 Eng	Webster Groves, Mo.
Bateman, Margaret Porter	1923 Ag	Brooklyn
Bateman, Ruth Achsah	1924 A	Champlain
Bates, Charles Edward Harold, A. B.	1924 MD (N.Y.C.)	Alameda, Cal.
Bauer, George Carl	1925 M	Port Washington
Baugh, Adriana Virginia	1924 A	Oklahoma City, Okla.
Baum, Alfred Joseph	1925 Ag	Woodhaven
Baum, Seymour Leopold	1922 E	New Rochelle
Baumgardner, Donald George	1923 E	Demster
Baumgarten, Adolph John	1925 E	Washington, D.C.
Baur, Oscar, jr.	1923 M	Indianapolis, Ind.
Bauschman, Roland	1925 E	Scranton, Pa.
Baxter, Edmund Francis	1922 A	Waverly
Baxter, Elmer James	1925 M	Washington, D. C.
Baxter, Portus, jr.	1922 M	Libby, Mont.
Bayles, Frederic Francis	1923 A (Chem)	Cincinnati, Ohio
Bayles, George Edgar	1923 A	Cincinnati, Ohio
Bayne, Florence Heaton	Sp Ag	Ithaca
Bayne, Thomas Livingston, jr., B. S.	Grad	Ithaca
Bayne, William Muller	Sp Ar	New York City
Bayuk, Eleanor Fay	1924 Ag	Philadelphia, Pa.
Bazinet, Genevieve Elizabeth	1925 A	Glens Falls
Beach, Stafford Bacon	1922 A	West Palm Beach, Fla.
Beal, Anne Elizabeth	1924 Ag	Ithaca
Beal, Wilder	1925 C	Lake Placid Club
Beals, Maurine Katherine	1923 Ag	Wayland
Bean, Francis Jarvis, A. B.	1923 MD (N.Y.C.)	Worcester, Mass.
Bear, Burnett	1922 C	Carlisle, Pa.
Beard, Sarah Allen	1924 A	Cobleskill
Beardsley, Leon A.	1925 A	Ithaca
Beasley, Edith J.	1924 Ag	Ithaca
Beattie, Barbara, A. B.	1924 MD (N.Y.C.)	Littleton, N. H.
Beatty, Henry McIntosh	1922 E	Cleveland, Ohio
Beatty, Willard Chrisler	1922 A	Roscoe
Beaven, Walter Reginald	1925 A	New York City
Beaver, Leila Warren	1925 A	Verona

Beaver, Paul Fred	1924	C	Long Meadow, Mass.
Beck, Florence Marjorie	1926	A	New York City
Beck, Harriet Stamper	1926	A	Brooklyn
Beck, Helen May	1924	Ag	Aurora
Beck, Henry Lawrence	1926	Ag	New York City
Beck, Monroe	1925	A	New York City
Beck, Walter Alfred	1925	M	Schenectady
Beckenstein, Nathan	1925	A	New York City
Beckenstein, Rose	1923	A	New York City
Becker, Alexander	1924	M	Hawthorne, N. J.
Becker, Elva Estella	1923	A	Columbia, Pa.
Becker, Florence Louise	1924	Ag	Brooklyn
Becker, Howard Goldsborough	1923	Ag	Dayton
Becker, Joseph Adam, A. B.	Grad		Ithaca
Becker, Robert	1923	C	Corona
Becker, Walter Joseph	1922	A 1935 MD	New York City
Beckwith, Irving Harris	1924	(Chem)	East Pembroke
Beebe, Gilbert Richard	1925	A (Chem)	Middletown
Beeber, Holland	1926	M	Williamsport, Pa.
Beecher, John Newman	1925	M	Birmingham, Ala.
Beeler, Charles Fox	1923	C	Hamilton, Ohio
Behr, Leo, M. E.	Grad		Philadelphia, Pa.
Behr, Leon Ernst	1926	A	Jersey City, N. J.
Behre, Helen Jeanette Allen, B.A.	Grad	MD (N.Y.C.)	Cincinnati, Ohio
Belasko, Michael Adams	1925	A	New York City
Belden, Bernice Alderette	1925	A	Fredonia
Belden, Helen Grace	1924	Ag	Berkshire
Belden, William Burlingame	1925	A	Cleveland Heights, Ohio
Belding, Miriam Elizabeth	1925	A	Little Falls, N. J.
Bell, Aaron	1923	A	Brooklyn
Bell, E. Dorothy, B. A.	1924	MD (N.Y.C.)	Salisbury, Conn.
Bell, James Stultz	1923	M	Altoona, Pa.
Bell, John Francis	1925	M	Jersey City, N. J.
Bell, Olin Grogan, A. B.	Grad		Elk City, Okla.
Bell, Orris R.	1925	M	Cortland
Bell, Raymond William, B.S., M.S.A.	Grad		Brasher Falls
Belser, Beatrice Mary	1923	A	New York City
Benedict, James William	1925	A	Boonville
Benedict, John King	1922	A Grad	Poughkeepsie
Benedict, Mary Leona	1925	Ag	Poughkeepsie
Benenson, Aaron	1922	A	Napanoch
Benenson, William	1925	A	Napanoch
Bengtsson, Otelia Josephine, A. B.	1922	MD (N.Y.C.)	Ossining
Benham, John Latham, B. Chem.	Grad		Niagara Falls
Benham, Sanford Weaver	1926	C	Columbus, Ind.
Benisch, Charles Edward	1924	C	Brooklyn
Benitez-Gautier, Eugenio	1926	E	Santurce, P. R.
Bennehoff, James DeSett, B.S., M.S.	Grad		Alfred
Bennett, C. Ralph	1923	A	Gouverneur
Bennett, Edith Agnes	1926	A	Bayonne, N. J.
Bennett, Everett Lloyd	1924	A	Buffalo
Bennett, Lee Cotton	1925	M	Ithaca
Bennett, Letcher Wayne	1924	M	Brooklyn
Bennett, Russell Thompson	1923	M	Buffalo
Benoliel, Louis Osmond	1926	A (Chem)	Philadelphia, Pa.
Benson, George Milton	1922	C	Lansdowne, Md.
Benta, Kenneth Lowell	1923	A (Chem)	New Rochelle
Bentley, James Stuby	1923	A	Sheridan, Wyo.
Bentley, Martyn Zug	1922	M	Youngstown, Ohio
Berdan, Barkley Eakins	1925	C	Paterson N. J.
Berean, John Hurley	1925	M	Hamburg
Berg, Harry Andrew, B.S. in E.E.	Grad		Ithaca
Berger, Kenneth Howell	1924	A (Chem)	Cincinnati, Ohio
Berger, Milton	1922	C	Atlantic City, N. J.
Bergholtz, Herman, jr.	1925	M	Ithaca
Berglas, Jacob Barach, A.B.	1923	MD (N.Y.C.)	Brooklyn
Bergstein, Joseph Karl	1924	A (Chem)	New York City
Berkeley, Frederick Duncan, jr.	1923	M	Brooklyn
Berkoff, Harry Sidney, A.B.	1923	MD (N.Y.C.)	Brooklyn
Berkowitz, Hyman Chonon, B.A., M.A.	Grad		Ithaca
Berkowitz, Joseph Judah, B.S.	1923	MD (N.Y.C.)	New York City
Berkowitz, Morris A.B.	1923	MD (N.Y.C.)	Brooklyn
Berliner, Sydney George	1922	M	New York City
Berman, William	1922	A 1925 MD	Rochester
Bernard, Anthony Byres	1924	L	Richmond Hill
Bernard, Sam, jr.	1925	A	New York City
Bernart, William Francis, jr.	1924	M	New York City
Bernstein, Maurice	1923	A	Cleveland Heights, Ohio
Bernstein, Sylvia Sybil	1922	A	New York City
Bernstein, Thomas	Sp Ag		Rochester

Berresford, John King	1923 A (Chem)	Milwaukee, Wis.
Berry, John Michael	1924 A	Lexington, Ky.
Bershansky, Ida	1922 A	Honey Grove, Texas
Berwick, William Evans	1925 C	Richmond Hill
Besig, Anna Clara Caroline	1923 A	West Hoboken, N. J.
Besig, Emma Martha Sophia	1923 A	West Hoboken, N. J.
Beskin, Theodore Hyman	1923 A	Newport News, Va.
Bethge, Victor Droste	1923 M	Brooklyn
Bétournay, Noé Joseph, B.Sc.C.E.	Grad	St. Lambert, Que., Canada
Bettis, Helen Leonora	1925 Ag	Rochester
Betts, Edward Dawson	1924 M	Passaic, N. J.
Betts, James Hill	1922 A	Kingston
Bevacqua, Joseph	1924 C	Rochester
Bevilacqua, John James	1924 M	Bayonne, N. J.
Beyerl, Leigh Winston	1924 E	Malone
Bezer, Charles Arthur	1924 A	Brooklyn
Biasotti, Edward Peter	1924 Ag	New York City
Bibbins, George Schuyler	1924 E	Watertown
Bickley, George	1925 Ag	Philadelphia Pa.
Biddy, Thomas Howard	1925 Ag	Brooklyn
Bienstock, Irving Horace	1924 A	Newark, N.J.
Bigelow, Claude Myron	1922 M	Penn Yan
Bigelow, Nelson Sylvester, B.S.	1925 MD (N.Y.C.)	Moodus, Conn.
Biggs, Edna	1923 Ag	West Brighton
Biggs, Sheridan Chapman	1924 M	Baltimore, Md.
Binenkorb, Aaron Louis	1925 A	Middletown
Binner, Paul	1923 Ag	Palisade, N. J.
Bird, Edward Francis	1925 M	Denver, Colo.
Bird, Horace Clark	1923 Ag	Medina
Bird, Samuel Bancroft	1923 M	Wilmington, Del.
Birkin, Robert Greenley	1925 M	Evanston, Ill.
Birnbaum, George, B.S.	1925 MD (N.Y.C.)	New York City
Bisch, William	1924 M	Newark, N. J.
Bishop, George Mallory	1922 E	Southampton
Bishop, Morris Gilbert, A.B., A.M.	Grad	Ithaca
Bishop, Roger Sherman	1924 A	Ithaca
Bissantz, Edgar Fred	1925 Ar	Wichita, Kans.
Bissell, Frederick Olds, jr.	1924 A	Buffalo
Bissell, Thomas Ashley	1922 M	Buffalo
Black, Hortense Louise	1924 Ag	Geneseo
Black, LeRoy Walton, A.M.	1924 MD (N.Y.C.)	Rutherford, N. J.
Blackman, Edward Chase	1923 M	Flushing
Blackmore, Paul Owen	1925 A (Chem)	Toledo, Ohio
Blackwood, Albert James	1923 M	Buffalo
Bladen, Arthur McKinley	1922 E	Syracuse
Bladen, Leah Marcia	1924 Ag	Syracuse
Blake, Carroll, jr.	1925 Ag	Brooklyn
Blakemore, Samuel Morris	1923 A (Chem)	Louisville, Ky.
Blank, Harry Philip, jr.	1925 M	Philadelphia, Pa.
Blankfein, Rose Jeanne	1924 A	Whitestone
Blankley, Clifton Tayleure	1925 M	Chicago, Ill.
Blasbalg, Harry Hobart	1923 L	New York City
Blate, Peter Anderson	1924 A	White Plains
Blau, Albert, A.B.	1922 MD (N.Y.C.)	New York City
Blau, Nathan Frank, D.V.M.	Grad MD (N.Y.C.)	New York City
Blauner, Seymour	1926 A	New York City
Blauvelt, Grace Brown	1923 A	Ridgewood, N. J.
Blauvelt, Katharine Hutton	1923 Ar	Syracuse
Blauvelt, William Ernest	1925 Ag	West Nyack
Blackley, Clarence Hiltzheimer	1924 A (Chem)	Yonkers
Blend, Mabel Abbey	1923 Ag	Berkshire
Blenkle, Victor August	1922 A 1925 MD	Jersey City, N. J.
Blewer, Henry Truman	1923 Ag	Newark Valley
Bliss, George Emory	1925 A	Binghamton
Bliss, Miriam Elizabeth	1924 A	Ithaca
Block, Joseph Leopold	1924 A	Chicago, Ill.
Block, Laurence Frederick	1924 M	Caldwell, N. J.
Block, Marcus Theodore	1925 A	Newark, N. J.
Blodgett, Elsie Bernice	1922 A Grad	Corning
Blodgett, Harold William, A.B.	Grad	Corning
Blomfield, Reginald Seymour	1925 C	Ferndale, Mich.
Bloom, Morris	1924 A	Brooklyn
Bloomer, Robert Strawn	1924 A	Newark
Bloss, Joseph Blossom, jr.	1922 A	Rochester
Bloss, Merrilene Esther	1923 A	Blossvale
Blostein, Florence	1925 A	Ithaca
Blowers, Ruth Alma	1924 A	Westfield
Blue, John Allan	1924 M	Buffalo
Blum, Abram	1922 M	Brooklyn
Blumberg, Dorothy G.	1922 A	New York City

Blume, Adrian Franklin	1922	Ag	Brooklyn
Bly, Winifred Ida	1923	Ag	Ashville
Boardman, Leland Jaynes, A.B.	Grad		Ithaca
Bodourian, Haroutune Agop	1924	A (Chem)	Constantinople, Turkey
Bogan, James Joseph	1923	V	Edmeston
Bogan, John Lawrence	1923	V	Edmeston
Boggs, Robert William	1924	M	Rockville Centre
Bohannon, George Wilder	1925	M	Duluth, Minn.
Bohanon, Paul Chandler	1924	Ar	Cleveland, Ohio
Bohl, Albert Leo	1925	C	Williamsport, Pa.
Bollinas, Rafael Limpo	1925	M	Manila, P. I.
Bollinger, John Galey	1926	E	Tarentum, Pa.
Bond, Frederick Henry	1922	Ag	Jamestown
Bonelli, Nicholas William	1924	A	Lyndhurst, N. J.
Bonneford, Raymond Edouard	1923	Ag	Hancock
Bonnett, Earl Cluff, A.B.	1923	MD (N.Y.C.)	Provo, Utah
Bonsal, Howard Vincent	1923	C	Lansdowne, Pa.
Bontecou, Reed Vail	1925	M	Ithaca
Bool, Marion Louise	1924	Ag	Ithaca
Bool, Marjorie	1923	A	Ithaca
Bool, Mildred Storm	1922	A	Ithaca
Boorstein, Sarah	1925	A	Bayonne, N. J.
Booth, Edward Lawrence	1925	M	Utica
Booth, Elizabeth Potter	1923	A	Utica
Booth, Louis Farran, jr.	1923	E	Webster Groves, Mo.
Booth, Theodore Harrington	1925	C	Buffalo
Borda, Eugene	1925	Ag	Tuckerton, N. J.
Boring, Dorothy Beach	1922	A	Rutledge, Pa.
Bork, Mildred Margaret	1923	A	Buffalo
Borman, John William	1923	A (Chem)	New York City
Bosanko, Arthur Kingsley	1923	A (Chem)	Glens Falls
Boshart, Frank Eugene	1923	Ag	Lowville
Bostrom, Irene Eleanor	1923	A	Brooklyn
Bostwick, Mary Virginia	1922	A (Chem)	Bloomfield, N. J.
Bosworth, Clifford Lewis	1925	Ag	Nichols
Bosworth, Harlan Page, jr.	1923	C	Buffalo
Bosworth, Henry Burt, B.S. in Agr.	Grad		Buffalo
Bosworth, Mary Hastings	1924	A	Ithaca
Bott, Clarence Comstock	1922	M	Ithaca
Bottomley, Myrl E., B.S.	Grad		Charlotte, Mich.
Boudin, Vera	1926	A	Brooklyn
Boudreau, Clarence Edwin, M.D.	Sp MD	(N.Y.C.)	Eldorado, Kans.
Boughner, Munro	1925	C	Hazleton, Pa.
Bourgarde, Lester Francis	1925	M	Binghamton
Bovard, Walter Tomlinson	1925	V	Ithaca
Bow, Cyril Garner	1924	Ar	Buffalo
Bowen, Ernest Whiting	Sp M		Brockton, Mass.
Bowen, Frank Alric	1925	M	Utica
Bowen, Kenneth Herbert	1925	M	Rochester
Bowen, Ward Culver, A.B., A.M.	Grad		Ithaca
Bower, Edmund Rockwell	1924	Ag	Elmira
Bower, Harold Ferdinand	1922	E	Johnstown
Bower, Horace Alexander	1925	M	Trumansburg
Bower, Laurence Robert	1922	V	Trumansburg
Bowers, Catherine Highley	1923	A	Columbia, Pa.
Bowers, Clement Gray	Sp Ag		Binghamton
Bowman, Linn Bruce	1925	A (Chem)	Webster
Bowman, William Loran	1923	M	Vienna, Va.
Boyd, Harold Elmer	1923	A	Pittsburgh, Pa.
Boyd, John Barnes, B.S. in Ed., B.S. in Agr.	Grad		Springfield, Mo.
Boyd Oran Cecil, B.S. in Agr.	Grad		Hooker, Okla.
Boyd Dorothy Edna	1924	A	Mount Vernon
Brace Esther Hall	1923	Ag	Richmond Hill
Brackett, Ernest Walker	1925	A	Mohawk
*Braddock, Catherine Christina, B.A., M.A.	Grad		Rotherham, England
Brader, Norwood Harold	1924	M	Nanticoke, Pa.
Bradley, Charles	1925	A	Providence, R. I.
Bradley, Ernest Augustus	1924	Ag	Silver Springs
Bradley, Robert Claud, A.B., B.S., B.S. in Edu., M.S.	Grad		Huntsville, Mo.
Bradt, Clarence Greenfield	1922	Ag Grad	Rome
Bradt, Dorothea Bloomingdale	1925	A	Depew
Brady, John Francis	1924	A	Cooperstown
Brailley, Allen Gilbert, B.S.	Grad		South Royalton, Vt.
Brainard, David Edward	1923	E	Syracuse
Braislin, Gordon Stuart	1923	A	Brooklyn
Braman, Hazel Elizabeth	1922	A (Chem)	Homer
Bramer, Clarence Newell	1923	V	Amsterdam
Branch, Edwin Albro	Sp Ag V		Brooklyn
Brandes, George Henry, B. Chem.	Grad		Oswego
Brandman, Hyman Charles	1923	A	Ithaca

*Deceased.

Brandstein, Martin Henry	1925 A	Brooklyn
Brannan, Robert Otis	1923 A	Cleveland, Ohio
Branson, Charles Harold	1925 A	Oklahoma City, Okla.
Branson, Helen Taylor	1922 A	Oklahoma City, Okla.
Braun, Felix	1925 E	New York City
Braun, Sidney	1922 M	New York City
Brause, Dolly May	1924 Ag	Glen Cove
Brayman, George Irving	1922 C	Walton
Brayton, Charles Lucien	1923 A	Montclair, N. J.
Breckenridge, John Mowry	1926 A	Cleveland, Ohio
Breckenridge, Robert Edward	1925 M	Lima, Ohio
Breckenridge, Robert Warren	1923 M	Cleveland, Ohio
Breed, Eben Thompson	1924 A	Ithaca
Breed, Ida Marian	1924 A	Ithaca
Breed, Robert Read	1924 Ag	Kingsley, Pa.
Breen, Donald Hanley	1923 C	Watertown
Breese, Lyman Malcolm	1923 L	Elmira
Bregger, John Taylor, B.S.	Grad	Bangor, Mich.
Bregman, Abner	1925 A	Brooklyn
Breitbart, Joseph Roosevelt, A. B.	1924 MD (N.Y.C.)	Cleveland, Ohio
Bremer, Henry John	1925 FA	New York City
Brems, Carl Pridham	1923 M	West Hoboken, N. J.
Brennan, Edith Dorothy	1923 Ag	Melrose, Mass.
Brenner, Nevin Truog	1923 M	Pittsburgh, Pa.
Brenning, Irvin Frederick	1923 V	Barneveld
Bretch, Glenn Edward	1923 Ag	Clayton
Bretch, Mildred Elena	1922 A	Clayton
Bretsch, Gladys	1924 Ag	Hastings-on-Hudson
Brew, Clifford Ellsworth	1925 Ag	Bergen
Brewer, George Fred	1924 Ag	Swarthmore, Pa.
Brewer, Glen Estill	1925 E	Binghamton
Brewster, Burton Bradley	1925 A	Birney, Mont.
Brewster, Elizabeth Esther	1922 Ag	Freeville
Brewster, Lyman Sanborn	1924 Ag	Birney, Mont.
Brian, George Tennyson	1924 E	Baltimore, Md.
Bridiskas, Leo John	1924 A	Hazleton, Pa.
Brigden, John Kraig	1925 Ag	Palisades Park, N. J.
Briggs, Helen Newman	1924 A	Washington, D. C.
Brill, Kenneth Campbell	1924 M	Poughquag
Brill, Marion	1925 Ag	Jamesburg, N. J.
Brimmer, Elmer Van Rensselaer	1925 A	Watkins
Brink, Sheldon Edward, B.S. in Agr.	Grad	Marathon
Bristol, Herman Harvey	1923 A	Canton Center, Conn.
Britt, Charles Jerome	1925 M	Abington, Pa.
Britt, Martha	Sp Ag	New York City
Britt, Robert Emery, B.S. in Agr.	Grad	Brookport
Brittain, Harry Luck	1923 M	Baltimore, Md.
Brittain, Knox	1922 A 1925 MD	Downsville
Brittain, Mollie	1925 Ag	Downsville
Brittain, Rufus, B.S.	Grad	Tazewell, Va.
Brittain, William Harold, B.S.A., M.S. in Agr.	Grad	Truro, N. S., Canada
Britting, Geraldine Anna	1923 A	Williamsville
Britton, Edith Rosaline	1922 A	Buffalo
Broadbooks, Florence Thelma	1923 Ag	Attica
Brockway, John Dunn	1923 Ag	Syracuse
Broder, Simon	1924 M	New York City
Broderick, Edward John	1925 M	Geneva
Brodie, Melvin Morris, B.S.	1923 MD (N.Y.C.)	New York City
Brodsky, Anna L.	1926 A (Chem)	Washington, D. C.
Brodt, Henry Snowden	1924 M	Portland, Ore.
Brokaw, Frederick Connally	1924 A	Westfield, N. J.
Brokenshire, Herbert Cecil, B.S.	1924 MD (N.Y.C.)	Lincoln, Mass.
Bromer, Edward Harold	1924 E	Schwenkville, Pa.
Bronner, Arnold Harwick	Sp Ag	Ilion
Bronson, George Browning	1923 Ag	Rome
Brooke, Sydney Seymour	1923 Ag	Brooklyn
Brooks, Katharine, A.B.	1925 MD	New Britain, Conn.
Brooks, Kathryn Blanche	1922 Ag	Batavia
Brooks, Marie-Jeanne	1924 A	New York City
Brooks, Sidney, B.A.	1925 MD	Paterson, N. J.
Brooks, William Redfield	1924 Ag	Rochester
Brotherhood, Lillian Fred, B.S.	Grad	Ithaca
Brothers, John Wakefield	1924 M	Canton, Ohio
Broughton, William Gundry	1924 E	Fort Wayne, Ind.
Brown, Benjamin	1925 A	Englewood, N. J.
Brown, Carl Charles	1924 M	Brooklyn
Brown, Charles Alfred, A.B.	1923 MD (N.Y.C.)	Waterbury, Conn.
Brown, Chester William	1924 Ag	Albany
Brown, Clarence Travis	1925 M	Yonkers
Brown, Daniel Morgan	1925 A	Uniontown, Pa.

Brown, Donald Winslow	1922	A	Punxsutawney, Pa.
Brown, Dorothy Holmes	1925	Ag	Kingston
Brown, Edith Rhoda	1922	A	Ithaca
Brown, Edwin Hobart	1922	E	Wayne, Pa.
Brown, Elizabeth Place	1924	Ag	Shortsville
Brown, Ellsworth Sheffer	1923	V	Shortsville
Brown, Fayette Elwin	1923	M	Iron Mountain, Mich.
Brown, Forrest Jagger	1922	C	East Marion
Brown, Frederick Edward	1924	A (Chem)	Oswego
Brown, Harold Duke, B.A.	Grad		Toronto, Ont. Canada
Brown, Helen Elizabeth	1923	Ag	Ithaca
Brown, Henry Gassaway, jr.	1922	C	East Orange, N. J.
Brown, Henry George	1922	A	South Dayton
Brown, Herman Albert	1923	Ag	Salamanca
Brown, Jesse Edward	1925	E	East Marion
Brown, John Jay	1925	E	Chittenango
Brown, Joseph David	1923	Ag	Brooklyn
Brown, Malin Hoopes	1925	M	Westtown, Pa.
Brown, Mary Elizabeth	1925	A	Green Island
Brown, Nathan	1924	Ar	New York City
Brown, Norman Pierson	1922	Ag	Bernardsville, N. J.
Brown, Paul Erskine		Sp Eng	Ithaca
Brown, Robert Edward	1922	Ag	Ithaca
Brown, Ruby Gwendolyn	1924	A	Branchport
Brown, Seymour Walter	1922	Ag	Burke
Brown, Seymour Willard	1923	M	New York City
Brown, Theodore Gregg	1924	A	Indiana, Pa.
Brown, Thomas Augustus	1923	Ag	Elizabethtown
Brown, Veronica Cecelia	1925	A	Brooklyn
Brown, Virginia	1923	A	Winchester, N. H.
Brown, William Fuller, jr.	1925	A	Plattsburg
Brown, William Maynard	1925	Ag	Chestertown, Md.
Brownell, Claude Lewis	1924	C	Glens Falls
Brownell, Spencer, jr.	1924	M	Oswego
Bruckbauer, Leonard	1925	M	Brooklyn
Bruckner, Mabel Amelia	1922	Ag	Hastings-on-Hudson
Bruckner, Robert Earl, B.S.	1923	M	Hastings-on-Hudson
Brundage, Ralph Wesley	1922	Ag	Hornell
Brunfield, Thelma Flournoy	1922	A	Blacksburg, Va.
Brumbaugh, Charles Howard	1923	M	Orange, N. J.
Brunett, Earl Louis	1922	V	Herkimer
Bruning, Christian Richard, jr.	1923	A	Newport News, Va.
Bruning, Herbert Francis	1925	A (Chem)	Brooklyn
Brunke, William Hans	1925	Ag	New York City
Brunson, Arthur Maxwell, B.S., M.S.	Grad		Ithaca
Brush, Kenneth Hugo	1923	L	Haffey, Pa.
Brutsky, Charles Francis	1926	C	Corona
Bruyere, Andries Johannes, B.A., M.A.	Grad		Ladismith, C.P., South Africa
Bryan, William James	1924	A (Chem)	Englewood, N. J.
Bryant, Carleton Elliott, jr.	1922	C	Mount Vernon
Buchanan, Eugene Diven	1923	A	Highland Park, Ill.
Buck, Clifford Martin	1922	Ag	Lagrangeville
Buck, Edna Mae	1923	Ag	Rochester
Buck, Harry Emmer	1922	Ag	Rochester
Buck, Wendell	1923	A	New York City
Buckingham, Frederick John		Sp Ag	Narrowsburg
Buckley, Elias Florence	1924	C	Port Edwards, Wis.
Buckley, Henry White		Sp M	Port Edwards, Wis.
Buckley, Walter White	1925	M	Port Edwards, Wis.
Buckman, Henry Taylor	1924	Ag	Kingston, Pa.
Buckman, Lewis Fowler	1925	M	Swarthmore, Pa.
Buenafio, Henri René	1923	C	Buenos Aires, Argentina
Buerger, Alice Constance	1925	A	Egbertsville
Buhl, Theodore Albert	1922	Ag	College Point
Bull, Arthur Walker, B. Chem.	Grad		Ithaca
Bullard, John Flower	1922	V	Ithaca
Bullard, Thomas Kenneth	1922	Ag	Schuylerville
Bullen, Avery Lockhart	1923	A	Syracuse
Bullen, Grace Constance	1923	A	Paterson, N. J.
Bullen, Ripley Pierce	1925	M	Schenectady
Bullock, Charles Kenneth	1925	Ag	Penn Yan
Bullock, Clayton Morse	1922	A (Chem)	Sharon Springs
Bullwinkel, George Albert	1924	A	Brooklyn
Bump, Nelson Gardiner	1925	Ag	Binghamton
Bunyan, George Arthur	1924	E	Colchester, Conn.
Burch, Harold Graydon	1923	Ag	Millbrook
Burchfield, Alice Kyle	1922	A	Buffalo
Burden, Howard Watrous	1925	C	Homer
Burden, Louise Helen	1922	A	Canandaigua
Burdick, Leonard Wallace	1923	L	Homer

Burg, Harold, B. S.	1925	MD (N.Y.C.)	New York City
Burg, Horace Edward	1925	C	York, Pa.
Burger, Clayton Elmer	1924	Ag	Pine Bush
Burk, Richard Martin	1922	Ag	Okmulgee, Okla.
Burk, Robert Emmett	1922	A (Chem)	Okmulgee, Okla.
Burke, James Harry	Sp E		Hartford, Conn.
Burke, Ruth Sheridan	1924	A	South Bend, Ind.
Burleigh, Clifford Goff	1924	Ag	Rochester
Burleson, Gladys Dew, A.B.	Grad		Johnson City, Tenn.
Burmistroff, Vassily Georgievitch	1923	C	Turovo-Kashin, Tver, Russia
Burnaford, Helen Amelie	1824	A	Nanticoke, Pa.
Burnett, Newton Osborn	1924	E	Morristown, N. J.
Burnham, Alice Alinda	1923	A	Worcester, Mass.
Burnham, Frederick Eugene	1924	M	Brooklyn
Burnham, Lyman	1923	A	Brooklyn
Burns, Samuel	1922	C	New Britain, Conn.
Burr, Charles Robert	1924	A (Chem)	Pawling
Burroughs, Kenneth Cook	1922	M	Geneva
Burrows, George Lord, 3d.	1923	Ag	Saginaw, Mich.
Burton, Benjamin	1922	A	Philadelphia, Pa.
Burton, Euclid Orrel	1922	M	West Chazy
Burton, Raymond Charles, A.B.	1922	M	Rock Island, Ill.
Buschen, Herman William	1924	M	Woodcliff-on-Hudson, N. J.
Bush, Harold Leland	1922	A	Ludlowville
Bush, Merlin George	1925	Ag	Buffalo
Bush, Ralph Raymond, M.E.	Grad		Kingston, Pa.
Butler, Anne Louise, B.A.	Grad		Proctor, Vt.
Butler, Charles Patrick, B.S.	1922	L	Proctor, Vt.
Butler, Mary Louise	1923	A	Plattsburg
Butterfield, Mondel Ely	1923	FA	Binghamton
Butterworth, Richard Holmes	1925	Eng	Brooklyn
Button, Henry Burr, B.S.	Grad		Canastota
Button, John Lang	1925	Ag	Ithaca
Buttrick, Charles Edgar	1924	Ar	Brooklyn
Butts, George Samuel	1925	Ag	Sodus
Buys, John Levenus, B.S., M.S.	Grad		Sodus Point
Byrne, Edward Munson	1922	E	Washington, D. C.
Byrne, Nicholas James	1926	M	Auburn
Byron, Charles Stanford, A.B.	1923	MD (N.Y.C.)	Brooklyn
Byron, Milton Lester	1924	A (Chem)	Erie, Pa.
Byron, Peter	1923	A	Corona
Cahill, James B.	1926	V	Syracuse
Cain, Charles Bertram, B.S. in Agr	1924	V	Bude, Miss.
Caine, William Artman	1922	A	Wadsworth, Ohio
Cairns, Glenavie	1925	Ar	Maplewood, N. J.
Caldwell, Grace	1925	A	St. Louis, Mo.
Caldwell, Wiley North	1923	M	Oak Park, Ill.
Call, Irving Joslyn	1922	Ag	Stafford
Callan, Percival Louis	1924	M	Buffalo
Calleson, Edgar Augustus	1923	M	Brooklyn
Calloway, Robert Woodward	1923	C	Merion, Pa.
Calvert, George Chalfant	1923	A	Elyria, Ohio
Camden, Stella DuPriest, A.B.	Grad		Lynchburg, Va.
Campbell, Alan Ditchfield, A.B., A.M.	Grad		Lansdowne, Pa.
Campbell, Arthur Talbot	1923	M	Seattle, Wash.
Campbell, Catherine Edgeworth	1925	A	Seneca Falls
Campbell, Edward Ketcham	1923	A	Brooklyn
Campbell, Howard Hibbard	1925	Ag	Penn Yan
Campbell, John Henry	1924	M	Lakewood, N. J.
Campbell, Katherine Leonora	1923	A	Dansville
Campion, Catherine Sara	1923	A	Philadelphia, Pa.
Canals, José Manuel	1925	C	Santurce, P. R.
Canary, Maurice DeGroff	1924	V	Pattersonville
Canfield, Kathleen Patricia	1925	A	Shenandoah, Pa.
Cangiamila, Guerino William	1925	Ag	Buffalo
Cannon, Mallory King, jr	1925	E	Ithaca
Cantor, Isadore Jerome	1922	L	Buffalo
Caplan, Daniel Abraham	1925	A	Sea Gate
Capron, Charles Horace	1924	A	Wayland
Carboni, Jennie Adelaide	1923	A	Ithaca
Carboni, Mary Catherine	1922	A	Ithaca
Card, Leslie Ellsworth, B.S.	Grad		Ithaca
Carey, Walter Thomas	1924	M	Bradford, Pa.
Carey, William David Puterbaugh	1923	A	Hutchinson, Kans.
Carey, William Joseph	1925	A	Pawling
Carlos y Gochico, Meneleo	1924	M	Manila, P. I.
Carlson, Alice Alma Christine	1923	Ag	Ithaca
Carlson, Earl Leonard	1922	M	Wesleyville, Pa.
Carlson, Fred Albert, B.Sc	Grad		Pittsfield, Mass.

Carlton, George Locke, A.B.	1922	Ag.	Cedar City, Mo.
Carncross, John William	1925	Ag.	Cato
Carpenter, Charles Albert	1925	M.	Whitehall
Carpenter, Charles Wilson	1922	C.	Lake Mahopac
Carpenter, Clifford Miles	1923	Ag.	Chittenango
Carpenter, Elizabeth Edwena	1925	Ag.	Chittenango
Carpenter, Lockwood Whitney	1925	A.	Stephentown
Carpenter, Robert Holt	1923	A.	Whitehall
Carpizo, José Trinidad	1925	M.	New York City
Carr, Alfred Chambers, jr.	1923	M.	St. Louis, Mo.
Carr, Edward Howard	1922	M.	Ithaca
Carr, Harold Fremont	1922	E.	Arcadia, Fla.
Carran, William Allen, jr.	1924	E.	Cleveland, Ohio
Carrère, Henri Valente	1925	Ag.	Dunraven
Carrier, Egbert Wendell	1922	A (Chem)	Phoenix
Carrington, Ralph Hermon	1923	M.	Oneonta
Carroll, James Joseph	1924	Ag.	Watertown, Mass.
Carroll, Madeline Anna	1924	Ag.	New York City
Carroll, Wesley Barnett, A.B.	Grad		Spartanburg, S. C.
Carson, Florence Elizabeth	1924	A.	Chicago, Ill.
Carter, Charles Crawford	1922	Ag.	Rock Island, Ill.
Carter, Charles Homer	1922	Ag.	Marathon
Carter, Claude DeWitt, jr.	1923	C.	Watertown
Carter, Ellsworth Jackson	1922	A.	Lowville
Carter, Rebecca Burr, A.B.	1925	MD.	Washington, Conn.
Carty, John Thomas	1925	A (Chem)	Ithaca
Caruso, Santo Corrado	1924	E.	Brooklyn
Carver, James Clayton	1922	A 1925 MD.	Fort Dodge, Iowa
Casey, Francis Lawton	1922	A.	Batavia
Casey, Mary Louise	1924	A.	Batavia
Cashman, Eugene Ramiro	1924	A (Chem)	Cleveland, Ohio
Caskey, Kenneth	1925	M.	Port Jervis
Casler, Marjorie Ellen	1924	A.	Utica
Caslick, Edward Albert	1922	V.	Newfield
Caspe, Sylvia Ruth	1923	A.	New York City
Cass, John Lewis	1922	M.	Salem, Mass.
Cassidy, Charles Emmes	1924	Ag.	Honolulu, Hawaii
Castle, Hempstead, B.S.	Grad		Westfield, Mass.
Catlin, George Byron	1925	E.	Detroit, Mich.
Catlin, Harold Milo	1925	M.	Athens, Pa.
Catrow, David Johnson	1925	M.	Miamisburg, Ohio
Cattell, Quinta	Sp Ag.		Garrison-on-Hudson
Cattell, Ware	Sp A.		Garrison-on-Hudson
Cava, John Patrick	1925	A.	Brooklyn
Cavenato, Lawrence Augustus	1924	A.	Fort Lee, N. J.
Cerchiara, Camillo Anthony, B.S.	1922	MD (N.Y.C.)	New York City
Chadwick, Nathaniel	1925	Ag.	Lakemont
Chalupski, Victor	1926	A (Chem)	Brooklyn
Chamberlin, Benjamin Day	1924	A.	Rochester
Chamberlin, Mary Edna	1924	A.	Hazleton, Pa.
Chambers, Genevieve Cletia	1922	Ag.	Honeoye Falls
Chambers, Henry James	1922	Ag.	Walton
Chambers, Lynton Harrison	1924	M.	Des Moines, Iowa
Chambers, Melber Bowers	1922	A.	Larchmont
Chambers, Robert Joseph Shean	1924	M.	Manhasset
Champlin, Donald Webb	1924	M.	Oneida
Chan, Shi Leung	1924	C.	Hongkong, China
Chandler, Carroll Wesley	1923	Ag.	Moravia
Chandler, Fred Charles, jr.	1923	A.	Cleveland, Ohio
Chandrasitaya, Iang, B.S. Agr	Grad		Bangkok, Siam
Chang, Cheh Hsi, M.C.E.	Grad		Tang-Ku, China
Chang, Lan Ko	1922	M.	Peking, China
Chang, Yun Tien	1924	C.	Tangshan, Chihli, China
Chao, Kenneth Kuo Chun	1926	A.	Shanghai, China
Chao, Ming Kao	1922	A Grad.	Liao-Yang Fengtien, China
Chao, Shan Chu	1922	C Grad.	Yuhshian, Honan, China
Chapman, Henry Otis, jr.	1922	Ar.	Woodmere
Chapman, Lucie Helen	1923	Ag.	Staten Island
Chapman, Paul Andrew	1922	A (Chem)	Auburn
Chapman, Ruth Rosalie	1923	A.	Los Angeles, Cal.
Chappell, Robert Eli	1923	M.	Peiham Manor
Charet, Morris	1923	M.	Brooklyn
Charles, Barbara Baird	1925	A.	Warsaw
Charron, Philip Joseph	1923	M.	Ithaca
Chase, Russell Nichols	1923	A.	Garden City
Chase, Willis Edmund	1924	Ag.	Newcomb
Cawner, Lowell Jenkins, A.B.	Grad		Pasadena, Cal.
Chen, Hsi Ching, B.S. in Chem	Grad		Amoy, China
Chen, Tsai-Chun, B.S.	Grad		Hangchow, Chekiang, China
Chen, Tsu Yi, M.C.E.	Grad		Hsiang, Hangchow, China

Chenault, Anderson Hume	1925 E	Richmond, Ky.
Cheney, Clara Frances, A.B.	Grad	Cortland
Cheney, David William	1922 V	St. Regis Falls
Cheney, John Baird	1924 V	St. Regis Falls
Cheng, Wan Chung	1923 M	Hongkong, China
Cherdantzeff, Peter, M.E.	Grad	Petropavlovsk, Russia
Cherey, Henry Irving	1924 L	New York City
Cherouny, Helen Elise	1922 A	Brooklyn
Chestnut, Henry McDowell	1925 M	Philadelphia, Pa.
Cheston, Harold Clifford	1923 M	Yonkers
Chew, Frank Walker	1925 M	Newark, N. J.
Chieng, Kwai, B.Sc.C.E.	Grad	Shanghai, China
Child, Lachlan Wallace	1924 M	West Orange, N. J.
Childrey, Rachael	1925 A	Ridley Park, Pa.
Childs, Mary Elizabeth, A.B.	1922 MD (N.Y.C.)	Bernardsville, N. J.
Childs, Wesley Haley	1923 Ag	North Tonawanda
Chipman, Mary Adams	1923 Ag	West Medford, Mass.
Chisholm, Anne Cameron	1923 A	Fort Covington
Chisholm, Kenneth	1924 A	Montclair, N. J.
Choate, Aubrey James	1923 A	Erie, Mich.
Chobot, Edwin Frank, C.E.	Grad	Brooklyn
Chou, Liang Hsiang	1925 M	Hankow, China
Christian, Joseph Howard, C.E.	Grad	Millville, Pa.
Christianson, Christian	1923 E	Butler, Pa.
Christie, Cornelius Wells	1924 E	Syracuse
Church, Herbert Safford	1924 Ag	Salem, Ohio
Churchill, Charles Harvey	1923 E	Canton
Churchill, Rogers Platt	1924 A	Elmira
Cianciulli, Salvador Joseph	1924 C	Brooklyn
Cilloniz, Miguel	1923 M	Lima, Peru
Cisler, Walker Lee	1922 M	Gradyville, Pa.
Clamens, Pierre Antoine Joseph	1924 A	Savannah, Ga.
Clapp, Marion Glenn	1923 A	Deerfield
Clapp, Ruth Emily	1925 Ag	Ithaca
Clark, Addison John	1924 A	Castleton
Clark, Anna Fiddis	1924 A	Ithaca
Clark, Arlington Woodville	1925 E	Woodhaven
Clark, Arthur Lincoln, B.S.	Grad	Boston, Mass.
Clark, Carroll Bromley	1922 M	Ithaca
Clark, Charles Edward	Sp Ag	Still Pond, Md.
Clark, Eugene	1925 A	Corona
Clark, Frances Hilda	1922 Ag	Fulton
Clark, Francis Glasgow	1924 M	Norfolk, Va.
Clark, Helen Berdena	1925 Ag	Ithaca
Clark, Jason	1923 C	Williston, Vt.
Clark, John Griffith, B.S.	1924 C	Ithaca
Clark, Mabelle Davis	1924 A	Atlantic City, N. J.
Clark, Marvin Aiden	1924 Ag	Kendall
Clark, Philip Colegrove	1922 M	Staten Island
Clark, Philo Davis	1923 A	Rumford, Me.
Clark, Robert Gregory	1922 M	Denver, Colo.
Clark, Robert Joseph	1922 Ag	Tully
Clark, Waid Van De Mark	1924 A	Buffalo
Clarke, James Russell, jr	1925 M	Montclair, N. J.
Clarke, Joseph Sherwood	1925 A	London, England
Clarke, Walter Jadin	1924 A (Chem)	Jersey City, N. J.
Clarkson, John Palmer	1924 M	River Forest, Ill.
Clarkson, John Turner	1922 M	St. Louis, Mo.
Clarkson, Oliver Lindsay	1923 Ag	Edgewater Park, N. J.
Claster, Harold	1925 A	Harrisburg, Pa.
Claster, Herbert Bernard	1925 A	Lock Haven, Pa.
Cleary, Charles Hubert	1922 M	Baltimore, Md.
Cleary, Stephen Farrell	Sp M	Ithaca
Clements, Arthur Latimer	1924 M	Cleveland Heights, Ohio
Cleminshaw, Clarence Higbee	1923 A	Cleveland, Ohio
Close, Elinor Agnes	1922 A	Westwood, N. J.
Clough, Amy Belle	1923 A	Clifton, N. J.
Clough, Kenneth Mead	1923 A	Peru
Clum, Harold Hayden, A.B.	Grad	Cleveland Heights, Ohio
Clyde, Alice Elaine	1923 A	Chippewa Falls, Wis.
Clynes, Edmund	1924 A	Ithaca
Cobb, William Gerard George	1923 C	Point Pleasant, N. J.
Coblens, Monroe	1924 A (Chem)	Brooklyn
Cobrin, Harry Aaron	1924 A	New York City
Coe, Evelyn Grace	1923 Ag	Cincinnati
Coe, Roger Jewett	1923 M	Yonkers
Coffey, Loretta Celia	1924 A	Brooklyn
Coffin, Edna Marilla	1922 A	Homer
Cohen, Charles	1924 A	Brooklyn
Cohen, Dorothy Rosen	1924 A	Buffalo

Cohen, Grace Elsie	1925	A	Cold Spring
Cohen, Heffren Jay	1926	A	Buffalo
Cohen, Ira Marsop	1922	A	Middletown
Cohen, Isaac	1923	Ag	Brooklyn
Cohen, Julius Nathaniel, B.S.	1922	MD (N.Y.C.)	New York City
Cohen, Katharine	Sp Ag		Merriewold
Cohen, Leon Jerome	1925	A	New York City
Cohen, Leonard Frank	1925	A	New Rochelle
Cohen, Loeb	1924	A	Brooklyn
Cohen, Miriam	1922	A Grad.	New York City
Cohen, Nathalie Vera	1922	A	Paterson, N. J.
Cohen, Samuel Meyer	1923	C	Bridgeport, Conn.
Cohen, Sidney Gerald	1925	A	New York City
Cohen, William	1922	A	New York City
Cohen, Woolf, M.A.	Grad		Toronto, Ont., Canada
Cohn, George Mitchell	1925	A	Newark, N. J.
Cohn, Jessie	1924	A	New York City
Cohn, Morris	1925	A	New York City
Coker, Richard Gay, A.B.	1924	M	Hartsville, S. C.
Colberg, Rodolfo, jr.	1923	A	Cabo Rojo, P. R.
Colby, Horace Farnham	1923	FA	Pontiac, Mich.
Colby, Thomas Berry	1923	Ag	Pontiac, Mich.
Colcord, Alice Belle	1925	A	Coudersport, Pa.
Cole, Ethel Ahnora	1926	Ag	Clay
Cole, James Thurston	1924	M	Ithaca
Cole, John Jay	1923	M	Buffalo
Cole, Kenneth Watkins	1922	M	Avon
Cole, Mildred Edith	1925	Ag	Clay
Cole, Ralph Emerson	1924	A	Utica
Cole, W. Storrs	1925	Ag	Albany
Coleman, DelRey Winslow	1924	E	Washington, D. C.
Coleman, Donald Whittaker	1924	FA	Brooklyn
Coleman, James Edward	1925	E	Scranton, Pa.
Coleman, Robert Sheldon	1924	M	Wichita, Kans.
Coleman, William Worthly	1922	A	New York City
Colestock, Claire, A.B.	1925	MD (N.Y.C.)	New York City
Collin, Frank Coit	1925	A	Fayetteville
Collins, Arthur John, jr.	1923	Ag	Moorestown, N. J.
Collins, Edwin Lonsdale	Sp A	(Chem)	Bainbridge
Collins, John Harding, B.E.	Grad		Chestertown, Md.
Colman, Wallace, A.B.	Grad		Crawfordsville, Ind.
Colston, Lloyd	1925	M	Binghamton
Colt, Leonard Beeber	1922	M	Pelham
Colton, Mildred Lavina	1923	Ag	Sherburne
Colucci, Frederic William	1924	C	Newark, N. J.
Colvin, Donald	1924	Ag	Glenview, Ill.
Combemale, Robert Yves	1923	M	New York City
Comstock, Oliver Dixon	1924	A	Brooklyn
Condie, Douglas King	1925	FA	Ferguson, Mo.
Condit, William Chapin	1922	A (Chem)	Ithaca
Condon, George Tolman	1923	M	Oak Park, Ill.
Cone, Katherine Sara	1924	A	Unadilla
Cone, Willard Ray, B.S.	Grad		Alfred
Coneby, Harvey Edgar, jr.	1924	M	Baltimore, Md.
Congdon, Charles Clement	1922	Ag	Norfolk
Conklin, Frederick Samuel	1922	M	Shelter Island Heights
Conkling, Frank Ellsworth, jr.	1922	C Grad.	Patchogue
Conley, Arthur	1925	A	Cohocton
Conlon, Lawrence Hayes	1923	V	South Lansing
Connaughton, George Howard	1922	A	Albuquerque, N. Mex.
Connell, Grace Helena	1925	A	Troy
Connelly, George Gartland	1924	A	Elmira
Conner, Florence Marie	1924	A	East Stroudsburg, Pa.
Conrad, Herbert Frank	1923	M	Buffalo
Conradis, Albert Earl	1923	A	Washington, D. C.
Conroy, Eugene Joseph	1925	A	Oneida
Conroy, Joseph Edwin, M. D.	Sp MD (N.Y.C.)		New York City
Cordermo, George Washington, M.D.	Sp MD (N.Y.C.)		New York City
Conwell, Dorothy	1923	M	Elmhurst
Cook, David Bigelow	1924	Ag	Albany
Cook, David Seaver	1924	Ag	South Byron
Cook, Henry Francis	1924	A	Albany
Cook, Junius Ford	1922	E	Whitney Point
Cook, Louis Eugene	1925	A	Ithaca
Cook, Murray Joseph	Sp L		Ashtabula, Ohio
Cook, Nelson Evans	1922	A	Wheeling, W. Va.
Cook, Owen Shepard	1922	M	Evanston, Ill.
Cook, Ruth Hunt	1924	A	Plandome
Cook, William Frederick	1925	Ag	Whitney Point
Cooke, Oscar Herbert	Sp Ag		Lyons Falls

Cooley, Charles Ransom, B.S.	Grad	Oberlin, Ohio
Cooley, Earl Eleazer	1922 M	Milford, N. H.
Cooley, Elizabeth Content	1922 Ag	Bozeman, Mont.
Coon, Arthur Munson	1925 A	Buffalo
Coon, Michael Melvin	1924 A	Arverne
Coon, William Hammill	1922 L	Homer
Cooper, Charles Bryant, jr	1923 Ag	Honolulu, Hawaii
Cooper, George	1922 A	Brooklyn
Cooper, Herbert Press, M.S.	Grad	Warsaw, N. C.
Cooper, John Bradley	1925 M	Nunda
Cooper, John D., jr	1925 A (Chem)	Louisville, Ky.
Cooper, Ray Sweet, A.B.	1923 L	Horseheads
Cooper, Wilbur Stanley	1923 E	Rochester
Copeland, Abner Joseph	1925 A	New York City
Copeland, Abraham, B.S.	Grad	Dannemora
Copeland, Dwight Lothrop	1923 C	West Bridgewater, Mass.
Copley, Kenneth Forest	1925 A (Chem)	Salem, Mass.
Copp, Herbert Guy	1922 M	Rock Island, Ill.
Coppoletta, Joseph Michael	1924 A	Cliffside Park, N. J.
Corbett, Laurence Ward	1924 Ag	Takoma Park, D. C.
Corbett, Roger Bailey	1922 Ag	Takoma Park, D. C.
Corbin, John	1925 M	Mountain Lakes, N. J.
Corbin, Paul Eugene	1922 A (Chem)	Ithaca
Corcoran, William Bryan	1925 C	Montclair, N. J.
Corey, Robert Brainard, B. Chem	Grad	Barberton, Ohio
Cormack, Maribelle	1923 A	Buffalo
Cornblum, Edward	1922 L	Buffalo
Cornehlisen, Henry Christian, jr	1924 A	Brooklyn
Cornell, Ezra	1923 E	San Rafael, Cal.
Cornell, Helen Lois	1923 A	Buffalo
Cornell, John Samuel	1924 A	Corning
Corney, Blair Shipman	1922 C	New York City
Cornish, Edward Harrison	1922 A	Cortland
Cornwall, Esther	1922 Ag	South Wales
Cornwall, Laurance	1923 M	Rye
Cornwell, Ralph Thomas Kline, B. Chem	Grad	Northumberland, Pa.
Correa da Silva, Francis	1926 C	Rio de Janeiro, Brazil
Corson, Mildred Wirt	1924 A	Savannah, Ga.
Cortina, Victor Manuel	1923 C	San Pedro de Macoris, Santo Domingo
Corwith, Arthur Edward	1924 A	Water Mill
Cosby, Frank Clark, jr	1925 M	Brookline, Mass.
Cosgrove, John Daniel	1926 C	New York City
Cossart, Maynard Guy	1925 A	Sharon Springs
Costello, Ivan Thomas	1925 Ag	Livonia Center
Cotton, John Flinttoff	1925 A	Ithaca
Cottrell, Casper Lehman, A.B.	Grad	Reading, Pa.
Coughlin, Emma Evelyn, A.B.	Grad	Luzerne, Pa.
County, William Fraley	1925 E	St. Davids, Pa.
Coupal, Edward Taylor	1923 E	Buffalo
Courtney, John	Sp Ag	Ithaca
Courtright, Alva Vattier	1924 E	Circleville, Ohio
Covas, Perfecto Antonio	1925 C	Manila, P. I.
Covell, Helen Brownell	1925 Ag	Ithaca
Covell, Marion Ovallee	1925 Ag	Ithaca
Cover, Howard Wayer	1926 C	Goshen, Ind.
Covert, Kenneth Clinton	1924 Ag	Moravia
Covert, Marion Elizabeth	1925 Ag	Auburn
Coville, Cabot	1923 A	Washington, D. C.
Cowan, Charles Rogers	1926 E	New York City
Cowan, James Samuel	1922 Ag	Hobart
Cowan, John Mark	1922 M	Hobart
Cowan, Marcy Hamilton	1924 A	Brooklyn
Cowdery, Arthur Root	1925 A	Glens Falls
Cowles, Raymond Bridgman, B.A.	Grad	Muzumbe, Natal, S. Africa
Cowley, Rafael Mario	1922 M	Havana, Cuba
Cowley, Raoul Faust, A.B.	1922 Ag	Havana, Cuba
Cox, Herbert Morris	1924 V	Monroe
Coykendall, John Eastland	1925 Ag	Maplewood, N. J.
Coyne, Edwin Christopher	1925 A	Yonkers
Crabtree, Ruth Foster, B.S.	1924 MD (N.Y.C.)	Montgomery
Crabtree, Theodore Hudson	1923 E	Staten Island
Cracco, Frederick Anthony	1924 MD (N.Y.C.)	Jersey City, N. J.
Cracovaner, Alex	1923 A	New York City
Craft, Russell LaFayette	1923 A	Herrick Centre, Pa.
Craig, John Earl, B.S.	1922 C	Roanoke, Va.
Craighead, Samuel Judson	1922 C	Wilksburg, Pa.
Cramer, Elizabeth Estelle	1925 A	Ward, W. Va.
Cramer, John Cowle	1924 M	Cleveland, Ohio
Crampton, Albert Mason	1922 L	Moline, Ill.
Crandall, Francis Wallace	1926 E	Tell City, Ind.

Crandell, Dean DeForest	1922	A (Chem)	Waverly
Crane, Florence Bartholomew	1925	A	Hammondsport
Crane, Perry Benson	1922	L	Brooklyn
Crane, Roderic Baird	1922	M	Omaha, Nebr.
Crane, William Iler, jr.	1924	A (Chem)	Woodhaven
Crapster, Catherine Elizabeth	1924	Ag	Taneytown, Md.
Crawford, Charles Anthony	1925	A	Chicago, Ill.
Crawford, Gertrude Blair		Sp Ag	Ithaca
Crawford, Lucy Shepard, A.B.		Grad	Brooklyn
Crawford, William, jr.	1923	C	Schenectady
Crawford, William Rush	1924	V	Ithaca
Crichton, Robert Ross	1923	E	Bremerton, Wash.
Crisfield, Lloyd Zabriskie	1923	M	Brooklyn
Crissey, Stephen Roy	1922	Ag	Glenwood, N. J.
Crist, Marion Elizabeth	1925	A	Cooperstown
Crockin, Albert Sylvester	1924	L	Portsmouth, Va.
Crofoot, David Wilson	1923	A	Noroton, Conn.
Crofoot, Florence Carolyn	1925	Ag	Little Falls
Croll, Robert Samuel	1924	M	East Orange, N. J.
Crook, William Frederick	1923	A	Hicksville
Crooks, James William	1925	M	Williamsport, Pa.
Cross, Ben Whiteley, jr.	1924	M	Pittsburgh, Pa.
Cross, Edward Hough	1923	Ag	Gainesville
Cross, Harold Ritchie	1923	Ag	De Kalb Junction
Cross, Marguerite Cecelia	1925	A	Elmhurst
Crossman, John Seymour	1924	Ag	Newfane
Crosthwait, George Nettelton	1924	E	Dallas, Texas
Crouch, Arthur Weir	1923	C	East Aurora
Crouch, Paul Austin	1924	A	Syracuse
Crouse, Nellie Maynard, A.B.		Grad	Ithaca
Crowell, James White, S.B., A.M.		Grad	Ithaca
Crowell, Victor Leroy	1924	Ag	Brewster
Crowley, John Michael	1925	Ag	White Plains
Crowley, Thomas Francis	1925	A	Oswego
Crowne, Irving Henry	1922	M	New York City
Croxton, Herbert Pease	1923	M	Massillon, Ohio
Crozier, George Douglas	1924	A	Honolulu, Hawaii
Crump, Enid	1922	A 1925 MD	New York City
Crusel, Cornelius Campbell	1922	C	New Orleans, La.
Cruz, Carlos	1923	M	Guatemala City, C. A.
Cubbon, Miles Hugo, B.S.		Grad	Oil City, Pa.
Cubler, Edwin Clarence	1922	C	Philadelphia, Pa.
Cuffe, Edward Youll	1925	E	Toronto, Ont., Canada
Culley, Paul Gamber, A.B.	1925	MD	Ithaca
Culver, Joseph Irwin	1922	A (Chem)	New York City
Cummings, Josephine Starr	1924	A	Centreville, Mich.
Cunneen, Anna Elizabeth	1922	Ag	Port Jervis
Cunningham, Gladys	1923	A	Atlantic City, N. J.
Curran, Harold Raymond, B.S.		Grad	Buffalo
Currier, Arnold John, A.B., M.S.		Grad	Hamilton
Curry, John Robert	1924	Ag	Blue Mountain Lake
Cursons, Lucy Isabel	1924	Ag	Buffalo
Curtis, Charles Goulding	1926	Ar	Jamaica Plain, Mass.
Curtis, Dorothy	1923	A	Hoboken, N. J.
Curtis, Egbert Townsend	1923	A	Philadelphia, Pa.
Curtis, Elbert Lewis Beers	1925	A	Oneonta
Curtis, Elsie	1923	A	Brooklyn
Curtis, Gordon Ayres	1923	Ag	Shoreham
Curtis, Justin Cairns	1923	Ag	Albany
Curtis, Lester Ross	1925	C	Geneva
Curtis, Norvelle Elliott	1925	A	Waymart, Pa.
Curtis, Ralph Raymond, A.B.		Grad	Shoreham
Curtiss, Leon Francis, A.B.		Grad	Ithaca
Curts, Robert Morison	1923	A (Chem)	Paterson, N. J.
Cushing, Edward Raymond, D.V.M.		Grad	Ithaca
Cushing, Mary Acomb		Sp Ag	Ithaca
Cushman, Edward Van Cleft	1922	A	Norwich
Cushman, Howard Baker	1922	A	East Aurora
Cushman, Margaret Allerton	1923	Ag	Ithaca
Daddysman, Reginald Allen	1922	C	Medford, Ore.
Dadisman, Andrew Jackson, M.S. Agr.		Grad	Morgantown, W. Va.
Dahl, Charles Hugo	1923	A (Chem)	Staten Island
Dahme, Florence Evelyn	1925	Ar	Long Island City
Daily, William Thomas, B.S.	1925	MD (N.Y.C.)	Babylon
Dale, Dwight Conn	1924	A	Franklin, Pa.
Daley, Cecil Alexander	1924	Ag	Arlington
Dallas, William Burnside	1924	C	Haddon Heights, N. J.
Dalton, John	1922	M	Schenectady
Dalton, Philip	1924	A	Schenectady

Daly, Florence	1924 A	Stapleton
D'Ambrosi, Faust Joseph, A.B.	Grad	Ithaca
Dammeyer, Marion Alberta	1924 Ag	Washington, D. C.
Damon, Henry Gilroy	1924 C	Lansdowne, Pa.
Danes, Jean Louise	1923 Ag	Homer
d'Angelo, Aristide	1923 A	Corona
Dangler, Alfred	1922 M	Cleveland, Ohio
Dangler, Allan Eugene	1923 M	Cleveland, Ohio
Daniel, Lawrence Handy, B.A.	1924 E	Havana, Cuba
Daniels, Helen	1922 Ag	Gilbertsville
Daniger, Harry Eliot	1925 A	Cedarhurst
Danishefsky, David, B.S.	1923 MD (N.Y.C.)	New York City
Dann, Walter Rowling	1922 Ag	New Haven, Conn.
Darby, Julian Paul	1924 A	Cortland
Dare, Florence Champion	1924 A	Pitman, N. J.
Darling, Elliott Winchester	1925 Ar	Baltimore, Md.
Darling, Frederick Ernest	1925 M	New York City
Dart, Robert Franklin	1925 A	Gloversville
Dassance, Alice Catherine	1923 A	Newfield
Dates, Helen Dorothy	1922 Ag	Groton
Dattelbaum, David Nathaniel	1922 A Grad	Woodmere
Daugherty, Edgar Sterling, M.E.	Grad	Crisfield, Md.
Davenport, Nellie	1922 Ag Grad	Accord
Davenport, Samuel Sloan	1925 E	Buffalo
Davey, Thomas Trude, jr.	1923 C	Northport
Davidson, Charles Lybrand	1924 L	Sault Ste. Marie, Mich.
Davidson, Francis Harley	1924 Ag	Kenmore
Davidson, William Lucian	1923 Ag	Holland Patent
Davies, Ernest William	1924 Ag	Westfield, N. J.
Davies, Horace Franklin	1922 A	Roselle, N. J.
Davies, William Henry	1923 Ag	Mount Vernon
Davila, Alfredo	1924 C	Bogota, Colombia
Davis, Benton Walter	1925 M	Cleveland, Ohio
Davis, Chester Coughran	1922 Ag	Castile
Davis, Daniel Beach	1924 E	Ithaca
Davis, David Floyd, jr.	1925 Ag	Brooklyn
Davis, Emery Joseph	1926 M	Akron
Davis, Evelyn Nancy	1922 A	Haddonfield, N. J.
Davis, Frances Esther	1923 Ag	Pitcher
Davis, Fred	1925 C	Washington, D. C.
Davis, G. Richard, jr.	1925 A	New York City
Davis, Hal Robert	1924 C	Galveston, Texas
Davis, Harold Kenneth	1925 A	Cleveland, Ohio
Davis, Herbert Briggs	1923 Ag	Varysburg
Davis, Irene, A.B.	1924 MD (N.Y.C.)	Pittsburgh, Pa.
Davis, James Elwood	1924 Ag	West Albany
Davis, Laclair Warner	1924 Ag	McDonough
Davis, Leonard Harlan	1923 L	Cleveland, Ohio
Davis, LeRoy Milton	1923 C	Buffalo
Davis, Marie Euphrasia	1923 A	Olean
Davis, Mary Melara	1925 A	Flushing
Davis, Samuel Elmer	1922 Ag	West Albany
Davis, Walter Alan	1924 A	New York City
Davison, Alice	1923 Ag	Lynbrook
Davison, Hal McCluney, Phar. B., A.B.	Sp MD (N.Y.C.)	Atlanta, Ga.
Davison, Lester	1922 A	St. Joseph, Mo.
Dawson, Francis Murray, B.Sc., M.C.E.	Grad	Ithaca
Day, Lawrence William	1925 E	Rochester
Dean, Adele Alice	1923 Ag	Rochester
Dean, Arthur Hobson, A.B.	1923 L	Ithaca
Dean, Charles Willis, jr.	1923 M	Ridgewood, N. J.
Dean, Florence Franklin	1924 A	New York City
Dean, Gertrude Blanch	Sp Ag	Ithaca
Dean, Marjorie May	1924 Ag	Boonville
Dean, Robert George	1925 A	Middlebury, Conn.
*Dean, Sophronia Margaret	1923 Ag	Trumansburg
DeBaun, Roger Watson	1924 Ag	Elizabeth, N. J.
DeCamp, Clayton Earl	1923 V	Ithaca
Dechert, Daniel Orville, jr.	1924 A	Harrisonburg, Va.
Decker, Ruth Alma	1924 A	Bloomfield, N. J.
de Forest, Mulford David, A.B., B.S.	Grad	Schenectady
Deghuae, Marion	1925 A	Brooklyn
Deibert, Olin, M.A.	Grad (N.Y.C.)	New York City
de Icaza, Mariano, A.B., M.P., B.S. in Agr	1925 M	Ithaca
Deisler, Mildred Eleanor	1924 A	Brooklyn
de Jarnette, William Pou	1925 C	Montgomery, Ala.
De Jong, Ruth May	1924 A	Nyack
Delaney, Frances Mary	1922 C	Watervliet

*Deceased.

DeLany, Dorothy Celia	1923	Ag	Ithaca
Delap, Helen	1923	A	Kansas City, Mo.
Delario, Anthony James	1924	A	Elmira
Delbourgo, Jacob Joseph	1924	C	New York City
DeLong, Scofield	1925	Ar	Omaha, Nebr.
Demerec, Milislav, Eng. Ag	Grad		Ithaca
Demerjian, Avides	1924	Ag	Troy
Denhard, August Adam	1925	M	Baltimore, Md.
Denler, Leo Nicholas	1923	Ar	Buffalo
Dennis, Bernice Maude	1925	A	Ithaca
Dennis, Edward Benson, jr.	1925	C	Crisfield, Md.
Dennis, Frank Selman	1925	A	Ithaca
Dennis, Gerald Munroe	1922	M	Chicago, Ill.
Dennis, William Albert	1925	V	Earlville
Denniston, Kathryn Ruth	1923	Ag	Uniontown, Pa.
Denton, Elsie Mildred, A.B.	Grad		Ithaca
Denton, Gilbert Henry, jr.	1922	A	Denver, Colo.
DeProsse, Alexander Robison	1925	Ar	Hudson
Derham, John Francis	1924	A	Rosemont, Pa.
Derrick, Clara Harriet	Sp A		Jamestown, N. J.
Deuel, Frances Barbara	1923	Ag	Chittenango
Deuel, Harold Edwin	1924	A	Lewistown, Pa.
de Villiers, Francois Jean, B.A., M.S.	Grad		Cape Town, South Africa
DeVult, Harold Moon	1923	V	Barneveld
Dewar, Joseph Kyle	1922	A	Bellevue, Pa.
Dewey, Doris Bell	1922	A	Castile
Dewey, Jean Christine	1924	A	Castile
Dewey, Raymond Adelbert	1925	M	Albany
DeWitt, Charles VanNess	1925	E	Wallkill
DeWitt, Katherine Eliza	1925	Ag	Portland, Ore.
Dexter, Milton Gregory	1924	M	Pawtucket, R. I.
Diamond, Joseph Henry, A.B.	1922	MD (N.Y.C.)	New Brighton
Diamond, Walter James	1925	C	Wilkinsburg, Pa.
Dicianni, Leo James	1922	E	Buffalo
Dickinson, Dorothea Claire	1923	Ar	New York City
Dickinson, Frank, B.A.	Grad		Yarmouth, N. S., Canada
Dickson, Anna Helen	1925	Ag	Bovina Center
Dickson, Frank, B.A.	Grad		Ithaca
Dickson, Marjorie Isabel	1923	A	Bovina Center
Dieckmann, Johanna Mary, A.B.	1924	MD (N.Y.C.)	Buffalo
Diehl, Edward Peter	1923	C	New York City
Dietze, Charlotte Amy, A.B.	Grad		New Orleans, La.
DiGiovanna, Anthony Joseph	1926	A	Brooklyn
DiGiovanna, Frank Francis	1925	Ag	Brooklyn
Digney, James Charles	1925	Ag	Brooklyn
Dikeman, Raymond Charles, B.S.	Grad		Ithaca
Dingle, Della Sara	1922	A	Burlington, Ont., Canada
Di Renzo, Julius	1925	Ar	Netcong, N. J.
Dissinger, Ira Thorne-Clement, A.B.	Grad		Sunbury, Pa.
Ditcheck, David Nathan	1924	V	Brooklyn
Dittmar, Clarence Conrad	1924	M	Struthers, Ohio
Dixon, Evalyn Elizabeth, A.B.	Grad		Avon, Ill.
Doane, George Herbert, B.S., M.A.	Grad		Cheyenne, Wyo.
Dobert, Vera	1924	Ag	Highland
Dobmeier, Theresa Ida	1925	A	Buffalo
Dobroscky, Irene Dorothy	1923	Ag	Yonkers
Dodd, William Alexander	Sp Ag		Ithaca
Dodenhoff, William Dorr	1924	C	Atlanta, Ga.
Dodge, Stephen Webster	1924	A (Chem)	Brooklyn
Dodge, Wilson Shannon	1922	M	Cleveland, Ohio
Dodson, Allan Frost	1924	M	Buffalo
Dodson, Willard Forrest	1923	M	Trenton, N. J.
Doelling, Klaus Walter	1923	Ag	New Rochelle
Doering, Paul Montgomery	1925	M	River Forest, Ill.
Dohm, William Herman	1923	V	New York City
Dohme, Elizabeth Purdue	1926	A	Larchmont
Dohring, Ferdinand William	1924	M	Lockport
Doig, Russell Irving	1923	Ag	Orange, Cal.
Dolbeare, Harwood Burrows, A.B.	Grad		Norwich, Conn.
Dollbaum, Frederick Justus	1925	A	Stonington, Conn.
Dollbaum, Henry Joseph	1923	M	Stonington, Conn.
Domina, Salvatore Charles	1925	A	Staten Island
Dominick, John Henry	1922	L	Buffalo
Donahoe, Walter Richard	1923	V	Sauquoit
Donahue, Raymond Webb	1923	Ag	Southold
Donaldson, Lewis Henry	1923	Ag	Norwich
Donaldson, Stuart Shaw	1923	M	Toledo, Ohio
Doniger, Harry Eliot	1925	Ag	Cedarhurst
Donnell, Elva Rose	1923	A	South Amboy, N. J.
Donner, Samuel, B.A.	1923	MD (N.Y.C.)	Hartford, Conn.

Donovan, Daniel Raymond	1923 A (Chem)	Brooklyn
Donovan, Thomas Leroy	1924 A	New Cumberland, W. Va.
Doppel, Alfred Arthur	1924 Ag	Brooklyn
Doremus, Burton Terhune	1923 M	Red Bank, N. J.
Doremus, Thomas Peter	1922 A	Red Bank, N. J.
Doren, Elizabeth Holmes	1925 A	Ogdensburg
Dorf, Philip	1924 Ag	Hunter
Dorr, Eleanor McElroy	1922 A	Ithaca
Dorr, Irwina Read	1924 A	Ithaca
Dorrance, Samuel B.	Sp Ag	Holcomb
Dorris, Fred Markham	1925 M	Buffalo
Dorsey, Ernest, B. S.	Grad	Dresden, Ohio
Dorsey, Jerry Spires	1922 A	Hico, Texas
Doss, Nancy Elizabeth	1922 A	Shelbyville, Ky.
Doty, Robert Levant	1925 A	Geneseo
Dougan, William Rolland	1922 A (Chem)	Little Neck
Douglas, John Arthur	1923 Ar	Ithaca
Douglass, James Robert, B.S.	Sp Ag	Jonesville, S. C.
Douglass, William Boone, jr.	1922 A	Washington, D. C.
Douglass, William Courtney, B.S.	1925 MD (N.Y.C.)	Shanghai, China
Douqué, Lois Antoinette	1924 Ag	Herkimer
Dow, Lafayette Francis, A.B.	Grad	South Paris, Me.
Dow, Raymond	1925 C	New York City
Dower, Sidney Irving	1925 C	Bridgeport, Conn.
Downer, Lee Montgomery	Sp Ag	Forestville
Downing, Louise Arlene	1925 A	Saranac Lake
Downs, Ernest Waldo	1923 C	Danbury, Conn.
Downs, Paul Andrew, M.S.	Grad	Waterbury, Conn.
Downs, Sewell Henry	1922 M	Riverhead
Doyle, Arthur Henry, M.A.	Grad	Brooklyn
Doyle, Edward William	1925 A	Utica
Doyle, Frank Butler, B.S.	Grad	Bethany, Ill.
Drabkin, David Lion, A.B.	1924 MD (N.Y.C.)	New York City
Drago, Louis, A.B.	1922 L	Brooklyn
Drake, Helen A.	Sp Ar	Bayside
Drake, Kathryn	1924 A	Bethlehem, Pa.
Dredla, Frank James	1924 C	Crete, Nebr.
Drew, Charles Wallace	1926 Ar	Philadelphia, Pa.
Drew, Muriel Ashenfelter, A.B.	Grad	Philadelphia, Pa.
Drew, William Albert, jr.	1926 M	New York City
Driscoll, Edward Jerome	1925 A (Chem)	Ithaca
Driscoll, James Henry, jr.	1924 A	Lakewood, Ohio
Drucker, Fannie Dollinger	1923 A	New York City
Druckerman, George Jacob	1923 Ag	Brooklyn
Drumtra, Donald Lesser	1925 A	Binghamton
Dryden, Harry William, jr.	1925 E	Schenectady
Dubóé, Carlos Hector	1923 E	La Plata, Argentina
Duchesne, Margaret Mendenhall	1923 A	Buffalo
Dudley, Harold Jenkins	1922 C	Silver Creek
Duffies, Ada Louise	1923 A	Washington, D. C.
Duffy, James Everett	1926 C	Olean
Duffy, Laura Alice	1924 Ag	Olean
Duffy, Vincent Charles	1926 C	Paterson, N. J.
Duggar, Marie Louise	1925 A	St. Louis, Mo.
Duley, Wade	1923 A	Port Jervis
DuMond, Marion	1924 Ag	Kingston
Dun, Angus Waltham	1926 Ar	Shihaku, Tokyo, Japan
Dun, John Graham	1924 M	Englewood, Ohio
Dunbar, Alfred William	1924 A	Gasport
Duncan, Albert Stanley	1922 M	Brooklyn
Duncan, John Allison	1925 A	Cleveland, Ohio
Duncan, William McKinley, jr.	1924 A	Cleveland, Ohio
Dunham, George Shellabarger	1922 M	Chicago, Ill.
Dunham, Richard Roy	1925 A	Hornell
Dunham, Theodore, jr., A.B.	1925 MD (N.Y.C.)	New York City
Dunovant, Robert Gill Mills, A.B.	1924 MD (N.Y.C.)	Edgefield, S. C.
Durand, Anna Perry	1924 A	St. Paul, Minn.
Durland, George Reeve	1924 A (Chem)	Goshen
Duryea, Garrett DeNyse, A.B.	1924 MD (N.Y.C.)	Brooklyn
Duryea, Hewlett Hoffman	1924 E	White Plains
Duryea, Leslie Noyes	1922 M	Auburn
Dyett, Edmond Granger	1923 A	Buffalo
Earman, Joseph Simms	1925 Ag	West Palm Beach, Fla.
Eason, Norman Henry	1923 Ag	Schuyler Lake
Eastlack, Joseph O'Leon	1922 Ag	Woodbury Heights, N. J.
Eaton, Charles Aubrey, jr.	1925 A	Plainfield, N. J.
Eaton, Clarence Gordon	1925 E	Tonawanda
Eaton, Mildred Estabrook	1922 A	Nyack
Eaton, Rodney Chapin	1923 Ag	Nyack

Eben, James Weller	1925 A.	New York City
Eber, Cyril	1925 A.	Rochester
Ebersole, Harold Leon	1923 A.	Montclair, N. J.
Ebersole, Raymond Arthur	1924 Ag.	Montclair, N. J.
Eberson, Frederick, Ph.D.	1925 MD (N.Y.C.)	Brooklyn
Eckerson, Harold Irving	1922 M.	Akron
Eckhardt, Ralph Augustine	1925 MD (N.Y.C.)	Rochester
Ecks, Beatrice Louise	1924 A.	New York City
Eddy, John Lindley, jr.	1924 A.	Ridgewood, N. J.
Eddy, Kathryn Elizabeth Sanford	1925 Ag.	Glens Falls
Eddy, Laurence Wilson	1922 M.	Bridgeport, Conn.
Eddy, Winslow	1926 E.	Wellesley, Mass.
Edmonds, John Franklin	1923 M.	Pittsburgh, Pa.
Edmondson, George Mountain	1926 Ar.	Cleveland, Ohio
Edmunds, George Mercer	1926 Ag.	Ithaca
Edmundson, Haywood, A.B.	Grad.	Raleigh, N. C.
Edsell, Elizabeth Ada	1922 A.	Cedarhurst
Edson, Edith Mae	Sp Ag.	Rochester
Edstrom, Bjorn Randall	1925 C.	Vesteras, Sweden
Edwards, Arthur Robinson	1922 A.	Marysville, Ohio
Edwards, Dorothy, B.S.	1922 MD (N.Y.C.)	Tallula, Ill.
Edwards, Harold Bostwick	1923 L.	Minneapolis, Minn.
Edwards, Leonard Joseph	1924 A (Chem)	Cortland
Eells, Walter Elmer	1925 A.	Walton
Egbert, Norman Lyle	1924 M.	South Lansing
Egeberg, Roger Olaf	1924 A.	Gary, Ind.
Ehrhart, Daniel Diehl	1925 E.	Hanover, Pa.
Eichen, Seymour Dubois	1925 A.	New York City
Eidam, Bernhard Zorn	1923 Ag.	Tompkinsville
Eidt, George Dewey	1922 M.	New York City
Eiler, Robert William	1925 Ag.	Pittsburgh, Pa.
Eisenberg, Beatrice	1925 A.	Brooklyn
Eisenberg, Helen	1923 A.	Brooklyn
Eisenberg, Jacob Myron	1925 Ag.	Brooklyn
Eisenhauer, Franklin Sylvester	1925 A (Chem)	Walnutport, Pa.
Eisner, Arthur	1923 E.	Trenton, N. J.
Eldredge, Delmer Cornelius	1924 Ag.	Omaha, Nebr.
Eldredge, Esther	1924 A.	Melrose, Mass.
Elkan, Stanley Abe	1923 C.	Macon, Ga.
Elkins, William James	1925 M.	Thomson
Ellenwood, Cecelia Freeman Atherton, A.B.	Sp Ag.	Ithaca
Elli, Eduardo Luis Enrique	1922 M.	Buenos Aires, Argentina
Elliott, Charles Alexander	1924 M.	Jackson, Tenn.
Elliott, Martha	1922 A.	New York City
Elliott, William Perry, A.B.	1923 MD (N.Y.C.)	New Berlin
Elliott, William Whitfield, A.M.	Grad.	Darlington Heights, Va.
Ellis, Harold Montague	1924 A (Chem)	Long Island City
Ellis, Howard Charles	1923 A (Chem)	Waverly
Ellison, John Franklin	1924 Ag.	Corning
Ellison, Lillian Katherine	1922 A.	Williamsburg, Ky.
Elsbree, Hugh Langdon	1926 A.	Preston Hollow
Elson, John James	1922 A.	Tonawanda
Elwood, Willis Henry	1922 M.	Lockport
Embach, Lee Durstine	1925 C.	Indianapolis, Ind.
Emerick, Arthur Hill	1924 Ar.	Syracuse
Emerson, James Strohm	1924 M.	New York City
Emerson, Sterling Howard	1922 Ag.	Ithaca
Emerson, Thera, B.S.	Grad.	Ithaca
Emery, Stephen Albert	1923 A.	Brooklyn
Emery, William Thalheimer	1922 A.	Brooklyn
Engel, Edward William	1925 M.	Amsterdam
Engelder, Miriam	1925 A.	Wellsville
Engle, Esther Hannah	1925 Ag.	Medford, N. J.
English, Mary Frances	1924 A.	Easton, Pa.
Ensor, John Stokes, jr.	1923 E.	Baltimore, Md.
Epstein, Haskel	1922 M.	Brooklyn
Epstein, Jacob	1924 A.	Hunter
Epstein, Jacob Robert	1925 A (Chem)	Hampton, Va.
Epstein, Mildred Helen	1922 A.	Elmira
Erde, Joseph	1925 A.	Brooklyn
Erickson, Rudolf Thure	1923 C.	Harrison
Ernst, Elsa Sophia	1923 Ag.	New York City
Ersley, Minnie Davis, B.S.	Grad.	Greenwood
Ertman, Vincent Albert	1922 Ar.	Herkimer
Eskesen, Aslag Hallum	1923 A.	Westfield, N. J.
Esplot, Orville Guy	1925 A.	Whittier, Cal.
Esquivel y Frias, Prudencio, B.S.C.E., M.S.I.	Grad.	Jaen, Nueva Ecija, P. I.
Estenes, Volckers René	1926 C.	Aguadilla, P. R.
Esterbrook, Richard Andrews	1923 M.	Cleveland, Ohio
Estill, Richard Slagle	1924 C.	Shawnee, Okla.

Eustance, Harry Winfield	1924	C	Batavia
Evans, Anne Elizabeth	1924	A	Conklin
Evans, Dennis Grooms, B.A.	1925	MD (N.Y.C.)	Tompkinsville
Evans, Frederick Stokes	1923	C	Penfield, Pa.
Evans, Gwendolin Harriet	1922	A	New York City
Evans, Haydn Roth	1925	A	Cincinnati, Ohio
Evans, Jennette, B.S.	1922	MD (N.Y.C.)	Conklin
Evans, Lewis C.	1924	L	Helena, Mont.
Evans, Mildred Olive	1924	Ag	Niagara Falls
Evans, Robert Gordon	1925	A	New York City
Evans, Robert Langworthy	1924	Ag	Westfield, N. J.
Evans, Thomas Beverly, B.S.	1922	C	Church View, Va.
Evans, William Harold	1922	C	Rome
Everett, Julian Gallup	1925	Ar	Auburn
Everitt, William Littell	1922	E	Ossining
Everts, Herman Price	1923	Ag	Auburn
Ewald, Walter August Julius	1922	Ag Grad	Utica
Ey, Lily	1924	Ag	Woodside
Eyster, Lewis Arthur, A.B., M.S.	Grad		Fisher's Ferry, Pa.
Faber, Addie Guldise	1924	Ag	Ithaca
Fabiansky, Edward Sydney	1922	A	Buffalo
Facius, Elizabeth Fredericka	1925	A	Pittsburgh, Pa.
Fagundes, Nestor Barcellos, B.S. in Agr	Grad		Pelotas, Brazil
Fahl, Stella Reed	1922	Ag	Reading, Pa.
Fairbanks, Andrew Jason	1924	M	Watertown
Fairbanks, Frank Latta	Sp Ag		Ithaca
Fairfax, Thomas Russell	1924	M	Geneva
Falconer, Harold Alexander	1923	C	Chicago, Ill.
Falk, William Louis	1925	Ag	New York City
Fancher, Harry Simon	1925	M	Montrose, Pa.
Fang, I. Pu	1923	C	Peking, China
Fang, Payson	1925	M	Peking, China
Faris, Frederic	1923	Ar	Wheeling, W. Va.
Farley, Edward John	1923	A	New York City
Farley, Theodore Sumner	1922	E	Ithaca
Farman, Wilson Lewis	1925	A	Fayetteville
Farnham, Irving Tupper	1924	A	West Newton, Mass.
Farnham, Richard Bayles	1923	Ag	Ithaca
Farnham, William Hursh, A.B.	1922	L	Buffalo
Farnsworth, Ardella	1923	Ag	Wadhams
Farr, Morris DeWolfe	1925	M	Tunkhannock, Pa.
Farr, Walter John	1925	MD (N.Y.C.)	Hoboken, N. J.
Farrand, Margaret Kate	Sp Ag		Ithaca
Farrar, Evadne Grace	1925	A	Binghamton
Farrar, John Frederick	1925	E	Chicago, Ill.
Farrell, Peter Thomas	1922	A	Corona
Fates, Hugh Lee	1924	A	Orange, N. J.
Faulhaber, Malcolm	1923	Ar	Ithaca
Faust, Clarence Charles	1923	M	Buffalo
Fayer, Julia	1922	M	Flushing
Fearnside, Robert Lehmann	1924	M	Bowling Green, Ohio
Fedde, Gabriel Martin Nathanael, B.S., M.D	Sp MD (N.Y.C.)		Brooklyn
Fein, Bernard, A.B.	1924	MD (N.Y.C.)	Newark, N. J.
Fein, Morris	1922	E	Brooklyn
Feinson, Samuel Henry	1922	C	Brooklyn
Feitelberg, Abraham, A.B.	1923	MD (N.Y.C.)	New York City
Feitelson, Irving Seymour	1925	A	West New York, N. J.
Feldman, David	1926	C	Dallas, Texas
Feldman, Joseph Jay	1922	M	New York City
Feldman, Samuel, A.B.	Grad		Brooklyn
Feldstein, Elwood Gerard	1922	A	New York City
Fellman, Matilda	1924	Ag	Port Chester
Fellows, Dorothy Antoinette	1923	A	Middletown
Fellows, Marjorie Kellogg	1925	A	Middletown
Felske, Charles Longford	1924	A	Kokomo, Ind.
Felt, Ernest Porter	1923	A	Nassau
Felter, Robert Kenneth, A.B.	1924	MD (N.Y.C.)	Pearl River
Felton, Garrett John	1924	E	Dunkirk
Felton, Lester Mahan, B.S.	1922	MD (N.Y.C.)	Worcester, Mass.
Feng, Chao Chuan, B.S.A.	Grad		Wusih, Kiangsu, China
Feng, Rui, B.S.A.	Grad		Hongkong, China
Fenn, Elizabeth	1923	Ag	Aurora
Fenner, Gertrude Southworth	1922	A	Holley
Fenner, Kathryn Louise	1924	A	Dolgeville
Fenner, Lawrence Myron, B.Sc. in Agr	Grad		Tippecanoe City, Ohio
Fenton, Lucius Barzillai	1922	Ag	Nunda
Ferguson, Kenneth Griffith Sibley	1925	M	Elmira
Ferguson, Max Mitchell	1925	A	Williamsport, Pa.
Fernald, Evelyn Ida, A.B., A.M.	Grad		West Groton, Mass.

Fernette, Edna Wilma	1925 A	Whitehall
Fernow, Karl Hermann	Grad	Ithaca
Ferrand, Elsie Margaret, A.B., M.A.	Grad	Gardenville
Ferrell, George Albert	1925 M	Binghamton
Ferris, Donald Ross	1926 M	Pittsfield, Mass.
Ferris, Seymour Washington	1922 A (Chem)	Springfield, Mass.
Fessenden, Dorothy Irene	1925 Ag	King Ferry
Feuerstein, Gertrude Gloria	1925 A	New York City
Fichandler, Carl	1923 A (Chem)	Brooklyn
Fidler, Charles Franklin	1925 M	Tippecanoe City, Ohio
Field, Byron Kenneth	1922 Ag	Port Richmond
Field, Hal Wilson	1924 Ag	Newnan, Ga.
Fifield, Hugh Sanford	1926 M	Denver, Colo.
Figari, Carlos Estuardo, B.S. in Agr.	1922 Ag	Lima, Peru
Figarsky, Jacob	1925 A	Brooklyn
Fillius, Maurice Wilberger	1924 A	Washington, D. C.
Finch, Irving, jr	1925 E	Red Bank, N. J.
Fincher, Myron Gustin, D.V.M.	Grad	Ithaca
Fine, Abraham, A.B.	1922 MD (N.Y.C.)	Brooklyn
Finegold, Benjamin	1925 A	Buffalo
Finkelstein, Henry Leon	1922 L	Ithaca
Finn, Thomas David, jr	1922 C	Exeter, N. H.
Fippin, Walter Russell	1925 A	Roslyn, Va.
Firket, Guillaume Christian, M.E.	Grad	Liège, Belgium
Firneno, Jacob Robert	1923 A	Brooklyn
Fischer, Alfred Elias, A.B.	1923 MD (N.Y.C.)	New York City
Fischer, Morton	1924 A	Albany
Fischer, Raymond Whitney	1925 M	Brooklyn
Fish, Marion	1923 Ag	Rochester
Fish, Milton Hart	1923 Ag	Dundee
Fishbein, Joseph	1924 A	New York City
Fisher, Charles Arthur	1922 Ag	Brooklyn
Fisher, Charles Desiderius	1923 Ag	Ithaca
Fisher, Edmund Warner, Ch.E., A.M.	1925 MD (N.Y.C.)	Brooklyn
Fisher, Henry Clayton	1924 M	Pittsburgh, Pa.
Fisher, John Crocker	1922 Ag	Ithaca
Fisher, Julia Gertrude	1922 A	Clayville
Fisher, Robert Bradley	1922 M	Ithaca
Fisher, Roy Marshall, A.B.	Grad	New Salem, Mass.
Fisher, Ruth Genevieve	1924 A	Batavia
Fitch, Harold Wakefield B.S.	Grad	Ithaca
Fitch, Lewis Elmer	1922 Ag	Windsor, Vt.
Fitter, Ernest August	1925 M	Brooklyn
Fitts, Kenneth Linton	1924 M	Ardmore, Pa.
Fitzgerald, Edward Marcus	1923 M	Minden, La.
Fix, Frederick William, jr	1923 M	Chicago, Ill.
Flagg, Alfred Glennon, A.B.	1923 MD (N.Y.C.)	Worcester, Mass.
Flanagan, William Adams	1925 Ag	New York City
Flannagan, Elise Govan	1924 A	Richmond, Va.
Fleckenstein, Raymond Herbert	1922 A (Chem)	Ellenville
Fleischmann, Julian Ralph	1923 C	New York City
Fleming, John Joseph, jr	1924 C	Burlington, Iowa
Fleming, John Rimer	1922 Ag	Brooklyn
Flemming, Marion Fotens, B.S., M.A.	Grad	Albany
Fletcher, Charles Henry	1922 A (Chem)	Lyndham, Paget West, Bermuda
Fletcher, David Owen	1923 Ag	Ithaca
Fletcher, Frank Chittenden	1925 A	Minneapolis, Minn.
Fletcher, Gordon Forbes Ashton	1924 M	New York City
Flick, Miriam Hilliard	1924 Ar	Dayton, Ohio
Flinn, William Browder	Sp Ag	Bronxville
Flint, Orin Queal, jr	1924 A	Athens
Florio, Anthony John	1923 M	Cobleskill
Flory, Louis Paul	1924 M	Middletown
Flower, Luella Frances	1924 Ag	Salem
Flumerfelt, Walter Edson	1923 A	Candor
Flynn, Edward Paul	1926 A	Auburn
Flynn, Furlonge Harold	1925 M	Waterford
Flynn, Paul Eugene	1925 M	Waverly
Fohl, Charles Taylor	1924 C	Pittsburgh, Pa.
Fohl, Edward Zinn	1925 A	Pittsburgh, Pa.
Folks, Evelyn Esther	1923 A	Yonkers
Folsom, Edwin Wilson	1924 E	Indianapolis, Ind.
Fonda, John Sutliff	1922 A (Chem)	Johnstown
Fontaine, Charles Arthur, B.A., B.S.A.	Grad	Oka, Que., Canada
Foote, Howard John	1923 V	Yonkers
Foote, Hubert Gerald	1924 Ag	Hobart
Foote, Orlando Bailey, jr	1922 Ag	Bound Brook, N. J.
Forbes, Wilbur Jameson	1922 Ag	Colebrook, N. H.
Forbush, Wallace Clifford, B.Sc.	Grad	Rutland, Mass.
Force, Albert William, B.S.	Grad	Ithaca

Ford, Carol Willis	1924	M	Syracuse
Ford, John William, jr	1924	Ag	Montgomery, Ala.
Ford, Ora Madeline	1925	A	Pittsfield, Mass.
Ford, Raymond Oakley	1923	M	East Orange, N. J.
Ford, Vernon Maurice	1925	Ag	Buffalo
Forsberg, Lester	1925	E	Yonkers
Forster, Murrill Hamilton	1923	C	Buffalo
Fort, Robert Edwin	1924	M	Niagara Falls
Forward, Hervey DeForest	1925	Ag	Elbridge
Foster, Adriance Sherwood	1923	Ag	Elizabeth, N. J.
Foster, Dudley Edwards	1922	E	Morristown, N. J.
Foster, Edward Shields	1925	Ag	Argyle
Foster, Florence Jane	1923	Ag	Homer
Foster, Fordyce Lawrence	1924	Ag	Hammondsport
Foster, Hodgen Torrey	1922	M	Utica
Foster, Samuel Merrill, B.A.	1922	Ag	Canton
Foulk, Wilhelmina Kroos	1923	Ag	Brooklyn
Fowler, Gethin Thomas	1922	L	Salt Lake City, Utah
Fowler, Raymond Groshon	1924	M	St. Louis, Mo.
Fox, Charles Edward	1925	E	Renovo, Pa.
Fox, Elizabeth Pleasants	1924	A	Cynwyd, Pa.
Fox, Harry Gustave	1923	A	Geneva
Fox, Leo King	1925	M	Augusta, Me.
Fox, Sarah	1923	Ag	New York City
Fraats, Helen Maisie	1922	Ag	Sharon Springs
Fragner, Bertram Ira	1926	A	New York City
Fraleigh, Percy Austin, A.M.	Grad		Poughkeepsie
France, Morris Giles	1922	V	Seward
Francis, Howard Nelson	1922	L	Syracuse
Francis, James Franklin	1923	E	Ithaca
Francis, Reese Richard	1925	Ar	Belleville, N. J.
Franco, Carlos Angel	1925	A	Saranac Lake
Franco y Tolosa, Felix, B.S.F.	Grad		Mexico, Pampanga, P. I.
Frank, Bernard	1925	Ag	Brooklyn
Frank, Harold Jerome	1922	A	Ogdensburg
Frank, James Vernon	1922	L	Poplar Bluff, Mo.
Franklin, Paul William	1926	E	Marcy
Frantz, Carlton Stowell	1924	A	Alden
Franz, Mary Anna	1925	Ag	Owego
Fraser, Helen Anderson	1925	A	Utica
Frauenthal, Herman Clay, M.D.E.E	Sp	MD (N.Y.C.)	New York City
Frederick, Harold Ives	1925	Ag	Cobleskill
Freeborn, Genevieve Eunice	1925	Ag	Erieville
Freeman, Eileen Nannie	1923	Ag	South Orange, N. J.
Freeman, Elizabeth Frances, B.A.	1925	MD (N.Y.C.)	West Orange, N. J.
Freeman, Helen Jeanette	1925	Ag	Taylor
Freeman, Ray McArthur	1923	A	Gouverneur
Freer, Charles Bessely	1923	V	Ellenville
Freer, George Hoyt	1923	V	Ellenville
Freiberger, Irwin Lawrence	1925	A	Cleveland Heights, Ohio
Freidell, Paul Martin	1925	C	Hammondsport
Freilich, Sidney Harold, B.S.	1923	MD (N.Y.C.)	New York City
Freixas, Emilio	1925	M	Buenos Aires, Argentina
Frenaye, William Eagleton, jr	1922	M	Asheville, N. C.
French, Dorothy Chandler	1923	Ar	New York City
French, Fanny Eliza	1924	Ag	Cuba
French, Frank Sanford	1925	A	Massena
French, Katherine Bennett	1922	Ar	Philadelphia, Pa.
French, Lewis Miller	1922	Ag	New Orleans, La.
French, Vincent Thorne	1926	A	Oak Park, Ill.
French, Walter Hoyt, A.B.	Grad		Oak Park, Ill.
Freston, Julian Maxwell, A.B.	1924	MD (N.Y.C.)	Highland
Fretz, Barbara Catharine	1923	A	Easton, Pa.
Frey, William Louis	1925	E	Hammondsport
Fried, Judith	1925	Ag	New York City
Friedlander, Henry George	1925	A	Schenectady
Friedlander, Marcus Segfried	1925	A	New York City
Friedman, Bernard	1923	A	Elmira
Friedman, Harry	1925	A	New Brighton
Friedman, Herbert, B.S.	Grad		Brooklyn
Friedman, Miriam	1922	A	New York City
Friedman, Sidney	1922	MD (N.Y.C.)	New York City
Friend, Edward William	1925	M	Bedford, Ohio
Friend, Philip Rau	1925	M	Chicago, Ill.
Fritz, Horace Harper, jr	1922	A	Philadelphia, Pa.
Fromer, Katherine Gertrude	1923	A	Far Rockaway
Frona, Francisco Mamacalay, B.Agr., M.S.	Grad		Aliaga, Nueva Ecija, P. I.
Froomess, Sara Aurelia, A.B.	1923	MD (N.Y.C.)	Elizabeth, N. J.
Frost, Carroll Judd	1924	Ag	Nineveh
Frost, Harry Bell	1924	M	Wyckoff, N. J.

Frost, Russell Welland	1923 A	Hamilton, Ont., Canada
Frost, Stuart Ward, B.S.	Grad	Tarrytown
Frye, Clayton Barber	1926 Ar	Buffalo
Frye, James Blaine	1923 A (Chem)	Gouverneur
Fryer, George von Albade	1923 A	Syracuse
Fuchs, William	1922 A	New York City
Fugh, Paul Chen, B.S.F.	Sp Ag	Washington, D. C.
Fulford, Russell	1924 A (Chem)	Sayre, Pa.
Fuller, Avery Edward	1922 C	Holley
Fuller, Howard Charles	1923 M	New Hartford
Fuller, James Weast, D.V.M.	Grad	Ithaca
Fuller, Roscoe Hodges	1924 M	Newton, Mass.
Fung, Chien, B.Sc. in E. E.	Grad	Shanghai, China
Funnell, Archibald Martin	1925 A	Huntington
Funnell, Bertha Hewett	1922 A	Huntington
Furbeyre, Vincente Villamil, A.B.	Grad	Bound Brook, N. J.
Furness, Richard Gale	1924 M	New York City
Furst, Esther Eleanor	1925 A	Newark, N. J.
Furst, Harold Landry	1923 C	Baltimore, Md.
Gabel, Edith Marguerite	Sp A	Chicago, Ill.
Gabriel, Harry S., M.S.	Grad	Watkins
Gabriel, Roger Price	1925 Ag	Odessa
Gaffney, Bernard Francis	1925 M	New York City
Gaffron, Carl William	1923 C	St. Louis, Mo.
Gage, Eleanor Freeman	1925 Ag	Clearwater, Fla.
Gahan, Emanuel	1923 A	New York City
Gaige, Wilber Mortimer, jr.	1925 Ag	Yonkers
Gair, Bernard Benjamin	1925 Ag	Brooklyn
Galbreath, Mitchell Tift	1922 A	Brooklyn
Gale, William McClure	1922 M	Riverdale-on-Hudson
Galland, Walter Isaac, A.B., M.D.	Sp MD (N.Y.C.)	Wilkes-Barre, Pa.
Gallant, Kenneth Asher	1924 Ag	Cato
Gallivan, Peter Coleman	1922 M	Buffalo
Gallman, Waldemar John, A.B.	Grad	Wellsville
Gallup, Theodore, A.B.	1923 MD (N.Y.C.)	Ensley, Ala.
Gannett, Taylor White	1925 Ag	Amaha, Nebr.
Gans, Carl Hamann	1922 A 1925 MD	High Bridge, N. J.
Gantz, Sophie Rebecca	1924 A	Albion
Garcia, Antonio Florez	1926 Ag	Bogota, Colombia
Garcia, Juan Nepomuceno	1925 A	Arecibo, P. R.
Garcia, Manuel de la Torre	1925 C	Panigui, Tarlac, P. I.
Garcia Cintrón, Raimundo	1924 L	Yabucoa, P. R.
Garden, Nelson Barker	1922 E	Ithaca
Gardiner, Elizabeth Beatrice	1924 A	Brooklyn
Gardinier, Douglas Elton	1923 L	Herkimer
Gardner, Alexander Hoffman	1925 Ag	Brooklyn
Gardner, Hubert Miller, B.S. in Agr	Grad	Goshen, Ind.
Gardner, Joseph Charles	1922 Ag	Hudson Falls
Gardner, William Howlett	1923 A (Chem)	Port Washington
Garey, Walter Carney	1923 A	Elmira Heights
Garfinkel, Harry	1922 C	Brooklyn
Garnsey, Hamilton, jr.	1923 M	Seneca Falls
Garrabrant, Robert Bayard	1922 C	Bloomfield, N. J.
Garretson, Miriam Mai	1924 A	Buffalo
Garrett, Henry Harrison	1922 A	Pittsburgh, Pa.
Garrett, Theodore Schiffer	1923 A	Pittsburgh, Pa.
Garrick, Thomas Joseph, A.B.	1924 MD (N.Y.C.)	Somerville, Mass.
Garypie, William Joseph	1925 Ag	Sag Harbor
Gaskill, Gussie Esther, A.B., A.M.	Grad	Lawrence, Kans.
Gatchell, Ruth Elizabeth	1925 A	Alton
Gately, Lewis Brown	1922 M	Mamaroneck
Gates, Catherine Maria	1922 A	Oneonta
Gaty, John Pomeroy	1923 M	Morristown, N. J.
Gat, Lewis Rumsey	1923 E	Morristown, N. J.
Gauntt, Edwin Amor	1923 Ag	Jobstown, N. J.
Gause, Angie Leah	1922 Ag	Ithaca
Gausmann, Ruth Moore	1926 Ar	Gilboa
Gavin, Helen, M.A.	1922 MD (N.Y.C.)	New York City
Gebhart, Willard Benton	1924 Ag	Hart, Mich.
Gee, Walter Fred	1925 Ag	Trumansburg
Geer, Laura Loretta	1923 A	Marathon
Geertz, Allan Ormsbee	1922 M	Montclair, N. J.
Geertz, Eric	1923 M	Montclair, N. J.
Geety, Weston Morley	1925 M	New York City
Geherin, Alice Bennett	Sp Ag	Ithaca
Gehring, William Henry Charles	1923 M	Honolulu, Hawaii
Gelman, Louis Irving	1924 A	Brooklyn
Geltman, Ada Lillian	1925 A	Brooklyn
Gennis, Esther Jeanne	1924 Ag	Dolgeville

Genung, Dorothy Cooper	1925	Ag	Ithaca
George, Mary Beatrice	1923	Ag	Ithaca
George, Robert Lawton	1923	A	Brooklyn
Georgia, Willard Edwin	1925	Ag	Trumansburg
Gephart, John Richard	1924	C	York, Pa.
Gerber, Charles	1924	A (Chem)	Hazleton, Pa.
Gerbereux, Eugene Wilson	1924	M	Yonkers
Gerbereux, Vincent de Paul	1924	M	Yonkers
Gerinsky, Louis	1925	A	Brooklyn
Gerken, Elsie	1925	A	Woodside
Gerken, Henry Arthur	1925	M	Brooklyn
German, Louis	1925	A	Brooklyn
Gerry, Elbridge Erly	1924	A	Pelham
Gerry, Harvey Spalding	1924	A	Washington, D. C.
Gershoy, Leo, A.M.	Grad		New York City
Gersten, Joseph Harry	1924	M	New York City
Gervais, Paul Trapier	1924	M	Oak Park, Ill.
Gibb, Alice Syearns, A.B.	1924	MD (N.Y.C.)	New York City
Gibb, John Collins	1923	M	Ithaca
Gibbons, Richard Vincent	1925	V	Ithaca
Gibbons, Walter Joseph	1925	V	Ithaca
Gibbs, Lila Gay	1925	A	Great Barrington, Mass.
Gibbs, Roy Delbert	1922	Ag	Malone
Giblin, Alice Elizabeth	1926	Ag	Carthage
Giddings, Edward Burr	1922	Ag	Baldwinsville
Gifford, Adele Badgley	1923	A	Newark, N. J.
Gifford, Daniel Wenzell	1924	C	St. Louis, Mo.
Gilbert, Arthur Ward, B.S.	Grad		Dorset, Vt.
Gilbert, Edward Strong	1925	Ag	Albany
Gilbert, Samuel Vanderpoel	1926	C	Trenton, N. J.
Gilchrist, Mary Alice	1925	A	Ilion
Gilfillan, Robert Landon	1923	C	Memphis, Tenn.
Gill, Doris Montague	1923	A	New Rochelle
Gill, Nellie Frances	1922	A	Scranton, Pa.
Gill, Richard Cochran	1924	A	Washington, D. C.
Gillan, Paul LaVerne	1923	M	Waverly
Gillan, Robert Benjamin	1925	A	Sayre, Pa.
Gillett, Charles Alton	1925	Ag	Arlington
Gillett, Rika Miriam	1925	Ag	Golden
Gillett, Roy Lewis, B.S.	Grad		Ithaca
Gillette, Guy Raymond	1923	A (Chem)	Oil City, Pa.
Gillette, Kenneth Gordon	1922	E	Grahamsville
Gillies, George Matthew, jr	1923	M	Newark, N. J.
Gillies, Robert Campbell, jr	1924	M	Brooklyn
Gilligan, Charles Francis	1923	A	Shortsville
Gillis, Merl Conrad, B.S. in Agr.	Grad		South Bend, Ind.
Gilman, Herbert Lester, D.V.M., M.S.	Grad		Ithaca
Gilman, Wilbur Elwyn	1923	A	Amsterdam
Gilson, Richard Lee	1924	Ar	Niskayuna
Ginsberg, Diana Lucy	1922	A	Brooklyn
Ginsberg, Harry	1923	A	Brooklyn
Ginsburg, Archie	1925	Ag	Brooklyn
Ginsburg, Florence Mary	1926	A	Philadelphia, Pa.
Girard, Peter Fred, jr	1922	C	Rochester
Giusti, Frank Louis	1922	L	Bayside
Givan, Henry Clay, jr	1924	A (Chem)	Nashville, Tenn.
Gladner, Samuel	1926	C	Buffalo
Glaser, Jerome, A.B.	1923	MD (N.Y.C.)	Sayre, Pa.
Glasier, Mark Hollister	1924	Ag	West Pawlet, Vt.
Glass, Robert Ernest	1925	M	Westfield, N. J.
Glasser, Frank Barnett	1924	A	New York City
Glathe, Henry Bernhard	1922	A	Brooklyn
Glick, Bernard	1924	A	Lyndhurst, N. J.
Glick, John Averill	1925	E	Southampton
Globus, Isabel, A.B.	1923	MD (N.Y.C.)	New York City
Glore, Walter Scott, jr	1924	A	Danville, Ky.
Goddard, James Eugene	1923	A	East Rochester
Godley, Henry	1924	M	Wallingford, Pa.
Godridge, Joseph Edward	1926	A	New Rochelle
Goeller, Charles Lewis	1925	Ar	Newark, N. J.
Goeller, Jacob	1922	MD (N.Y.C.)	Irvington, N. J.
Goessling, Norman Day	1925	M	Bronxville
Goetz, Bernard Michael	1925	M	Philadelphia, Pa.
Goetz, Emily Brylanski	1924	A	Philadelphia, Pa.
Goetz, William Palmer	1922	Ag	Lancaster
Goff, Edith Adelaide	1922	Ag Grad	Ithaca
Gold, Abraham Erwin	1924	L	Plattsburgh
Gold, David, D.D.S	Sp MD (N.Y.C.)		Brooklyn
Gold, Harry, A.B.	1922	MD (N.Y.C.)	Schenectady
Gold, Jacob Lewis	1924	L	Brooklyn

Goldberg, Ethel	1923 A	Jamaica
Goldberg, Harry	1923 A	New York City
Goldberg, Henry	1924 A	New York City
Goldberg, Myer Aaron	1924 A	New Bedford, Mass.
Goldberg, Rashelle	1924 A	Brooklyn
Goldberger, Lawrence	1925 Ag	Brooklyn
Goldblatt, Emanuel Sperlin	1925 Ag	Whippany, N. J.
Golden, Harry Meyer	1925 M	Red Bank, N. J.
Goldin, Robert	1924 Ag	Brooklyn
Goldklang, Bernard David	1923 A (Chem)	New York City
Goldman, Mollie	1925 Ag	Philadelphia, Pa.
Goldowitz, George	1922 A	Port Chester
Goldsmith, Harold Ellsworth	1922 A (Chem)	Ithaca
Goldsmith, Howard Stuart	1925 A	Nyack
Goldsmith, Norris Whitney	1924 A	Nyack
Goldsmith, Solomon Sidney	1924 A	New York City
Goldstein, Gertrude Evelyn	1925 A	Far Rockaway
Goldstein, Louis Harold	1924 A	Brooklyn
Goldstein, Sidney Arthur	1924 A	Brooklyn
Goldwin, William Casper	1922 A	Brooklyn
Goltz, Anita Marie	1924 A	Buffalo
Goltz, Roy Luther	1923 M	Chicago, Ill.
Gonzalez, Pedro	1924 C	Las Palmas, Canary Islands, Spain
Good, Henry George, B.S.	Grad	Berkeley, Cal.
Goodale, Edgar Clement	1923 M	Riverhead
Goodkind, Henry Martin	1925 A	New York City
Goodman, Esther	1924 A	Jersey City, N. J.
Goodman, Lewis Oswald	1924 E	Jeffersonville
Goodman, Reina	1923 Ag	Jersey City, N. J.
Goodman, Russel Alexander	1925 Ag	Cleveland Heights, Ohio
Goodnow, George Nichols	1924 M	Highland Park, Ill.
Gooen, Samuel Hyman	1923 M	Newark, N. J.
Goover, George Demetrius	1924 A	Danville, Va.
Gordon, Donald Alexander	1925 A	La Crosse, Wis.
Gordon, Edwin Andrews	1922 Ag	Rochester
Gordon, Myron	1925 Ag	New York City
Gordon, Myron Alexander	1922 A	Sharon Springs
Gordon, Ralph, M.A.	Grad	New York City
Gordon, Ralph Gerald	1925 A	Elmira
Gordon, Reuben	1925 V	New York City
Gorelik, Bessie	1925 A	Brooklyn
Gorham, Robert Charles, B.A.	1923 E	Franklin, Nebr.
Gorlieri, Florentino, jr	1924 M	Formosa, Argentina
Gosline, Mary Helen	1922 A	Aurora
Gosman, Helen Louise	1925 A	New Rochelle
Gothoffer, Nathan	1922 A (Chem)	New York City
Gouinlock, Edward Vernon	1923 A	Warsaw
Gould, George Tyzzer	1924 M	Quincy, Mass.
Gould, John Henry	1924 Ag	Port Washington
Gove, Richard Everest, A.B.	1923 MD (N.Y.C.)	Peru
Graef, Irving Philip	1923 A	New York City
Graef, Richard Francis	1925 C	Danbury, Conn.
Graeser, Albert Clarence, A.B.	1922 Ar	Charleston, S.C.
Graham, David Roberts	1925 M	Lowville
Graham, Viola Arvin, M.A.	Grad	Ithaca
Granger, Henry Raynor	1924 M	Baltimore, Md.
Grannis, Harriet Grosvenor	1922 Ag	Muncy, Pa.
Grant, Wilbur Franklin	1922 V	Ithaca
Granville, Arthur Joseph	1925 M	St. Louis, Mo.
Grapes, Mildred Emma	1925 A	Brooklyn
Grasselli, Caesar Augustin, 2d	1923 A (Chem)	Cleveland, Ohio
Gratz, Levi Otto, A.B.	Grad	Ithaca
Graue, Erwin	1923 Ag	Syracuse
Graves, Eleanor Hall	1925 A	Albany
Gray, Ernest Charles	1924 M	Honolulu, Hawaii
Gray, James Edward	1922 A	Hamden
Gray, Lloyd Poor	1924 A	Clayton
Gray, Ralph Chapin	1922 E	Ithaca
Gray, Sarah Rhoda	1924 A	Amsterdam
Gray, Theodore Roosevelt	1924 A	Totenville
Green, Alice Cramer	1923 A	Philadelphia, Pa.
Green, George Clarence	1925 C	Katonah
Green, Harold Kermit	1924 A	Paterson, N. J.
Green, Helen Frances	1925 Ag	Gloversville
Green, Leonard Sanford	1922 L	New Rochelle
Green, Warren Buckelew	1924 C	Flushing
Greenbaum, Samuel Henry	1922 L	Newark, N. J.
Greenberg, David Hyman	1924 A	New York City
Greenberg, Herman	1922 A	Bay Shore
Greenberg, Sidney Matthew	1925 A	Brooklyn

Greene, Guy Shepard, A.B.	Grad	Ithaca
Greene, John McMyynn	1925 Ar	Milwaukee, Wis.
Greene, Ray G	1924 A	Wooster, Ohio
Greenebaum, William Abraham	1925 A	Philadelphia Pa.
Greenhut, Sidney Danace	1925 A	Brooklyn
Greening, Charles Knight	1925 Ag	Montclair, N. J.
Greenleaf, Abbott Hoff	1923 M	Cayuga
Greer, Millard Marquis	1925 A (Chem)	New Castle, Pa.
Gregg, Frank Davis	1926 E	Philadelphia, Pa.
Gregg, Frank Lozier, jr	1925 L	New York City
Gregory, Marie Fuhrer	1925 MD (N.Y.C.)	New York City
Gregory, Nellie Bernice	1924 A	Atlantic City, N. J.
Gregory, William Bres, B.E.	1923 M	New Orleans, La.
Grieme, Henry Frederick	1926 A	New York City
Griffin, Ethel Mellows	1923 A	Valhalla
Griffin, Carroll Eskert	1922 A (Chem)	Lakewood, Ohio
Griffin, Donald Tallmadge	1925 A	Coxsackie
Griffiths, Alice Viola	Sp A	Ithaca
Griffiths, Joseph Harry, M.A.	Grad	Ithaca
Grim, Mildred Elizabeth	1922 A	Perkasie, Pa.
Griminger, Carroll Campbell	1924 Ag	Unadilla
Griscom, Samuel Bettle	1922 E	Salem, N. J.
Griswold, Arthur Stewart	1922 M	Rocky Hill, Conn.
Griswold, Demetrius Wilbur	1922 E	Ithaca
Griswold, Frances Louise	1922 Ag	Lahore, Punjab, India
Griswold, Gordon	1925 A	Elko, Nev.
Griswold, Grace Hall, B.S.	Grad	Ithaca
Groenewald, Johan Andries	1923 Ag	Cape Town, South Africa
Grogan, Matthew Joseph	1923 C	Rumson, N. J.
Groome, Edgar Murphy	1924 M	Lynn, Mass.
Gross, Benjamin	1925 A	Phoenixville, Pa.
Gross, Francis Philip, jr., A.B.	Grad	St. Louis, Mo.
Gross, William Carl	1924 Ag	Newark, N. J.
Grossfeld, Louis	1922 A	College Point
Grosshandler, Madeline Hilda	1922 A	Brooklyn
Grove, Robert Clair	1924 A	Johnstown, Pa.
Grove, William Jarboe	1925 E	Frederick, Md.
Gruessner, Edwin Allan	1923 C	Brooklyn
Grunder, Francis James	1925 M	Pittsburgh, Pa.
Gruneck, Sidney	1923 C	New York City
Gruener, Kathleen Kline	1925 A	Washington, D. C.
Gsand, Helen Mae	1923 A	Philadelphia, Pa.
Guggolz, Marjorie Marion	1923 Ag	New York City
Guggolz, Muriel Evelyn	1926 Ag	New York City
Guillemont, Grant	1925 A	Niagara Falls
Guinn, Joseph Edwin	1924 A	Jacksonville, Texas
Guion, Imogene	1922 A	Seneca Falls
Guldi, Frederick George	1923 E	Southampton
Guldner, Charles Miller, jr.	1925 E	Yonkers
Gulick, Charles Ward	1922 C	Champaign, Ill.
Gumaer, Elliott Wilder	1924 A	Cato
Gummere, Philip Drinker	1925 C	Trenton, N. J.
Gundaker, Clarence Kugler	1925 M	Philadelphia, Pa.
Gundersdorf, Harold Philip	1925 Ag	New York City
Gunn, Francis Dowden, A.B.	1924 MD (N.Y.C.)	Lexington, Ky.
Gunn, Janet Kathryn	1924 A	Utica
Gunsalus, Paul Overton	1924 M	Johnson City
Gurchot, Abel Charles, B.S.	Grad	New York City
Gurney, Paul Benedict	1925 A	Warrensburg
Gustafson, Ingegerd Marie	1925 A	Canastota
Guthrie, George Grant	1925 M	Ithaca
Gutman, Alexander Benjamin	1924 A	Brooklyn
Gutwillig, William Stern	1922 A Grad	Far Rockaway
Gwyn, Lewis Ruffner, jr.	1922 M	Tarrytown
Haber, Solomon	1923 A (Chem)	Newark, N. J.
Haber, Vernon Raymond, B.Sc., M.A.	Grad	Ithaca
Hackathorn, Kenneth Kennard	1923 A	Lakewood, Ohio
Hacker, Stuart Holland	1923 Ag	New York City
Hadley, Cotheal Durston	1923 Ag	Black River
Hagedorn, Alice Herzberg	1926 A	Philadelphia, Pa.
Hagen, Dewey Admiral	1923 A (Chem)	Batavia
Hahn, Ray Lester	1922 Ag Grad	Ithaca
Haines, George, B.S., M.S. Agr	1923 V	Ithaca
Hainsworth, Ellarene Lucille D	1922 A 1925 MD	Gloversville
Haldeman, Lester Triem	1922 C	Westville, N. J.
Haldeman, Samuel Tyson, 3d	1924 Ar	Williamsport, Pa.
Hale, Charles Brockway, A.B.	Grad	Greensboro, N. C.
Haley, Simon Alexander, B.S.A.	Grad	Savannah, Tenn.
Hall, Archibald Maclay	1924 M	Larchmont

Hall, Edward Flemmon, jr.	1924	A.	Birmingham, Ala.
Hall, Frederick Abbey	1923	V.	La Grangeville
Hall, George Edward, jr.	1925	Ag.	Brooklyn
Hall, John Adams	1925	A.	Jamestown
Hall, Kate Fredericks	1924	Ar.	Syracuse
Hall, Roger Field	1923	Ag.	Baltimore, Md.
Haller, John Fessler	1922	A (Chem)	Frederick, Md.
Halley, Donald Macdougall	1923	A.	Rapid City, S. Dak.
Hallock, Harold Coleman, LL.B.	Grad		Ithaca
Hallock, Hortense, B.S.	Grad		Dundee
Ham, Eugene, jr.	1922	Ag.	Verbank
Hamann, Henry Godfried Ferdinand	1922	Ag.	Brooklyn
Hamburger, Robert Adolph	1925	C.	Brooklyn
Hamilton, Arthur Ralph	1926	M.	Natrona, Pa.
Hamilton, Charles Herbert	1926	Ar.	New Orleans, La.
Hamilton, Robert Pierre	1923	Ag.	Rockland Lake
Hance, Francis Evalul, B.Chem.	Grad		Ithaca
Hancher, Kenneth Gibson, B.Sc.	1922	MD (N.Y.C.)	Ellwood City, Pa.
Handelman, Joseph	1924	L.	Valdosta, Ga.
Handerhan, Irving Henry	1924	M.	Millport
Hanfling, Harry, B.S.	1925	MD (N.Y.C.)	New York City
Hanford, Ellen	1923	A.	Walton
Hanford, Rodney Warren	1925	A.	Ithaca
Hanlon, Clermont Leo	1925	Ag.	Dannemora
Hann, Charles Bertrand	1922	M.	Baltimore, Md.
Hannah, Robert, B.A.	Grad		London, Ont., Canada
Hannifan, Marjory Mary	1923	Ag.	Olean
Hannigan, James	1922	C.	Forty Fort, Pa.
Hannigan, John	1923	E.	Forty Fort, Pa.
Hannigan, William	1923	E.	Forty Fort, Pa.
Hanschka, Herbert Laurence	1924	M.	Newark, N. J.
Hanselman, George Raymond	1922	M.	Dunkirk
Hansen, Edward Hull	1924	M.	Elkhart, Ind.
Hanson, Leonard Christopher	1923	M.	Veblen, S. Dak.
Hansson, Kristian Gosta, A.B.	1923	MD (N.Y.C.)	Cambridge, Mass.
Hao, Harry Jean	1924	A (Chem)	New York City
Happ, Linley Conrad, A.B.	1925	MD (N.Y.C.)	Port Jervis
Harada, Kyosuke, (Kogakushi)	Grad		Akasaka, Kokura, Japan
Hard, Florence Elizabeth	1922	A.	Flushing
Harden, James Henry, B.S.	1923	V.	Brooklyn
Harder, Charles Philip	1925	A.	Philmont
Hardin, Gordon Dabney	1923	C.	Louisville, Ky.
Harding, Alice Bernice	1923	A.	Albion
Hardy, Robert Burdette	1925	A.	Belmont
Hardy, Ruth Louise	1923	A.	Tappan
Haring, Robert Johnston	1925	Ag.	Richmond Hill
Harkaway, Israel Samuel	1923	A.	Brooklyn
Harkness, Donald Daniel	1922	Ag.	Oakfield
Harlan, James Davis, B.S.	Grad		Geneva
Harper, Alexander Headley	1923	M.	Philadelphia, Pa.
Harper, Francis, A.B.	Grad		Ithaca
Harper, James Bailey	1922	M.	Philadelphia, Pa.
Harrington, Edward Knowlton	1925	Ag.	New Rochelle
Harrington, Francis Louis	1925	M.	Buffalo
Harrington, Frank Louis	1925	A (Chem)	Amsterdam
Harrington, Frank William	1924	Ag.	Littleton, N. H.
Harrington, Harold Ray	1922	M.	Utica
Harrington, Howard Lewis	1922	E.	Niagara Falls
Harrington, John Henry	1924	A.	Buffalo
Harrington, Norman Spencer	1922	M.	Cleveland, Ohio
Harriott, John Frederick	1922	Ag Grad	Mamaroneck
Harris, Carle Coville	1925	M.	Cleveland, Ohio
Harris, Edith Vicker	1924	A.	Ithaca
Harris, Edwin Raymond	1924	Ag.	Gasport
Harris, Jonathan Warner	1925	M.	Canton, Ohio
Harris, Katharine Wyckoff	1922	Ag.	Hasbrouck Heights, N. J.
Harris, Lester Koenig	1925	Ag.	Brooklyn
Harris, Myron Wilkins	1925	Ag.	Newfield, N. J.
Harris, William Curtis	1924	M.	Glens Falls
Harrison, Arthur Millard	1924	M.	Oxford
Harrison, George Emile, B. Math.	1923	C.	London, England
Harrison, Thomas Perrin, jr., A.B.	Grad		Raleigh, N. C.
Hart, Bernice Ellen	1924	A.	Turin
Hart, Emmett Ellsworth, jr.	1924	Ag.	Cleveland, Ohio
Hart, Glenn Roy	Sp Ag.		Sherrill
Hart, James Oliver	1925	Ar.	Bay Shore
Hart, Van Breed, B. S.	Grad		McLean
Hartell, John Anthony	1925	Ar.	Brooklyn
Hartman, Cary Tingley	1923	Ag.	Cincinnati, Ohio
Hartnett, John Broderick	1923	Ag.	Buffalo

Hartzell, Gertrude	1923	Ag	Buffalo
Harvey, Norman Darrell, jr.	1924	A	Providence, R. I.
Harvey, Richard Laurence	1924	A	New Rochelle
Harwood, Reymour Elton	1924	M	Newfane
Haskin, Charles Jay	1924	L	Cortland
Haskins, Frances Alden	1923	A	Brooklyn
Haskins, Stuart Campbell	1926	C	North Adams, Mass.
Hastings, Barbara Katharine	1924	A	Owego
Hatch, Lloyd Harvey, B.S.	Grad		Dexter, Me.
Hatch, Madeline	1923	A	South Fallsburg
Hathaway, Charles Lester	1924	M	Coronado, Cal.
Hathaway, Malcolm Lord	1925	M	Easton, Md.
Haug, Waldemar Henry	1924	A (Chem)	Brooklyn
Hauptfuhrer, Albert Frederick	1924	Ag	Melrose Park, Pa.
Hauser, Edwin Toal, A.B.	1922	MD (N.Y.C.)	New York City
Hausman, Ethel Hinkley, B.S.	Grad		Ithaca
Hausman, Max	1923	L	New York City
Hayard, Katharine, B. A.	1922	MD (N.Y.C.)	New Orleans, La.
Havelin, Julius Edward	1922	C	Brooklyn
Haviland, Harold Walter	1924	M	Fort Ann
Haviland, Stanley Augustus	1923	E	Red Bank, N. J.
Hawkins, Charles Frank	1924	A	Ithaca
Hawley, Cecile Belle	1925	Ag	Red Creek
Hawley, Martha Swift	1924	A	Webster
Hawthorn, Leslie Rushton	1924	Ag	Rochester
Hay, James Cameron	1925	A	Galt, Ont., Canada
Hayden, Margaret Virginia	1925	Ag	Westernport, Md.
Hayner, George Arthur	1922	M	Dayton, Ohio
Haynes, Eileen North	1924	A	Oxford
Haynes, William Martin	1925	A	Fremont, Ohio
Haynes, Winfield Scott	1922	A	Starrucca, Pa.
Hays, Charles Hodge, jr.	1922	M	North East, Pa.
Hays, Hoffman Reynolds	1925	A	Millbrook
Hays, James Solomon	1922	L	New Rochelle
Hays, Robert Louis	1924	A	Cleveland, Ohio
Hayward, Harold Dewey, B.S.F.	1925	MD (N.Y.C.)	Ridgewood, N. J.
Hayward, Harold Glenwood	1924	A (Chem)	Silver Creek
Hayward, Kenneth Edward Abner	1924	M	Bridgeport, Conn.
Haywood, John Hool	1924	A (Chem)	Washington, D. C.
Hazel, Cyril Ebenezer	1923	M	Ithaca
Hazlitt, James Russell	1924	Ag	Hector
Hazzard, Albert Sidney	1924	A	Brewster
Hazzard, Lawrence Stephen	1922	L	Yonkers
Heacock, Hazel Madeleine	1924	Ag	Philadelphia, Pa.
Head, Clarence Chaddock	1923	A	Ithaca
Head, Ralph Wellington	1925	A	Ithaca
Healy, Joel Watres	1922	M	Wilkes-Barre, Pa.
Heard, Helen Horton	1924	Ag	Ithaca
Hearn, John Byron	1923	C	Port Byron
Hearn, William Lingo	1924	M	Philadelphia, Pa.
Heath, William Russell	1922	M	Hamburg
Hebel, Irene Elizabeth	1922	A	Ithaca
Hechler, Jacob	1925	Ag	New York City
Hedde, Henry William	1924	M	Logansport, Ind.
Hedden, Helen Marion	1923	A	Buffalo
Heffron, Elizabeth Genevieve	1925	A	Owego
Heidke, Leroy Belknap	1923	Ag	Brooklyn
Heim, Gertrude Cecelia	1923	Ag	Utica
Heim, Harlan Stabler, A.B.	1924	MD (N.Y.C.)	Dawson, Nebr.
Heimbach, Robert Elwood, A.B.	1923	MD (N.Y.C.)	Quakertown, Pa.
Heine, Madeline Cornelia	1925	Ag	Elmira
Heinsohn, Frederick Ernest	1923	Ag	Mount Vernon
Heinzelman, Frederick Emil	1923	Ag	Warwick
Hekimian, Mardiros Epipan	1924	C	Constantinople, Turkey
Heller, Carolyn Elizabeth	1923	Ag	Feura Bush
Heller, Henry Charles	1926	A	Brooklyn
Heller, Isidor, M.D.	Sp MD (N.Y.C.)		Brooklyn
Heller, Mary Elizabeth	1922	A 1925 MD	Williamsport, Pa.
Heller, Mildred Evelyn	1925	A	Hollidaysburg, Pa.
Hellstrom, Lillian Hedvig	1925	A	Haverstraw
Hemmer, Andrew Joseph, B. Chem.	Grad		Syracuse
Henderson, Edgar Herbert, B.A., M.A.	Grad		Hartsville, S. C.
Henderson, Frank Lawrence	1925	M	Detroit, Mich.
Hendler, Henry	1923	Ag	New York City
Hendon, Bryan, B.A.	Grad		Shawnee, Okla.
Hendryx, Thomas Kennedy	1923	Ar	Ithaca
Hendy, John Fenton	1925	C	Jefferson City, Mo.
Henkel, Margaret Rachel	1925	Ag	Rochester, Pa.
Henkle, Curran Winslow	1922	M	Chicago, Ill.
Henkle, Emanuel Alexander, M.D.	Sp MD (N.Y.C.)		New London, Conn.

Henn, Robert Bruce	1925 M	Cleveland, Ohio
Hennessey, Helen Elizabeth	1925 A	Binghamton
Hennessey, Paul Keeley	1923 A (Chem)	Binghamton
Hennings, Thomas Carey, jr.	1924 A	St. Louis, Mo.
Henrich, Grace Katharine	1923 A	Buffalo
Henry, Frederic Thomas	1923 L	Canandaigua
Henry, Mary Francis, B.A.	Sp Ag	Denver, Colo.
Hepburn, George Theodore	1924 E	Bloomfield, N. J.
Heraty, Joseph Edward	1925 A	Bayonne, N. J.
Herbert, Madeline Norma	1924 A	Atlantic City, N. J.
Herbert, Paul Anthony, B.S.	Grad	New York City
Herendeen, Lemuel Albert	1925 M	Geneva
Hergenrother, Rudolf Clemens	1925 A	Schenectady
Hermanson, Augusta Josephine	1925 A	Ossining
Hérault, Patrice Jules	1924 M	Ithaca
Herrick, Marvin Theodore	1922 A Grad	Ithaca
Hershey, Florence Helen	1925 Ag	Florin, Pa.
Hershey, Mary Elizabeth	1922 Ag	Florin, Pa.
Hert, Benedict Samuel	1925 Ag	Rochester
Hertwig, Paul Osborn	Sp Ag	Mount Vernon
Hertz, Harold Emerson	1925 E	Sewickley, Pa.
Herz, Monroe	1922 E	New York City
Herzstein, Joseph, M.S.	1924 MD (N.Y.C.)	New York City
Hess, Florence Genevieve	1924 Ag	Lyons
Hession, Martin Francis, A.B.	1924 MD (N.Y.C.)	New York City
Hetzler, Charles William	1924 A	Rochester
Hewett, Charles DeWitt Cole	1925 Ag	New York City
Heyman, Jerome Bernath	1925 Ag	Liberty
Heywood, William Horace	1923 Ag	Stafford
Hibbard, Charles Judson, jr.	1924 E	Perth Amboy, N. J.
Hibbard, Oscar Lamont	1925 M	West Winfield
Hickey, Frank Joseph	1923 E	Brooklyn
Hickey, James Francis	1922 A	Ithaca
Hickey, Madeline Margaret	1923 A	Ithaca
Hickok, Ralph Kiddoo, M.A., B.D.	Grad	Aurora
Hicks, Gertrude	1923 Ag	Pelham Manor
Hieber, John Theodore	1923 A (Chem)	Utica
Hiers, Loyless Hampton, B.S.	1923 M	Beaufort, S. C.
Higgins, Louis Merrill	1926 E	Manchester, N. H.
Higginson, William John, B.A.	Grad	Hartford, Conn.
Hilbert, Arnold Edward	1924 Ag	Candor
Hilbert, Margaret Hilda	1925 Ag	Candor
Hileman, Joseph Leland, B.S.	Grad	Brooklyn
Hilgert, Joseph Robert, B.S., M.A.	Grad	Kimmswick, Mo.
Hill, Anna Liddell	1924 A	Scranton, Pa.
Hill, Augustus Robert	1925 M	Kane, Pa.
Hill, David Garrett	1924 M	Pittsburgh, Pa.
Hill, David John	Sp Ag	Hazleton, Pa.
Hill, Edward David	Sp A	Scranton, Pa.
Hill, Irene Marguerite	1923 A	Pleasantville
Hill, Leland Halsey	1922 E Grad	Floral Park
Hill, Louise Alfreda	1923 A	West Webster
Hill, Malcolm Erastus	1925 M	Oxford
Hill, Margaret Louise	1923 A	Montpelier, Ohio
Hill, Melvin Leroy	1925 M	Floral Park
Hill, Richard Synyer	1924 M	Oak Park, Ill.
Hill, Robert Weise	1925 M	Schenectady
Hill, William Holcombe	1922 M	Hopewell, N. J.
Hillas, Howard Leroy	1926 A	Jersey City, N. J.
Hillegas, Catherine Frances	1925 Ag	Ithaca
Hillegas, Paul John	1926 M	Ithaca
Hilleke, Edmund Everett	1925 C	Fayetteville
Hillel, Joseph	1925 A	West Hoboken, N. J.
Hiller, Mildred Henrietta	1925 A	Philadelphia, Pa.
Hillidge, Ruth Snyder	1923 Ag	Front Royal, Va.
Hinckley, Roger Myron	1924 E	Ithaca
Hine, Lucius Alvin, jr.	1925 M	Highland Park, Ill.
Hinkle, Robert Stanley	1924 Ag	Elmira
Hinkle, Terry Stewart	1925 A	New York City
Hirsch, Sylvan Roos	1924 M	Savannah, Ga.
Hirshman, Leo	1923 Ag	Brooklyn
Hitchcock, Raymond Owen, A.B.	Grad 1924 MD (N.Y.C.)	Lyons
Hlavaty, George Luther	1925 Ag	Jefferson Valley
Hoag, Beatrice Irene	1924 A	Phelps
Hoag, Philip Osborne	1923 M	Newark, N. J.
Hoal, Clifford Edwin	1924 M	West Newton, Mass.
Hobbie, John Hayes	1925 Ag	Tonawanda
Hobbie, Thomas Charlton	1925 Ag	Tonawanda
Hochberg, Abraham	1925 A	Newark, N. J.
Hochman, Samuel, B.S.	1923 MD (N.Y.C.)	New York City

Hoddick, Julia Ida	1922	Ag	Buffalo
Hodell, Louis Ricketts	1923	A	Hastings-on-Hudson
Hodge, Allen Webster	1923	A (Chem)	Spragueville
Hodge, Hugh Bayard, jr	1924	A (Chem)	Philadelphia, Pa.
Hodge, William Howard	1924	A	Cincinnati, Ohio
Hodson, Floyd, A.B.		Grad	New Castle, Ind.
Hoefler, Fred Schmidt, B.S.		Grad	Columbia, S. C.
Hoefle, Charles Henry	1925	Ag	Ithaca
Hoefle, Olive Maren	1925	Ag	Ithaca
Hoehler, Anna Kimmel	1923	A	Philadelphia, Pa.
Hoff, Edwin James	1922	C	Ithaca
Hoffman, Eldred Weaver	1923	Ag	Ithaca
Hoffman, Frank Adam	1924	M	Danbury, Conn.
Hoffman, Karl William	1923	C	Niagara Falls
Hoffman, Robert Vincent	1924	A (Chem)	Lowell, Mass.
Hogan, Daniel Wise, jr	1925	A	Oklahoma City, Okla.
Hogg, George Albert	1923	E	Lihue, Kauai, Hawaii
Hohlweg, William August	1923	C	Baltimore, Md.
Holbrook, Charles Hale	1926	Eng.	Orange, N. J.
Holbrook, David Brewer	1925	A	New York City
Holbrook, George Whitman	1923	M	Millbrook
Holden, Edwin Ruthven	1926	M	Idaho Falls, Idaho
Holder, Hall Gillam, A.B.	1924	MD (N.Y.C.)	Santee, Cal.
Holderman, William Frederick, B.S. in Agr.		Grad	New York City
Holland, Irene May	1924	A	Freeport
Hollander, Edith Amelia	1926	Ar	Philadelphia, Pa.
Hollengreen, Milburn Alfred	1926	M	Renovo, Pa.
Holley, Dorothy Bement	1926	Ar	Lockport
Hollingshead, Robert Creighton	1925	M	Boise, Idaho
Hollis, William Carroll, B.S.		Grad	Woodhaven
Hollister, Helen Frederica	1924	A	Ithaca
Hollister, James Frederic	1925	MD (N.Y.C.)	Saluda, N. C.
Holloway, Violet Mabel	1923	A	New York City
Hollstein, Henry	1924	Ag	Jersey City, N. J.
Holman, Frank Hazen, jr	1923	Ar	Swarthmore, Pa.
Holmberg, Frank Frederick	1924	A	Sag Harbor
Holmes, Anna Gertrude	1923	A	Philadelphia, Pa.
Holmes, Clarence Raymond	1925	C	Buffalo
Holmes, Consuelo	1923	A	Bloomington, Ill.
Holmes, Margaret Catherine	1925	Ag	Washington, D. C.
Holmes, Ralph Maynard, A.B., M.A.		Grad	Ellsworth, Me.
Holt, Donald Aubrey	1924	A (Chem)	Montclair, N. J.
Holt, Evelyn, A.B.	1924	MD (N.Y.C.)	Summit, N. J.
Holtje, George Leonard, jr	1924	A	Bay Shore
Holton, Phyllis	1925	Ag	New York City
Holtzclaw, Benjamin Clark, jr., M.A.		Grad	Perry, Ga.
Holtzer, Beatrice Frances	1923	A	Arverne
Holzbach, Robert Edward	1924	M	Newport News, Va.
Holzka, Walter Joseph	1925	A (Chem)	West Brighton
Homan, Benjamin Hale, jr	1925	M	New York City
Honey, Edwin Earl, B.S.		Grad	Ithaca
Honigsbaum, Benjamin Isaac	1926	E	Tannersville
Hooker, Harry Merle	1924	Ag	Findley Lake
Hooker, Lorren Gaskin	1924	A (Chem)	Pittsford
Hooker, Thomas	1924	M	Watertown
Hooper, Barbara Gilbert	1925	Ag	New York City
Hoover, Catherine Jane	1925	A	Uniontown, Pa.
Hope, Benjamin Louis	1926	C	Brookline, Mass.
Hopkins, Charlotte Bostwick	1925	Ag	New Hartford
Hopkins, Doris Elizabeth	1924	A	Greenfield, N. H.
Hopkins, John Smith	1925	A	Dayton, Ohio
Hopkins, Robert Dwight, jr	1925	A	Peking, China
Hopper, Arthur John, jr	1925	E	Ridgewood, N. J.
Hopper, Marjorie Ross, A.B.	1923	MD (N.Y.C.)	Nyack
Horn, Edna	1923	A	New York City
Horne, Graham Daniel	1923	E	Rocky Mount, N. C.
Horne, William Henry, jr	1923	E	Rocky Mount, N. C.
Horning, Lloyd Eugene	1924	Ag	Castile
Horowitz, Bernard	1925	Ar	Brooklyn
Horowitz, Grace Fannie	1922	A	New Rochelle
Horton, Donald Alfred Winslow	1925	Ar	Cleveland Heights, Ohio
Horton, Edward Kenneth	1922	A 1925 MD	Whitehall
Horton, Harry Davids	1922	M	Ithaca
Horton, Hubert Linsley	1922	Ag	White Plains
Horwitz, Benjamin	1925	A	Brooklyn
Hosoi, Kiyoshi, B.S.	1924	MD (N.Y.C.)	Honolulu, Hawaii
Hotchkiss, Clarence Francis, jr	1923	M	Binghamton
Hotchkiss, Herbert Vinton, B.S.C.E., A.B.		Grad	Ithaca
Houchins, Joseph Roosevelt	1926	A	Ithaca

Houck, Isabel Ruth	1922 A	Ithaca
Houck, Philip Ernst	1925 M	Ithaca
Houck, Robert Charles, B. Chem	Grad	Honeoye Falls
Hough, Walker Blaine	1923 M	Denver, Colo.
Houk, Gerald Bravo	1922 Ar	Owego
Hourigan, Michael William	1923 C	Brooklyn
Howard, Edwin Johnston	1923 A	Detroit, Mich.
Howard, John Everett	1923 C	West Bridgewater, Mass.
Howard, Leona Agnes	1925 Ag	Cortland
Howe, Donald Atkins	1922 Ag	Yonkers
Howe, Knox Buscoe	1925 A	Houston, Texas
Howe, Lucille	1925 Ag	New York City
Howe, Stanley Ranous	1925 A (Chem)	Minneapolis, Minn.
Howell, Carter Alexander	1923 Ag	New York City
Howell, Emily Louise	1923 A	Corning
Howell, George Brokaw	1922 Ar	New Brunswick, N. J.
Howell, Helen Ilse	1922 A	Ithaca
Howell, Henry Clay	1923 A (Chem)	Boonton, N. J.
Howell, Henry Porter	1925 Ag	Riverhead
Howell, Wilbur Samuel	1924 A	Addison
Hower, Irene Lydia	1923 Ag	Danielsville, Pa.
Hower, Lela Rebecca	1923 Ag	Danielsville, Pa.
Howerth, Dwight Goldwin	1923 E	Shamokin, Pa.
Howes, Charles Everett	1925 A	Elmira
Howes, Raymond Floyd	1924 A	Elmira
Howlett, Freeman Smith, B.S.	Grad	Knowlesville
Hoy, David Fletcher, jr.	1923 M	Ithaca
Hoyt, Kendall King	1925 C	Washington, D. C.
Hoyt, Laura Martha	1924 A	Wellsville
Hoyt, Lawrence Wibirt	1922 C	Danbury, Conn.
Hsiung, Ming-Tsing	1925 A	Kweiyang, Kweichow, China
Hu, Kuang-Tao	1925 C	Tientsin, China
Huang, Ching Kang	1926 C	Shanghai, China
Huang, Pao Chao, B.S.C.E.	Grad	Shanghai, China
Hubach, Clifford Earle	1924 A (Chem)	Los Angeles, Cal.
Hubbs, Hazlett David	1923 M	Amsterdam
Huckett, Hugh Cecil, B.S.A., M.A.	Grad	Cuckfield, Sussex, England
Huckle, Herbert Thomas	1926 Ag	Clyde
Hudes, Nathan	1923 A	Brooklyn
Hudgins, Houlder	1923 A (Chem)	New York City
Hudson, Harriet Emeny	1922 Ag	Fulton
Hudson, Hoyt Hopewell, A.M.	Grad	Cleveland, Ohio
Huestis, John Phelps	1923 A	Greencastle, Ind.
Huey, Lee	1924 Ag	Bradford
Huey, Linton Douglas	1923 Ag	Bradford
Hughes, Benjamin Abbott	Sp Ag	New York City
Hughes, Bennett Owen	1924 Ag	Mechanicville
Hughes, Charles Mackey	1923 M	Franklin, Pa.
Hughes, Edward Wesley	1924 A (Chem)	Wilkes-Barre, Pa.
Hughes, Eleanor M.	1924 Ag	Port Jervis
Hughes, Elizabeth Pritchard	1923 Ag	Wilkes-Barre, Pa.
Hughes, Marie Iveita	1923 A	Port Jervis
Hughes, Mary Eleanor	1926 Ag	Utica
Hughes, Peter Francis	1922 M	Delicias, Oriente, Cuba
Hughes, Ralph Jarvis	1924 M	Utica
Hukill, James Layng, jr.	1922 Ag	Pittsburgh, Pa.
Hulbert, Thorne Comings	1923 A	Ithaca
Hulme, Harold, A.B.	Grad	Cleveland, Ohio
Hulnick, Alvin	1925 A	Rosebank
Huls, Raymond Theodore	1922 Ag	Rochester
Hulst, Harold Brett	1924 E	Ishpeming, Mich.
Hultzen, Hilda Victoria	1924 Ag	Norwich
Humphrey, Mary Frances	1925 Ag	Silver Springs
Humphrey, Merwin Weeks	1925 Ag	Albion
Humphrey, Onias Skinner, jr.	1923 M	Albany
Humphrey, Rufus Richard, B. Ped., A.M.	Grad	Tompsonville, Mich.
Hungerford, Jay Clark, B.S.A.	Grad	Ithaca
Hunt, Genevieve	1925 Ag	Ithaca
Hunt, Harold Gordon, B.S.	1922 C	Worcester, Mass.
Hunt, Norman Eberle	1925 Ag	Branchport
Hunter, Amy Louise, A.B.	Grad	Pleasantville
Hunter, Arthur Templeton	1923 M	Webster Groves, Mo.
Hunter, Elizabeth	1923 A	Grand Gorge
Hunter, Howard Louis	1925 A (Chem)	Fulton
Hunter, Morris	1925 E	New York City
Hunton, Marion Hoppé	1924 A	Philadelphia, Pa.
Huntsinger, Franklin James	1925 E	Buffalo
Huntsinger, Herbert Anthony, B.S.	Grad	Buffalo
Hurd, Leland Cady	Sp Ag	Holley
Hurlburt, John Conrad	1924 Ag	Hinsdale

Hurlbut, Homer Lewis	1923	Ag.	Ovid
Hurley, James David	1925	A.	Lake Placid
Hurst, Elmer Travis	1922	M.	Wyoming
Huschke, Henry Albert Ralph	1922	Ag.	Hurleyville
Husted, Katharine	1923	A.	Lonaconing, Md.
Hutchings, William Henry	1922	Ag.	North Chili
Hutchison, Miller Reese, jr.	1924	M.	West Orange, N. J.
Huttar, John Carl	1924	Ag.	West New Brighton
Hutter, George Francis	1926	M.	Niagara Falls
Hutton, James	1924	A.	Walton
Hutton, Joseph Warren	1925	A.	Auburn
Hutzler, John George	1926	Ag.	Buffalo
Huyck, Ralph Slater	1923	E.	Deposit
Hyatt, James Mead, A.B.		Grad.	Ithaca
Hyatt, John Edgar	1925	Ag.	Endicott
Hyde, Karl Clayton, A.M.		Grad.	Ithaca
Hyde, Stuart Noble	1922	A (Chem)	Elmira
Hyman, Stelle Georgea	1925	A.	New York City
Hyne, Charles William	1923	A.	Evansville, Wis.
Hyslop, George William	1925	A.	Toronto, Canada
Ickes, Edward William	1924	A.	Bloomdale, Ohio
Ihrig, Evelyn Alice	1923	A.	Brooklyn
Iler, Russell Hills, A.B.	1924	MD (N.Y.C.)	Brooklyn
Illig, Rudolph F., jr., B.S.		Grad.	New York City
Ingersoll, Royal Burrdell	1926	E.	Fillmore
Ingersoll, Thomas Chalmers	1925	M.	Beloit, Wis.
Inglis, Stuart	1925	C.	Hackensack, N. J.
Ipark, William Washington	1922	Ag.	Washington, D. C.
Iredell, Frances Barrett	1924	A.	Painted Post
Irish, Charles Godwin	1923	A.	Auburn
Irish, Frances Christine	1925	Ag.	Auburn
Irish, Ruth Frances	1922	Ag.	Auburn
Irvine, Ralstone Robert	1923	A.	Salt Lake City, Utah
Isaacson, Morris	1924	Ag.	Brooklyn
Isaacson, Samuel	1924	Ag.	Brooklyn
Iserman, Michael, B.S.	1923	MD (N.Y.C.)	New York City
Itzkowitz, Ida	1923	A.	New York City
Ives, Edward Frederick	1925	Ag.	Lynbrook
Ives, Helen Marie	1923	A.	Albany
Ives, William Egbert	1924	A (Chem)	Brewster
Jablonska, Frank Anthony	1925	A.	Brooklyn
Jablonsky, Isidore William	1922	A 1925 MD (N.Y.C.)	Brooklyn
Jackson, Anna Hyde	1924	Ag.	Yonkers
Jackson, Frederick Dewey, B.S.		Grad.	Pottstown, Pa.
Jackson, Gemma	1923	A.	New York City
Jackson, George Samuel	1922	M.	Brooklyn
Jackson, Helen Piatt	1923	Ag.	Ithaca
Jackson, Jesse Atwater	1924	M.	Savannah, Ga.
Jackson, Marietta Mildred	1923	Ag.	West Danby
Jackson, Myron Robinson, B.S.	1923	MD (N.Y.C.)	Norwich, Conn.
Jackson, Ralph Heroy	1925	A.	Binghamton
Jackson, Seth	1925	Ag.	Saginaw, Mich.
Jackson, William I.	1924	C.	New Rochelle
Jacobs, Arthur Lincoln	1925	A.	Far Rockaway
Jacobs, Benjamin, B.S.	1923	MD (N.Y.C.)	New York City
Jacobs, Edward, B.S.	1925	MD (N.Y.C.)	New York City
Jacobs, Frances Beatrice	1922	A.	New York City
Jacobson, Abraham Aaron	1922	A.	Brooklyn
Jacobson, David	1923	M.	Parksville
Jacobson, Lillian Esther	1925	A.	Parksville
Jacobstein, Ellison	1922	M.	Rochester
Jaeger, Otto Carl	1924	A (Chem)	White Plains
Jaffee, Wilton Louis	1925	A.	Brooklyn
Jagger, Seth Ransom, B.A.	1924	MD (N.Y.C.)	Flushing
Jahn, Raymond Frederick	1923	M.	Brooklyn
James, Chester Kenneth	1924	M.	Youngstown, Ohio
James, Edward David	1923	Ar.	Indianapolis, Ind.
James, Mabel Frances	1925	Ag.	Port Henry
James, Thomas Rutherford	1925	M.	Pelham
James, Wilbur Oakley	1923	C.	Kingston, Pa.
Jameson, George Slade	1925	Ag.	Rochester
Jamieson, Fleming Estep	1923	M.	Pittsburgh, Pa.
Jamison, Charles Chambers	1926	E.	Bay Shore
Janes, Edwin Babcock	1924	A.	Chicago, Ill.
Janes, Frances Mildred	1925	Ag.	Chicago, Ill.
Janes, Harold Barclay	1925	Ag.	Moorestown, N. J.
Janeway, Robert Noah	1922	M.	New York City
Janicki, Anthony Stephen, jr.	1925	Ag.	Brooklyn
Jannott, Edward Francis	1925	Ag.	Albany

Jansen, Mildred Gertrude	1923 A	Pine Bush
Jaquish, Helen Louise	1922 A	Brooklyn
Jaquith, Stephen Mansfield	1925 A	Schuylerville
Jarka, Clement Alphonsus, A.B.	1922 MD (N.Y.C.)	Mt. Carmel, Pa.
Jaynes, Cornelia	1926 V	West Edmeston
Jefferis, Albert Webb, jr.	1925 Ag.	Washington, D. C.
Jeffery, George Edward	1924 C	Washington, D. C.
Jeffery, Ralph Lent, B.A.	Grad	Overton, N. S. Canada
Jeffres, Lawrence Millard	1923 Ag.	Wyoming
Jeffrey, Joseph Olmstead	1925 M	New York City
Jelley, Joseph Franklin, jr.	1925 C	Phoenixville, Pa.
Jenkins, John Gamewell	1923 A	Brooklyn
Jenks, Leon E., M.S.	Grad	Ithaca
Jenks, Stephen Moore	1923 M	Woodbury, N. J.
Jennings, Burton Aaron, B.S.	Grad	Ithaca
Jennings, Clyde Austin	1925 Ag.	Montgomery
Jennings, George Jackson	1922 Ag.	St. Louis, Mo.
Jennings, Stephenson	1923 Ag.	Menominee, Mich.
Jensen, Leif George	1923 MD (N.Y.C.)	Port Richmond
Jensenius, Karen	1923 A	Philadelphia, Pa.
Jerman, Wilma Sinton	1925 Ag.	Washington, D. C.
Jerome, Alan Jerome	1923 M	Toledo, Ohio
Jerome, Carmen Ursula	1924 A	New York City
Jewett, Eugene Lyon	1922 A (Chem)	Fredonia
Jewett, Harold Alden	1922 A (Chem)	Fredonia
Jewett, Rexford Wilber, B. Chem.	Grad	Fredonia
Jewett, Richard William Dickinson	1924 Ag.	Nyack
Job, Robert	1925 M	Westmount, Que., Canada
Joffe, Sara Jacqueline	1922 A (Chem)	New York City
Johann, Dorothy Marie	1925 A (Chem)	Huntingdon, Pa.
Johannsen, Dorothea Elizabeth	1924 A	Ithaca
John, Carl Frank	1922 M	Milwaukee, Wis.
Johns, Juanita Pearl	1922 A 1925 MD	Ithaca
Johnson, Albert Mason	1923 M	Berwick, Pa.
Johnson, Arthur Stillwell	1922 L	Woodside
Johnson, Carlton Evan	1925 A	Evanston, Ill.
Johnson, Carmen May	1922 Ag.	Canandaigua
Johnson, Edgar Blauvelt, B. Chem.	Grad	Ithaca
Johnson, Ellwood Noble	1925 A	Detroit, Mich.
Johnson, Elmer Dayton	1924 C	Apple Creek, Ohio
Johnson, Elmer Marker	1922 A	Boise, Idaho
Johnson, Hibbard Fisk	1922 A	Racine, Wis.
Johnson, James Cabell	1925 Ar	Milwaukee, Wis.
Johnson, LeRoy Ernest	Sp Ar	Dayton, Ohio
Johnson, Mary Claudine	1924 A	Fish's Eddy
Johnson, Mary Pauline	1923 Ag.	Ithaca
Johnson, Murray Foster	1923 A	Woodside
Johnson, Pickens	1922 A	Chicago, Ill.
Johnson, Ralph Swift	1924 Ag.	Ithaca
Johnson, Raymond Taylor	1924 M	Washington, D. C.
Johnson, Rodolph Lewis	1924 E	Charleston, W. Va.
Johnson, Roger Charles	1923 E	Ithaca
Johnson, Roger Chenler	1924 E	Canandaigua
Johnson, Rudolph Albert	1923 M	Brooklyn
Johnson, Ruleph Armitage	1925 M	Lynbrook
Johnson, Wright	1923 Ag.	Washington, D. C.
Johnston, Edwin	1922 A	Cortland
Johnston, William Andrew	1925 M	Canton, Ohio
Johnstone, James Watson	1923 E	Perth Amboy, N. J.
Jolliffe, Charles Byron, B.Sc., M.S.	Grad	Ithaca
Jonas, Clara Elizabeth	1923 Ag.	Ithaca
Jones, Ada Elizabeth	1923 Ag.	Wilkes-Barre, Pa.
Jones, Anna Gladys	1922 A	Baltimore, Md.
Jones, Frances Mildred	1925 Ag.	Chicago, Ill.
Jones, Fred LaFayette, A.B.	Grad	Greenville, S. C.
Jones, Harold Barclay	1925 Ag.	Moorestown, N. J.
Jones, John Paul, M. S.	Grad	Davidsonville, Md.
Jones, John Reginald	Sp Eng.	Ithaca
Jones, Olive Rilla	1923 Ag.	Westfield
Jones, Putnam Fennell	1924 A	Amsterdam
Jones, Reno Victor	1922 A	Niles, Ohio
Jones, Walter Paul, A.B.	Grad	Ithaca
Jones, Walter Roy	1924 E	Poughkeepsie
Jones, Warren Herbert	1922 A (Chem)	Rockaway Beach
Jones, William Henry	1926 M	Vincetown, N. J.
Jones, William Paul	1923 M	Sharon, Pa.
Jordan, Gertrude H.	Sp Ag.	New York City
Josefson, Abraham	1922 C	Middletown
Joslin, Eric Francis	1924 A	Great Bend
Joslovitz, Dorothy Baker	1924 A	Kingston

Joyce, Albert Goodloe, jr.	1923 A	Dallas, Texas
Joyce, Joseph Patrick	1925 A (Chem)	Pittston, Pa.
Kackenmeister, Elizabeth Caroline	1925 A (Chem)	Williamsport, Pa.
Kadushin, Charles George	1923 Ag	Brooklyn
Kahler, Herbert, B. S.	Grad	Tacoma, Wash.
Kahn, Albert Bloom	1924 A	Sheridan, Wyo.
Kahn, Beatrice	1923 A	New York City
Kahn, Helen	1925 A	New York City
Kahn, Leon Sidney	1925 A	Norwalk, Ohio
Kahn, Morris Hirsch, M.D.	Grad (N.Y.C.)	New York City
Kahn, Morton Charles, B.S.	Grad (N.Y.C.)	New York City
Kalabza, Joseph Frank	1923 Ag	Long Island City
Kalischer, David Edgar	1923 M	Brooklyn
Kammerer, Frederick Stanley	1922 E	Staten Island
Kane, Eva Dorothy	1925 A	Brooklyn
Kang, Shih-Cheng, B.S.C.E.	Grad	Shanghai, China
Kantor, Charles, B. S.	1923 MD (N.Y.C.)	New York City
Kaplan, Benjamin	1922 Ag	Brooklyn
Kaplan, David	1925 E	Rochester
Kaplan, Herman Benjamin	1925 A	Union, N. J.
Karnow, Aaron	1922 A	Brooklyn
Karnow, Herman	1925 A	Brooklyn
Karns, Hilda Elmira	1924 Ag	Benton, Pa.
Karp, Alexander Xenophon	1923 A (Chem)	Farmingdale
Karpeles, Seymour Leopold	1922 A (Chem)	Newark, N. J.
Kast, Richard August	1925 A	Buffalo
Katchen, Jeannette	1923 A	Newark, N. J.
Katz, Abraham Samuel	1925 A	Brooklyn
Katz, Nathan	1925 A	Montgomery, Ala.
Katz, Samuel	1923 A	Brooklyn
Kauffman, Abraham Louis	1922 A	Massena
Kauffman, Charles Crouch	1924 C	Atlanta, Ga.
Kaufhold, Arthur William	1923 Ar	Scranton, Pa.
Kaufman, Jacob	1922 Ag	New York City
Kaufman, Stella Ruth	1924 A	Brooklyn
Kaufmann, Richard Kohns	1922 A	New York City
Kautz, Henry	1925 Ag	Ithaca
Kaw, Edgar Laurence	1923 Ar	New York City
Kay, Harry Rayburn	1922 A	Sheridan, Wyo.
Kay, Raymond James	1925 A	Central Falls, R. I.
Kay, Sidney Garner	1922 A	Harrisburg, Pa.
Kayko, Charles Joseph	Sp A	Schenectady
Kayser, Reuben, B.S.	1922 MD (N.Y.C.)	New York City
Keane, Helen	1924 A	Pine Island, Minn.
Kearney, William James, jr.	1924 M	New Orleans, La.
Kearns, Wilfrid McDonnell	1922 M	Rochester
Keasbey, Louisa Edwina, M.A.	1924 MD (N.Y.C.)	Morristown, N. J.
Keefe, Leona Dorothy	1925 A	Ithaca
Keefe, Arthur John	1924 A	Elmira
Keeler, Lansing Herman	1925 MD (N.Y.C.)	Brooklyn
Keenan, Delbert Ernest	1922 A	Elmira
Keeseey, William Harold	1926 M	Columbia, Pa.
Keesler, Donald Francis	1925 M	Syracuse
Keezer, Dexter Merriam, A.B.	Grad	Denver, Colo.
Keiper, Katherine	1924 A	Rochester
Keliher, James	1923 C	Chevy Chase, Md.
Keller, John Calvin, B.S.	Grad	Binghamton
Kelley, Celina Ray	1923 Ag	Patterson
Kelley, Gerald Louis	1923 Ag	Mansfield, Pa.
Kelley, Kathryn Margaret	1925 A	New York City
Kellner, Frank Everts, B.S.	1924 MD (N.Y.C.)	Hamilton, Wash.
Kellogg, Stuart Bell	1923 Ag	Whitesboro
Kells, Charles Franklin	1923 M	Astoria
Kelly, Dolores Alberta	1923 A	Brooklyn
Kelly, Margaret Esther	1924 Ag	Ithaca
Kenah, Roland Miner	1924 M	New Brighton, Pa.
Kendall, Charles Emerson	1923 Ag	Churchville
Kendall, Talbot Parker	1924 A	San Diego, Cal.
Kendrick, Myron Slade, A.M.	Grad	Columbia, Mo.
Kenfield, Lambert Lewis	1925 Ag	East Randolph
Kennard, Margaret Jarmon, A.B.	Grad	Ithaca
Kennedy, Clarence Edward	1923 M	East Weymouth, Mass.
Kennedy, Durward Belmont	1922 M	Flushing
Kennedy, Edward Kavanagh	1922 A	Buffalo
Kennedy, Evelyn Ruth	1925 A	Ithaca
Kennedy, James Arthur, A.B.	Grad	Ithaca
Kennedy, Samuel Van Dyke, jr.	1924 M	Auburn
Kennelly, Edward Martin	1925 V	Ithaca
Kenney, Francis Paul, A.B.	1925 MD (N.Y.C.)	Pittsburgh, Pa.
Kenney, Thomas Victor	1925 A	Troy

Kent, Arthur Meaux	Sp Ag	Ithaca
Kenville, William John, A.B.	1925 MD (N.Y.C.)	New York City
Kenwell, Margaret Melrose	1924 Ag	Jamestown
Kenworthy, Clarence Sprague	1923 M	Liberty
Kenyon, Albert Rees	1926 Ar	Clayton
Kenyon, Robert Smith	1925 M	Pittsfield, Mass.
Kern, Arthur Emerson	1925 A	Bellaire, Ohio
Kern, Clyde Lewis	1924 V	Worcester
Kerr, Homer Paddock	1924 Ag	Buffalo
Kerr, Lucy Edwards	1925 Ag	Hammondsport
Kessel, Marcel Hartwig, A. B.	Grad	Buffalo
Ketchum, Frederick Theodore	1923 A	Owego
Kevitz, Alexander	1923 A	Brooklyn
Kezer, Claude Allen	1922 Ag	Massena
Kibby, Loren Sullivan	1922 Ag	Turin
Kidder, Hazel Letitia	1922 Ag	Sherman
Kilby, John Homer	1923 Ag	Brooklyn
Kildore, William Hamilton	1924 M	Tiffin, Ohio
Kilgore, Jess Baxter	1925 M	Montclair, N. J.
Kimball, David Wheeler	1924 Ag	Highland Park, Ill.
Kimball, Marjorie Gertrude	1924 A	Auburn
Kimber, Warren Spering	1925 M	Syracuse
King, Chou-Son	1924 A	Shanghai, China
King, George Ludwig, jr.	1925 A	Bellevue, Pa.
King, Helen	1924 Ag	Middletown
King, John Harold	1924 A	Cleveland, Ohio
King, Myra Elizabeth	1926 Ag	Waterford
King, Phebe Mabel	1922 A	Merrifield
King, Theodore Franklin, jr.	1922 M	Chattanooga, Tenn.
King, William Robert	1924 E	Pittsburgh, Pa.
Kingsley, Donaldson Wright	1922 A	Minden, Nebr.
Kinne, Martha Louise	1924 Ag	Ovid
Kinney, Helen	1922 A	Brooklyn
Kinoy, Harry Nathan	1924 A (Chem)	New York City
Kinsey, Jennie	1922 A Grad	Hempstead
Kinsley, Carl, A.M., M.E.	Grad	Washington, D. C.
Kinsman, Daniel Francis, B.S.	Grad	Greene
Kinsman, Russell Clough, B.S.E.E.	Grad	Calumet, Mich.
Kinsolbing, William Carey, jr.	1923 E	Fort Worth, Texas
Kirby, Edward Buckler	1925 C	Newark, N. J.
Kirby, Robert Stearns, M.S.	Grad	Ithaca
Kirchner, Conrad Carleton	1924 A	Poughkeepsie
Kirk, Winifred, A. B.	1923 MD (N.Y.C.)	New York City
Kirkpatrick, Ellis Lore, M.S.	Grad	Ithaca
Kirsch, Abraham	1925 A	New York City
Kissin, Milton	1925 A	New York City
Kitts, Howard Lee	1925 E	Gouverneur
Kiyooka, Eiichi	1926 A	Tokyo, Japan
Klages, Ellett Huber	1923 A	Brooklyn
Klecka, Joseph, C.E.	Grad	Brno, Czecho-Slovakia
Klein, Daniel	1925 A	Brooklyn
Klein, Emanuel	1925 Ag	New York City
Klein, Howard Belmont	1924 A	Cleveland, Ohio
Klein, Hyman, A.B.	1923 MD (N.Y.C.)	Brooklyn
Kleinberger, Alfred	1925 E	New York City
Klenke, Edith Theodora	1924 A	New York City
Kletzsch, Arthur Charles	1925 E	Milwaukee, Wis.
Kliegl, Herbert Anton	1925 E	New York City
Kline, Daniel Christie	1925 C	Nyack
Kline, Emil, A.B.	Grad	Hudson
Kline, Ernest Hall	1924 A	Nyack
Klinefelter, George Young	1925 Ag	Baltimore, Md.
Kliot, Nathan	1924 M	Brooklyn
Klock, Dorothy Dean	1924 Ag	Orlando, Fla.
Klock, Ruth Vera	1922 Ag	Auburn
Klump, George Swartz	1923 A	Williamsport, Pa.
Kndel, George Jochmus	1924 E	Ilion
Knapp, Gurdon Horton	1924 C	Bay Shore
Knapp, Laurence Bernard	1922 Ag	Port Byron
Knapp, Perley Mason	1923 Ag	Homer
Knapp, Phillip Knox	1924 M	Syracuse
Knapp, Romaine Cole	1925 A	Waverly
Knapp, Ronald Glenn, B.S.	Grad	Port Byron
Knauss, Herman	1924 M	Poughkeepsie
Knauss, Walter Paul	1922 Ag	Poughkeepsie
Knaysi, George Abdallah, B.C.	1924 C	Atmore, Ala.
Kneen, Harold Fitch	1925 M	Cleveland Heights, Ohio
Knight, Henry Granger, Ph.D.	Grad	Stillwater, Okla.
Knight, Lucile Elouise	1922 A	Cortland
Knight, Neal William, B.S. in C.E.	Grad	Louisville, Ky.

Knighton, Wesley Simpson	1925	Eng.	Buffalo
Knighton, Willis Sackett, A.B.	1924	MD (N.Y.C.)	New York City
Knipe, Donald Macclay	1923	E	New York City
Knobloch, Ellis Tracy	1924	M	Erie, Pa.
Knowles, Kenneth Alward	1925	C	Denton, Md.
Knowles, Newton Talbot	1925	A	Jamestown, R. I.
Knowlton, Frank Eldor	1925	Ag.	Forestville
Knowlton, Paul Holland, jr.	1924	M	Guilford, Me.
Knox, George William	1926	M	Ithaca
Knox, Margaret Blauvelt	1924	Ag.	Poughkeepsie
Kobayashi, Teiji, B.E.		Grad	Honjiyo, Tokyo, Japan
Kobuski, Clarence Emmeren	1924	Ag.	Gloversville
Koby, Madalene	1925	Ag.	Naples
Koehler, Arnold Wolfgang, jr.	1924	A	New York City
Koehler, Milton Alphonse	1922	Ag Grad	Lynbrook
Koerner, Helen Frieda	1924	A	Staten Island
Kohl, Vincent Louis	1924	M	Chicago, Ill.
Kohler, Albert Huntress	1923	C	Wilkes-Barre, Pa.
Kohler, Howard Remington	1925	C	Medina
Kohm, Raymond Albert	1924	C	Ithaca
Kohn, Morton Charles, B.S.		Grad (N.Y.C.)	New York City
Kolb, Jacob Lawrence	1925	A	Elmira
Kollin, Edmund	1924	A	Cleveland Heights, Ohio
Kolodin, Frances	1926	A	Newark, N. J.
Koo, Mao-Hsum, B.S.C.E.		Grad	Wusih, Kiangsu, China
Kootz, Rachel	1923	A	Portsmouth, Va.
Kopki, Joseph	1923	A	Elmira
Korchien, Julius	1924	Ar.	Rochester
Kovas, Helen Elizabeth	1925	A	Ossining
Kovner, Bernard Jacob	1924	A	Brooklyn
Kramer, Earl Samuel	1923	A	Akron, Ohio
Krauss, William Ernest	1922	Ag.	Brockport
Krebs, Carl Erwin	1924	Ag.	Gowanda
Kreezer, George	1925	M	Brooklyn
Kreinherder, Millard Robert	1922	A	Buffalo
Kreisel, George Reinhardt	1924	Ag.	Amsterdam
Krentz, Edna Johanna	1922	A	Buffalo
Kresga, Edna Lorine	1925	Ag.	Ithaca
Kress, Frederick William	1925	M	Johnstown, Pa.
Kressel, Samuel	1925	M	New York City
Kretschman, Edwin Charles	1924	M	Elmira
Kretschmer, Beatrice Elizabeth	1922	A	Demarest, N. J.
Kreuter, Louise	1924	A	New York City
Kreuzer, Frederick Anthony	1925	A	Syracuse
Krey, Elsie Caroline	1923	Ag.	Washington, D. C.
Krider, Harold Henry	1925	M	Canton, Ohio
Krieg, Edwin Holmes	1922	M	Woodhaven
Kriegsman, Edwin	1922	A Grad	New York City
Krinski, Herbert Bernard	1925	A	Brooklyn
Kritzmacher, Ernest August Jacob	1924	A (Chem)	Newark, N. J.
Kroehle, Edgar Williams	1925	E	Cleveland, Ohio
Kroin, Harry Essler, A.B.	1923	MD (N.Y.C.)	Brooklyn
Kroll, Harry Aaron	1925	A	Buffalo
Kroll, Stanley Perry	1922	E	Saginaw, Mich.
Krouse, Daniel Harvey	1925	Ag.	Pittsburgh, Pa.
Kruger, Leola Josephine	1922	A	New York City
Krupkin, Nathan	1925	A	Watertown
Kuchler, Emma Gunther	1923	Ag.	New Rochelle
Kuehnert, Lucy Emma	1922	A	McDonald, Pa.
Kugeman, William Emil, jr.	1922	A	West Cornwall, Conn.
Kugler, Clarence Bleyler, 3d	1925	A	Philadelphia, Pa.
Kuhrt, William Joseph	1923	Ag.	Forestville
Kuntz, Janet Zillah	1924	Ag.	Treichler's, Pa.
Kuo, Hsi Tang, B.S.A.		Grad	Honan, Canton, China
Kupfer, Max	1922	C	Brooklyn
Kupstas, John	1924	M	Wilkes-Barre, Pa.
Kurfiss, John Frederick	1924	M	Indianapolis, Ind.
Kurland, Rose	1923	A	New York City
Kvakan, Pavao, Ing. of Agr.		Grad	Krizevci, Jugo-Slavia
Kvaratzkhelia, Paul Dimitry	1923	Ag.	Tiflis, Caucasia
Kwei, Ming King, B.Sc. in C.E.		Grad	Shanghai, China
Kwei, Ming-Sin	1922	E	Peking, China
Kwit, Morris, B.S.		Grad	Brooklyn
Kwong, Chao Chi	1922	M	Chihli, China
Kwong, Tsae Ngoo, B.A.	1924	MD (N.Y.C.)	Shanghai, China
Laas, Aubrey Gilbert	1923	M	Whitesboro
Laborde, Salvador	1923	M	Havana, Cuba
Lacey, Harold Talbot, B. Chem.		Grad	Binghamton
Lachowski, Mary	1925	A	New York City

Lacy, Lucy Vernelia	1924	Ag	Skaneateles
Ladas, George	1924	A	New York City
Ladd, Walter Garnett	1922	M	Clarksville, Tenn.
LaFrance, John	1922	V	Ithaca
Laidlaw, William King	1922	A	Ellicottville
Laird, George Alvin	1924	M	Waterbury, Conn.
Laird, Joseph T., 3d	1925	A	Freehold, N. J.
Lake, Francis Wilbur	1922	C	Burbank, Cal.
Lake, John Frederick, B.S.	Grad		Ithaca
Lake, Michael, A.B.	1922	MD (N.Y.C.)	New York City
Lakin, Albert Hall	1922	L	Emporia, Kans.
Lambertson, Harold Brown	1925	A	Glens Falls
Lamerdin, William Lewis, jr	1925	C	Norfolk, Va.
LaMont, Dorothy Elizabeth	1924	A	Albion
Lamoureux, Clarence Eugene	1923	Ag	Ithaca
Land, Richard Irving	1925	C	New York City
Landback, Pearl Evans	1925	M	Collingswood, N. J.
Landers, William Fisk	1923	A	Indianapolis, Ind.
Landgraf, Dorothea Clark	1922	A	Sandusky, Ohio
Lane, Edward William	1923	Ag	Genoa
Lang, Edward Hill	1925	M	Jersey City, N. J.
Lang, Frederick Robert	1922	A (Chem)	Valley Park, Mo.
Laning, Paul Ford	1924	A	Cleveland, Ohio
Lansdowne, Robert Joseph	1923	A	Buffalo
Lape, Frederick Henry, A.B.	Grad		Esperance
LaPierre, Maynard Joseph	1925	V	Chazy
Larco, Rafael Victor	1924	A	Trujillo, Peru
Lardner, Gilmore Anthony	1922	A	Rock Island, Ill.
Large, Edward Wilson	1922	A (Chem)	Collingswood, N. J.
Larkin, Helen Louise	1924	Ag	Ithaca
Larkin, John Vincent, B. Arch	Grad		Ithaca
Larkin, Leo Joseph, A.B.	Grad		Ellenville
Larkin, Leo Paul, A.B.	1922	MD (N.Y.C.)	Ithaca
Larkin, Mildred Beatrice	1924	A	Ithaca
Larkin, Naomi Anna	1922	A	Ithaca
Larrabee, Callie Hamm, A.B.	1922	MD (N.Y.C.)	Frankfort, Me.
Larrabee, Dorothy	1924	Ag	Binghamton
Larrabee, James Farnham	1923	Ag	Binghamton
Larsen, Axel Gunnar	1925	M	Copenhagen, Denmark
Larsen, Axel Martin, B.S.E.E.	Grad		Parkland, Wash.
Lasater, Corinne	1922	A	Oklahoma City, Okla.
Lassiter, William Lawrence	1925	Ag	Albany
Lathrop, William Hamilton	1922	A	Wayne, Pa.
Latona, Joseph Anton	1926	A (Chem)	Garfield, N. J.
Latschaw, Margaret Elizabeth	1924	A	Forest Hills
Lau, Kai Tso, B.A.	Grad		Fati, Canton, China
Lau, Rose Hing Huen	1922	A	Hong Kong, China
Laubengayer, Richard August	1925	Ag	Schenectady
Lauck, Edward White, B.S.	1922	C	Luray, Va.
Launt, Sarah Janette	1922	Ag	Walton
Lautz, Alfred Joseph	1924	M	Buffalo
Lawless, Edward James	1923	Ag	Utica
Lawrence, Claude Darwin	1923	E	Poughkeepsie
Lawrence, Kenneth Claud	1924	Ag	Ellington
Lawrence, Vivian Streeter, jr., B.S.	1922	M	Churchland, Va.
Lazarus, Joseph Ashur	1925	A	Bayonne, N. J.
Lazo, William Cornelius	1923	A	New York City
Lear, Gertrude Gugatsch	1923	A	Bethlehem, Pa.
Leary, Helen North	1922	A	Auburn
Lechler, George Price	1922	Ag	Philadelphia, Pa.
LeCluse, Eugene Francis	1923	E	Great Neck
Lederer, Marie Louise	1922	A 1925 MD	New York City
Ledesma, Ramon Ledesma, A.B.	1924	M	Iloila, Iloila, P. I.
Ledger, Ruth Elizabeth	1925	A	Saranac Lake
Lee, Arthur Walter	1925	M	Auburn
Lee, Donald Hall	1923	Ag	Delhi
Lee, George Ludlow	1923	A	Newark, N. J.
Lee, Robert Edward	1922	L	Mount Vernon
Lee, Walter Joseph	1922	M	Buffalo
Leet, Alan George	1923	Ag	Point Chautauqua
Leet, Ernest Delos	1923	A	Jamestown
Leet, Phedora Floy	1922	A	Fredonia
Leffingwell, Burton Alpheus	1923	Ag	Ithaca
Leffingwell, Dana Jackson	1922	A	Aurora-on-Cayuga
Leffler, Ethel Jeannette Julia	1924	A	Jamaica
Lefkowitz, Elias David	1926	A	Paterson, N. J.
Lefranc, Eugene	1925	E	Arecibo, P. R.
Lehman, James Weiser	1925	M	Indianapolis, Ind.
Leister, Claude Willard, B.S.	Grad		Ithaca
LeMoine, Marguerite Gertrude	1925	A	Holmdel, N. J.

Lempert, Samuel	1925 A	New York City
Lendway, Joseph	1923 M	Buffalo
Lenz, Henry Howard	1925 M	Gloversville
Leonard, Chilson Hathaway	1923 Ag	New York City
Leonard, Clifford Grant	1925 Ag	New Hartford
Leonard, James Frederick	1924 M	East Orange, N. J.
Leonard, Lester Carpenter	1922 L	Belmar, N. J.
Leonard, Robert Edwin	1925 C	East Orange, N. J.
Leonard, Robert Norman	1924 E	Port Richmond
Leonard, William Mileham	1924 M	New York City
Leonardo, Henry Francis	1924 L	Rochester
Leoni, Zoilo Guillermo	1924 C	Cochabamba, Bolivia
Leopold, Victor Bernard	1924 M	Chicora, Pa.
Lerch, Cornelia Elizabeth	1922 Ag	Branchport
Lerch, Elizabeth Beaver	1923 Ag	Allentown, Pa.
Lerner, Morris	1925 A	Brooklyn
LeRoy, Claude Arthur	1924 E	Cortland
LeRoy, Floyd Walter	1925 M	Cortland
Leshan, Abraham	1923 M	New York City
Lesser, Martin Van Buren	1923 A	New York City
Lessler, Chester Arthur	1926 A	New York City
Lester, Caroline Avery	1924 A	Seneca Falls
Lester, Olive Peckham	1924 A	Lancaster
Leun, Adolph Vincent	1925 M	Huntington
Leussler, Arthur Julian	1923 M	St. Louis, Mo.
Levi, Berthold Ismar	1924 A	Rochester
Levi, Olma	1922 A	New York City
Levick, John Harkness	1925 C	New Rochelle
Levin, Frances Sophia	1925 A	Glen Morris
Levin, George Morris	1924 A	Glen Morris
Levin, Jess	1925 A	Brooklyn
Levin, Matthew David	1925 A	Brooklyn
Levine, Joseph Milton, A.B.	1922 MD (N.Y.C.)	Brooklyn
Levine, Leon Isaac, B.S.	1922 MD (N.Y.C.)	New York City
Levine, Philip, B.S.	1923 MD (N.Y.C.)	Brooklyn
Levinson, Mae Haftt	1925 A	Peekskill
Levinton, Geneva	1925 A	New York City
Levis, John Preston	1924 M	Alton, Ill.
Levison, Maxine	1925 A	Toledo, Ohio
Levison, Maybelle	1924 A	Toledo, Ohio
Levitan, Benjamin	1925 A	Tarrytown
Levy, Beatrice	1924 A	New York City
Levy, Earle Elmer	1922 A	Rochester
Levy, Edward Harry, A.B.	1922 MD (N.Y.C.)	Yonkers
Levy, Frank Bertram	1924 M	New York City
Levy, Lawrence, B.S.	1923 MD (N.Y.C.)	New York City
Lewis, Alfred J.	1924 Ag	Walworth
Lewis, Charles Edward	1923 Ag	Barryville
Lewis, Charles Elias Fowler	1924 M	Brooklyn
Lewis, Harold Stephen	1926 E	Attleboro, Mass.
Lewis, Henry Steele	1923 A (Chem)	Norfolk, Va.
Lewis, Milton Tichenor	1923 Ag	Barneveld
Lewis, Mordecai	1925 M	Clarksburg, W. Va.
Lewis, William Lester	1922 M	Ithaca
LeWorthy, George Edwin, B.S.	Grad	Waterville
Lezard, Cecil Victor	1926 M	Kimberley, South Africa
L'Hommedieu, Howard Willis	1923 M	Chicago, Ill.
Li, Chia Chi	1925 M	Shanghai, China
Lichauco, Luis	1925 Ag	Manila, P. I.
Lichtenwallner, Miller Hawk	1923 Ag	Reading, Pa.
Liddell, Anna Forbes, A.B.	Grad	Charlotte, N. C.
Liddell, Howard Scott, A.M.	Grad	Ithaca
Liddle, Albert Walker, A.B.	Grad	Argyle
Liddle, Alda Emma	1922 A	Argyle
Lidell, Beatrice Ellen	1924 Ag	Schuyler Lake
Lifshey, Louis Lawrence	1923 Ag	New York City
Lightfoote, Ruth Edith	1922 Ag	Stanley
Lima, Gustavo, B.S. in C.E.	1922 C	Vieques, P. R.
Lincoln, Harriet Gray	1923 Ag	Glens Falls
Lincoln, John Dickey	1924 M	Marion, Va.
Lind, Martin Edward	1924 M	Auburn
Lindeman James McDonald	1924 Ar	Hamilton, Canada
Lindemer, Carl	1924 M	Trenton, N. J.
Lindsay, Daniel Curtis, A.B.	Grad	Beaver City, Utah
Lindsley, Luther Campbell, B.A.	Grad	Manassas, Va.
Lindstrom, Marjorie Emelia	1922 A	Jamestown
Ling, Olive Law	1924 A	Sea Gate
Linn, Carl Valentine	1922 M	Brooklyn
Lintz, Arthur William	1924 A	New York City
Lintz, Robert Milton	1924 A	New Kensington, Pa.

Liotta, Salvatore	1923 A	Brooklyn
Lippincott, Charles Dudley	1924 E	Moorestown, N. J.
Lippman, Thomas Berkeley	1925 A	Sag Harbor
Lipps, Ruth Swingle	1925 A	Corning
Lipsky, Merrill David	1922 A 1925 MD	Somerville, Tenn.
List, Carl Albert	1923 M	Hoboken, N. J.
Little, Clarence Jacob	1923 Ag	Sussex, N. J.
Little, Harold Falkner	1922 Ag	Addison
Little, Mabel May	Sp Ag	Ithaca
Liu, Chan Sung	1924 Ag	Brooklyn
Liu, Chi Sheng	1922 C	Shanghai, China
Liu, Chung Lo	1923 Ag	Foochow, China
Liu, Jun Sheng	1922 M	Shanghai, China
Livermore, James Northrup	1923 M	Gowanda
Livingston, Stanton Knowlton	1925 MD (N.Y.C.)	Scarsdale
Lobrano, Gustave Stubbs	1924 A	New Orleans, La.
Lock, John William	1924 A	Vandergrift, Pa.
Lockwood, Henry Skelding, jr.	1926 Ar	Brooklyn
Loesell, Clarence Michal, B.S.	Grad	Reese, Mich.
Logan, Glen Leslie	1923 M	Portage, Pa.
Loh, Kia Chu, B.S. in E.E.	Grad	Peking, China
Lohr, Flora Lucille	1925 Ag	Ithaca
Lohr, Harriett Marie	1924 Ag	Ithaca
Lomauro, James Rosario, A.B.	1924 MD (N.Y.C.)	Passaic, N. J.
Long, Richard Lewis	1923 A	Aurora, Ill.
Long, Tudor Seymour, A.B.	Grad	Summerville, S. C.
Long, William Thomas	1923 Ag	LaFayette
Longwell, Harold Walter	1925 A	Bath
Loomis, Amos Prescott	1924 C	Watertown
Loomis, Walter Earl, B.S.	Grad	Makanda, Ill.
Loope, Clarence	1922 V	Cortland
Lord, Russell Farnum	1923 A	Port Jervis
Lorenz, Francis Joseph	1924 E	Newark Valley
Lorenz, James Douglas	1923 Ar	Dayton, Ohio
Lottridge, Dorothy	1922 A 1925 MD	East Orange, N. J.
Louchheim, William Sandel	1925 M	Philadelphia, Pa.
Lounsbery, Julia Edith	1924 Ag	Brookton
Lovan, Charles Felix	1923 C	Springfield, Mo.
Love, Arthur Herbert	1925 A	New York City
Love, Louise Sirena	1922 A	Verona, N. J.
Lovejoy, Frederic Kimball	1924 C	Manhasset
Loveland, Clara N	1922 Ag	Auburn
Lovenberg, Harold Adlard	1925 A (Chem)	Summit, N. J.
Lowe, Ruth Elizabeth	1923 Ag	Ithaca
Lowenstein, Lloyd Lincoln	1925 A	New York City
Lowey, Henry	1924 A	New York City
Lowry, Robert Furman	1925 M	Utica
Lu, En-hsu, B.S. in C.E.	Grad	Nanking, China
Lucas, Albert	1923 C	New York City
Lucas, Broder Frederick	1923 Ag	Champlain
Lucas, John Senior	1924 M	Lakewood, Ohio
Luce, Clark Calby	1922 A (Chem)	Glen Ridge, N. J.
Luce, Marion Viola	1924 A	Riverhead
Ludins, George Horace	1924 V	New York City
Ludlow, Chester Wile	1924 M	Newark, N. J.
Ludlow, James Herbert	1924 C	Pittsburg, Kans.
Ludlum, Charles Daniel	1922 A (Chem)	Brooklyn
Ludlum, Robert Coumbe	1925 M	Chevy Chase, Md.
Ludlum, Walter Denton, jr.	1924 A	Brooklyn
Ludy, Marguerite Thora	1923 A	Newton Highlands, Mass.
Lueder, Hendrick Wright, jr.	1923 M	Ithaca
Luffman, Harold Wells	1923 Ag	Clyde
Lufkin, Harold Marshall, B.A., S.T.B.	Grad	Parkesburg, Pa.
Luhrs, Henry Ernst	1923 Ag	Woodhaven
Lull, Ruth Stewart	1925 A	Binghamton
Lum, Clarence Kaawaapahulu	1923 C	Honolulu, Hawaii
Lumsden, George Quincey	1922 Ag	Ithaca
Luna, Arsenio Paez, A.B.	1925 C	Malabon, Rizal, P. I.
Lundelius, August	1925 E	Port Jervis
Lundie, Arnold Ernest, B.Sc., M.A.	Grad	Idutywa, Transkei, South Africa
Lung, Shun Yeu, B.Sc. in E.E.	Grad	Kwangsi, China
Luque, Eduardo Diaz	1923 M	Mexico City, Mexico
Lurie, Bessie	1923 A	Brooklyn
Lurie, Harold Edward	1924 A	Brooklyn
Lurie, Mendel	1924 A	Brooklyn
Luscher, Ruth Margaret	1922 A	LeRoy
Lusk, Joseph Paul	1925 Ag	Scotia
Luther, James Henry	1923 M	Olean
Lutikoff, Elizabeth Kpsminiche	Sp MD(N.Y.C.)	Brooklyn
Lyman, Frederic Pomeroy, jr.	1924 C	Kansas City, Mo.

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Lynahan, Gertrude Mary	1922	Ag	Corning
Lynch, Harriet Louise	1924	A	Beacon
Lyon, Donald Rich	1925	A	Hobart
Lyon, John Lyttleton	1925	Ag	Ithaca
Lyons, Anna Veronica	1925	Ag	Waverly
Lyons, Charles Ernest	1922	M	Dansville
Lyons, Hannah Matilda	1924	A	Uniontown, Pa.
Lyons, John Daniel, jr.	1923	A	Monticello
Lyons, Virginia Helen	1924	A	Syracuse
Lytle, Roy Cobb	1924	A	Pittsburgh, Pa.
Maahs, Arthur John	1922	C	Charleston, W. Va.
Maas, William George	1925	Ar	Negaunee, Mich.
Mabee, Jennie Elizabeth	1923	MD (N.Y.C.)	Ithaca
McAllester, Allen Egbert	1923	Ag	Lake View
McAllester, Walter Griffin	1924	Ag	Lake View
McAllister, Frances Mary	1924	A	New York City
McAllister, Margaret Mary	1924	A	New York City
McAllister, Miriam	1924	A	Elizabethtown, Pa.
McAllister, Thomas Donald	1922	A	New York City
McAnarney, Henry Kellers	1925	A	Watkins
MacBain, Kenneth	1924	Ag	Closter, N. J.
MacBean, Donald Grant	1923	C	Philadelphia, Pa.
Macbeth, Donald Davies	1926	M	Rocky River, Ohio
Macbeth, Marion Lorena	1925	A	Auburn
McBride, Charles Grover, B.S. in Agr.	Grad		State College, Pa.
McBride, Frank	1922	V	Perry
McCabe, George Kehoe, B.A.	Grad		Chicago, Ill.
McCarthy, Albert Joseph	1925	M	Yonkers
McCarthy, John Bernard	1925	M	Watkins
McCarthy, Rollin Herbert, A.B.	1922	M	Cortland
McCarthy, William Joseph	1924	A (Chem)	Elmira
McCartney, Alice Elizabeth	1924	A	Vienna, Ill.
McCausland, John Mitchell	1925	M	Pittsburgh, Pa.
McCausland, Samuel Garber	1924	Ag	Chicago, Ill.
McChesney, Irvin G.	1923	M	Ontario Center
McClatchy, John Benjamin	1922	C	Merion, Pa.
McClintock, Barbara	1923	Ag	Brooklyn
McClure, Donald Woodworth	1924	M	Youngstown, Ohio
McComas, Henry Angle	1924	M	Baltimore, Md.
McConnell, Douglas Weir	1924	C	Cuba
McConnell, Elliott Bonnell	1923	A (Chem)	Warren, Pa.
McConnell, James Asher, B.S.	Grad		Ithaca
McConnell, Malcolm Rosebrook	1922	M	Lockport
McCord, Emily Barnes	1926	A	Westbury
McCorkle, Paul, A.B.	Grad		Ithaca
McCormick, Gordon Randolph	1922	A (Chem)	Wilkes-Barre, Pa.
McCormick, Martha Carolyn	1924	A	Binghamton
McCormick, Mary Harriet, A.B.	Grad		Troy
McCowen, Asher Daugherty	1922	M	Louisville, Ky.
McCracken, Henry Joy	1924	E	Hollywood, Cal.
McCrea, William Sylvester	1924	M	Spokane, Wash.
McCuaig, Kenneth Ferguson	1924	L	Toronto, Canada
McCullough, Robert Young	1923	E	West Webster
McCutcheon, Robert Lowell	1923	L	Arcade
McDermott, John Francis, B.S.	1923	MD (N.Y.C.)	Schenectady
Macdonald, Charles LaVaquer	1924	M	Duluth, Minn.
McDonald, Fred Lemuel	1922	A Grad	Indianapolis, Ind.
MacDonald, James John	1923	C	Port Richmond
Macdonald, John Dods	1924	A (Chem)	Woodbury, N. J.
MacDonald, John Winchester	1925	A	Watervliet
McDonald, Julian Bruce	1925	Eng	Youngstown, Ohio
McDonald, Kenneth George	1923	Ag	French Creek, W. Va.
McDougall, Donald	1923	A	Westfield, N. J.
McDuffie, Ray Oliver, A.B., B.Chem	Grad		Cincinnati, Ohio
McElevain, William Henery	1925	M	Amsterdam
McEneny, Frank Henery	1925	Ag	Oxford
McEwan, Duncan Tracy	1925	A	Cooperstown
McFadden, Thomas Joseph	1922	A	Staten Island
McFadzian, Neil Palmer	1922	Ag	Denver, Colo.
McFeeters, Milo Crowe, A.B.	Grad		Dryden
McGavock, Gurdon Pendleton	1922	M	Max Meadows, Va.
McGhee, John Francis	1924	M	Pittsburgh, Pa.
McGlynn, Anna Mabel	1924	A	Lockport
McGrath, Edward Arnold	1925	E	Memphis, Tenn.
McGrath, Edward Maloney	1923	A	Lockport
McGrath, James Edward	1924	M	Union Springs
McGraw, James Sturtevant	1923	Ar	Letchworth, Herts, England
McGuire, John Gaylord	1925	M	Millersburg, Pa.
McGuire, Peter Stephen, A.B.	Grad		Ithaca

Machlett, Raymond Robert	1922	A	New York City
McHugh, Dodd Francis	1925	Ar	Richmond, Va.
McIlroy, Malcolm Strong	1923	E	Newark, N. J.
McIntyre, Chauncey Welcome	1923	M	Farnham
McIntyre, Pauline	1924	A	Towanda, Pa.
Mack, James Robert	1922	Ag	Shelter Island
Mackas, George	1924	M	Brooklyn
MacKay, Katherine Florence	1922	A	Ithaca
McKee, Edward Price	1922	C	Scranton, Pa.
MacKellar, John Walter Beattie, A.B.		Grad	Blauvelt
McKelvey, Margaret Jane	1922	A	Oil City, Pa.
Mackenzie, Alexander Waters, jr	1923	Ag	Brooklyn
McKenzie, Allison Avery	1925	Ag	North Bangor
MacKenzie, John Wilbur	1922	E	East Providence, R. I.
Mackenzie, William Donald	1923	L	Newark, N. J.
McKeon, John Bricher	1925	C	Newark, N. J.
Mackeown, Samuel Stuart, A.B.		Grad	Ithaca
McKernon, John Joseph	1925	A	Glens Falls
Mackey, Charles Osborn	1925	M	Ithaca
McKim, Donald William	1925	M	Vandergrift, Pa.
McKinley, William	1925	A	White Plains
MacKinney, Arland Lee	1925	Ag	Penn Yan
McKinney, Robert Franklin	1924	A	Amsterdam
McKnight, Herbert Winfield	1922	A	Fulton
McLaren, William Pratt	1924	A	Brooklyn
McLean, True	1922	E	Shrub Oak
McLeod, James Carlisle, A.B.	1922	MD (N.Y.C.)	Florence, S. C.
McMahon, Arthur Cummings	1924	A	Elmira
MacMannis, Thomas Everett, B.S.	1922	C	Frostburg, Md.
MacMillan, Jean Alice	1925	Ag	Rochester
MacMillan, Marion	1922	A	Delanson
MacMillan, Oscar Townsend	1924	A (Chem)	Bloomfield, N. J.
McMillan, William Benton	1922	M	Chicago, Ill.
McMillan, William Darrow	1924	Ag	Delanson
McMinn, John Herman	1925	A	Girard, Ohio
McMullen, Eleanor Clara, A.B.		Grad	Buffalo
McMurray, Harold Benjamin	1924	V	Ithaca
McNair, James Theodore	1925	Ag	Dansville
Macnaughton, Elizabeth, A. B.	1922	MD (N.Y.C.)	Brookline, Mass.
MacNaughton, Lewis Winslow	1924	A	Ithaca
McNeil, Earl Randles	1925	Ag	Argyle
McNeil, George Martyn		Sp Ag	Winthrop, Mass.
McNiff, Paul Leo	1925	V	Littleton, Mass.
McNulty, Edward Thomas	1923	M	Elm Grove, W. Va.
McNulty, Sarah Alice, A.B.		Grad	Buffalo
Macomber, William Hiram	1926	M	Kendallville, Ind.
McPhail, John Ellis	1925	M	Baltimore, Md.
MacQueen, James Donald	1925	M	Horseheads
McSweeney, Edward Daniel	1922	Ag	Fulton
McVeigh, Luke Matthew	1924	M	Saratoga Springs
McWhinney, Marion Agnes	1924	A	Pittsburgh, Pa.
MacWilliam, Charles Milton, jr	1924	C	Perth Amboy, N. J.
McWilliam, William Henry, jr	1925	Ag	Poughkeepsie
Maddi, Vincent Michael	1925	A	New York City
Madrigal, Ramon Monteloyola, A.B.	1925	C	Boac, Marinduque, P. I.
Maduro, Denis Brandon	1923	A	New Rochelle
Mage, Lily Diana	1924	A	New York City
Magee, Edward Burgess	1923	M	Buffalo
Magee, Francis Gilbert	1925	E	New Rochelle
Magee, Norman Heberton	1923	M	Magnetic Springs, Ohio
Magill, Arthur Schoellkopf	1924	A (Chem)	Tidioute, Pa.
Maher, James Vincent	1925	A	Cleveland, Ohio
Maher, Marie Antoinette	1923	A	Cortland
Mahon, William Francis, jr	1922	M	Baltimore, Md.
Mahony, George Kane	1924	Ag	Averill Park
Maier, Edwin Thomas	1923	A (Chem)	Jersey City, N. J.
Maier, Roland Leonard	1923	A	Schenectady
Maier, William, B.S. in Agr		Grad	Gloversville
Mains, Laurence Patton	1923	C	Crete, Nebr.
Makuen, Henry Raymond	1925	Ag	Goshen
Malcolm, Francis Mavor	1923	Ag	Fort Fairfield, Me.
Maldoon, Clinton Savage	1924	Ag	Dexter
Maleson, Leonard	1923	M	Philadelphia, Pa.
Mallam, Edward Duncan	1924	M	Niagara Falls
Mallery, Frederick Clarence	1925	M	Owego
Mallory, Edmund Thompson	1923	Ar	Saratoga Springs
Mallory, Gerald DeWitt	1923	M	Deposit
Maloney, John Mathew	1922	A	Brooklyn
Maloney, William Michael, A.B.	1924	MD (N.Y.C.)	New York City

Maltby, Floyd Lee	1923 L	Ithaca
Maltby, Winifred Elizabeth	1925 A	Corning
Man, Shu Sing, B.Sc. in E.E.	Grad	Canton, China
Manchee, Alleyne Willmott	1922 E	Newark, N. J.
Manchester, Robert Harold, jr	1923 M	Merrifield
Mandel, Leon, 2d	1923 A	Chicago, Ill.
Mandeville, Harold Theron	1924 Ag	Ithaca
Maney, James Edward	1925 M	Duluth, Minn.
Mange, Winthrop Everett	1922 M	Ithaca
Manheimer, Robert Jacques	1924 A	New York City
Mann, William Holton	1923 Ag	Glens Falls
Manning, Wayne Eyer, A.B.	Grad	Ambridge, Pa.
Mara, Raymond John	1924 M	Toledo, Ohio
Maram, Sol	1922 Ag	Bradley
Marchand, Herbert John	1925 M	Buffalo
Maretzo, Charles Bartholomew	1925 E	Brooklyn
Marinero, John P.	1924 A	Newark, N. J.
Markin, Elias	1925 M	Rochester
Markley, Alton LeFever, M.S.	Grad	Bellingham, Wash.
Markowitz, Leo, A.B.	1923 MD (N.Y.C.)	New York City
Marks, Kenneth Weale	1925 M	Elmira
Marks, Maxwell	1922 A	Cincinnati, Ohio
Marksburg, Ernestine Gaines	1925 A	Shelbyville, Ky.
Marple, Nathan Boileau, jr	1923 A	Columbus, Ohio
Marques, Henrique de Oliveira	1925 M	Lisbon, Portugal
Marsh, Alfred Henry, jr	1923 E	Washington, D. C.
Marsh, Helen Margaret	1923 A	Waterloo
Marsh, Stuart Jenks	1925 M	West Hartford, Conn.
Marshall, Donald Emerson	1922 Ag	West Hoboken, N. J.
Marshall, James Sumner	1923 V	Morrisville
Marshall, Reed Crittenden	1926 M	Rochester
Martens, James Hart Curry, C.E.	Grad	Shrub Oak
Martin, Albert Rankin	1923 Ar	Chicago, Ill.
Martin, Chester Barton	1923 Ag	Clarence Center
Martin, Clarence Stuart	1923 M	Webster
Martin, Earl Albert, A.M.	Grad (N.Y.C.)	Bethany, Mo.
Martin, Edward Houston	1925 M	Pine Bluff, Ark.
Martin, Edward Joseph, jr	1924 M	Tarrytown
Martin, Gerald Houghton	1924 Ag	Lima
Martin, Gertrude	1923 A	Ithaca
Martin, J. Vernon	1925 Eng	Maplewood, N. J.
Martin, Kelsey Loftus	1926 A	Fort Riley, Kans.
Martin, Louis Charles	1923 M	Amityville
Martin, Mabel Florence, A.B.	Grad	Springfield, Mass.
Martin, Paul Gardner	1924 M	Cleveland, Ohio
Martin, Roy Lofton, B.A.	Grad	Puckett, Miss.
Martin, Victoria Clotilda	1926 A	Amityville
Martin, William Clifford, M.A.	Grad	London, Ont., Canada
Martinez, Arthur Charles	1923 C	Bogota, Colombia
Martocci, Frank Theodore	1924 Ag	New York City
Martwick, Irving Julius	1922 Ag	Roselle, N. J.
Marvin, Ira Huston	1923 A	Kingston, Pa.
Mashek, Margaret Bell	1924 A	Newark, N. J.
Mason, Clyde Walter, A.B.	Grad	Ithaca
Mason, Elliott Butler, B.Arch	Grad	Milwaukee, Wis.
Mason, Margaret Lucy	1923 A	Ithaca
Mason, Robert Parker	1925 M	Attleboro, Mass.
Mason, Rodney	1922 A	Sackets Harbor
Massee, Joe Carey	1925 MD (N.Y.C.)	Brooklyn
Massey, Margery Wheldon Leonard, B.A.	Grad	Oakland, Me.
Massey, Stuart Channell	1924 A (Chem)	Malone
Masters, George Christian	1925 Eng	New York City
Mather, Forrest Elger	1924 Ag	Moravia
Mather, John Card	1924 M	Pittsburgh, Pa.
Mathes, Roger Alfred	1925 A	Batavia
Mathewson, Gertrude	1923 Ag	Arrochar
Mathewson, Joseph Bryant	1923 A	Bath
Mathewson, Mary Elizabeth	1926 A	Arrochar
Matlock, Robert Cutter, jr	1923 A (Chem)	Springfield, Ill.
Matson, Richard McConnell	1922 E	Ithaca
Matsuda, Gumpei, B.Arch	1923 Ar	Yamaguchiken, Japan
Matt, Walter Joseph	1924 M	Utica
Mattern, Robert Jones, jr	1925 A (Chem)	Huntingdon, Pa.
Matthiessen, Ira Cornwall	1923 E	Chicago, Ill.
Mattison, Arthur Carroll	1923 Ag	Comstock
Mattoon, James Harris	1923 M	Pittsfield, Mass.
Mattson, May Margaret	1923 Ag	Jamestown
Maucieri, Michael Anthony	1923 C	Harrison
Maul, John Conrad	1924 L	Buffalo
Maurer, Marie Thérèse	1922 E	Saint-Briac, France

Maus, Frank Charles	1923 V	Johnson City
Maxwell, Daniel Stuart	1925 E	Newfane
Maxwell, Robert Grove	1925 Ag	Franklinville
Maxwell, Virginia Lee	1925 Ag	Buckhannon, W. Va.
May, Frederick Arthur, A.B.	Grad	Ithaca
May, George Herbert	1925 A	Carbondale, Pa.
Mayer, Frederick Theodore	1924 A	Cincinnati, Ohio
Mayer, John Davenport	1922 M	Bath
Mayer, Lauren Drake	1924 M	Toronto, Ont., Canada
Mayer, William Lyndon, B.S.	Grad	Durhamville
Mayers, Helen Jean	1924 A	Brooklyn
Maynard, Harold Bright	1923 M	Northampton, Mass.
Mazzarella, Marguerite Esther	1924 Ag	Sidney
Meach, Elizabeth Hammond	1925 Ag	Castile
Mead, Harvey Linwood, jr	1924 E	New York City
Mead, Kenneth Alexander	1926 A	Denver, Colo.
Mead, Lowry Townsend, jr	1923 Ag	Brooklyn
Mead, Walter Russell, B.A.	1922 MD (N.Y.C.)	Geneva, Ohio
Meagley, Donald Eugene	1925 A (Chem)	Buffalo
Meal, William Guy	1923 Ag	Lockport
Mears, Clarke Braidwood, B.S. in E.E.	1923 E	Chincoteague, Va.
Mears, William Hodgson	1923 Ag	Brooklyn
Meays, Helen Marjorie	1923 Ag	Baldwinsville
Mehlhope, John Philip	1925 E	Winnetka, Ill.
Meigs, Basil Clenderin	1925 C	Washington, D. C.
Meigs, Return Jonathan, jr	1925 C	Westfield, N. J.
Meisels, Harry	1922 Ag	New York City
Meisler, Jacob	1924 A (Chem)	Edgemere
Meister, Aaron	1925 A	Brooklyn
Meixner, Warren B., B. S.	Grad	Ithaca
Mekkeel, Amy Grace, A.M.	Grad	Trumansburg
Melcher, John Henry	1925 M	Cleveland Heights, Ohio
Mellefont, Ida Gertrude	1923 A	Belmont
Mellinger, Edward Walter	1924 A	Leetonia, Ohio
Melniker, Edward Joseph	1925 Ag	Bayonne, N. J.
Melniker, Harold	1925 A	Bayonne, N. J.
Menasvetta, Prasiddhi	1923 E	Bangkok, Siam
Menconi, Leonard	1925 E	Hastings-on-Hudson
Mendelowitz, Edward	1925 A	New Brighton
Méndez, Carlota	1924 A	Ithaca
Méndez, José Antonio	1924 M	Ithaca
Menkin, Leonidas	1922 M	New York City
Menninger, William Claire, A.B.	1924 MD (N.Y.C.)	Topeka, Kans.
Mera, Bernardo Loreto	1925 M	Arecibo, P. R.
Mera, José Rafael	1923 E	Arecibo, P. R.
Mercado, Juan Manuel	1925 Ag	Buenos Aires, Argentina
Merchant, Charles Henry, B.S.	Grad	West Monroe
Mereness, Kneeland Abram, M.E.	Grad	Sharon Springs
Merksamer, David	1923 A	Brooklyn
Merle, Harold Otto	1924 Ag	Attica
Merolla, Edwin Francis	1923 A	Brooklyn
Merowit, Clement Eugene	1924 A	New York City
Merrick, Charles Morris	1925 M	New Brighton, Pa.
Merrill, Gerald Russell	1925 E	Ithaca
Merrill, Harold Arthur	1922 Ag	Ithaca
Merrill, Ruby Elizabeth	1925 A	Waverly
Merriss, Margaret Grace, A.B.	1923 MD (N.Y.C.)	Brooklyn
Merritt, Clifford Alexander	1923 V	Walden
Merritt, Sara Royce	1922 Ag	Hartsdale
Merz, Harold Oscar	1922 A (Chem)	Newark, N. J.
Meserve, Paul Boynton	1925 Ag	Framingham, Mass.
Metcalfe, Sarah Josephine	1923 Ag	Great Kills
Meulendyke, Oswald Kvoes	Sp Ag	Rochester
Meyer, Bernard	1924 M	Richmond Hill
Meyer, Francena Roulet	1925 Ag	Richmond Hill
Meyer, Henry Coddington, 3d	1923 M	Montclair, N. J.
Meyer, Jerold Strouss	1923 A	Youngstown, Ohio
Meyer, Marie Gesine	1923 A	Richmond Hill
Meyers, Dorothy Anne	1925 A	Columbia, Pa.
Meyers, Evert William	1925 E	Anaconda, Mont.
Mezansky, Samuel	1925 A	Poughkeepsie
Michael, Grace Vivian	1922 A	Washington, D. C.
Michaelis, Alfred M., A.B.	1925 MD (N.Y.C.)	New York City
Michel, Achilles Edmund	1923 E	Buffalo
Middaugh, Wessels Stevenson	1926 Ag	Slaterville Springs
Midgley, William Clare	Sp Ag	Staten Island
Mielcarek, Francis	1923 M	Buffalo
Miffin, William Biddle	1922 C	Clayton
Migone, Enrique Joaquin	1924 M	Asuncion, Paraguay
Migrdichian, Vartkes, A.B.	Grad	Rodosto, Turkey

Miles, Dewitt Charles	1923	M	Yonkers
Miles, Ralph F	1926	Ag	Canastota
Mill, Edgar Leslie	1924	M	Mt. Vernon, Ohio
Millar, Robert Schilling	1923	M	Rockaway Park
Miller, Abraham	1925	A (Chem)	Ithaca
Miller, Charles Karleton	1922	M	Rochester
Miller, Charles Stern, A.B.	1922	MD (N.Y.C.)	Corona
Miller, C. Raymond, A.B.	Grad		Crawfordsville, Ind.
Miller, David	1925	V	Ithaca
Miller, Edward Frederick, jr.	1925	A	New York City
Miller, Edward Tryon	1924	A	Woodland
Miller, Ernest Parker	1924	E	Coxsackie
Miller, Evelyn Harriet	1922	A	Corona
Miller, Frank William	1924	M	Honey Brook, Pa.
Miller, George William	1924	E	Rochester
Miller, Gwendolen Evangeline	1924	A	Middle Island
Miller, Harold Edward	1922	E	Albany
Miller, Harold Gordon	1923	M	Ithaca
Miller, Ina Catherine	1924	Ag	Ithaca
Miller, Joseph Kerwin, jr.	1923	M	New Kensington, Pa.
Miller, Lillian Evelyn	1923	Ag	Ithaca
Miller, Norman Russell	1924	M	Ticonderoga
Miller, Robert Mathias	1923	V	New York City
Miller, Roy Benson	1924	A	Painted Post
Miller, Ruth Elizabeth	1924	Ag	Phelps
Miller, Samuel Morris	1925	M	Pittsburgh, Pa.
Miller, Selma Louise	1924	A	Syracuse
Miller, Trelford Simpson	1924	V	New York City
Miller, Walter Lewis, A.B.	1922	L	Thompson, Pa.
Milligan, Lowell Haines, B.Ch.E., M.Sc.	Grad		Columbus, Ohio
Milliken, Albert Edward	1924	Ar	New York City
Mills, Alfred Schultz	1925	Ag	New York City
Mills, Arthur Kenward	1922	Ag	Binghamton
Mills, Ernest Merle	1925	Ag	Melrose Highlands, Mass.
Mills, Harold Strycker, B.S.	Grad		Ithaca
Millsbaugh, Annie Milne	1922	A	Brooklyn
Millziner, Alfred Leo	1925	Ag	East Cleveland, Ohio
Milmoe, Robert Sandford	1923	M	Canastota
Minsky, George Robert	1923	C	East Lansing, Mich.
Minturn, Marion Katharin	1922	Ag	Auburn
Mirasol, Amando Tejam, A.B.	1924	M	Jaro, Iloilo, P.I.
Mires, Maynard Harold	1925	V	Ithaca
Miscall, Jack	1923	Ag	Albany
Mishnun, Eleanor	1924	A	New York City
Mishnun, Florence	1925	A	New York City
Miske, George	1922	A	Waterbury, Conn.
Mitchell, Charles Malcolm	1922	C	New York City
Mitchell, Dale Raymond, A.B.	Grad		Ithaca
Mitchell, Doris Lillian	1925	Ag	Ithaca
Mitchell, Frank Bradford	1922	Ag Grad	Brooklyn
Mitchell, Frank Van Epps	1923	C	Chicago, Ill.
Mitchell, Robert Arthur	1922	Ar	Norfolk, Va.
Mitchell, Ruth Virginia	1925	Ag	Ithaca
Mitnick, Israel Edward	1922	Ag	Brooklyn
Mittelman, Leo Bernard	1923	A	Long Island City
Moersfelder, William John, B.S.	1923	V	New York City
Moerer, Nelson Franklin	1925	Ag	Buffalo
Moffitt, Thomas Edward	1922	A	Wallace, Idaho
Mogensen, Allan Herbert	1923	M	Plainfield, N. J.
Mohme, Erwin Theodore, M.A.	Grad		Elkhart Lake, Wis.
Molinet, Joaquin	1922	M	Chaparra, Cuba
Mollenberg, William George	1924	M	Buffalo
Moller, Joseph Addison	1923	M	New York City
Monahan, Albert John	1924	A	Johnstown
Monahan, William Floyd	1925	A	Johnstown
Monnett, Victor Elvert, A.B.	Grad		Norman, Okla.
Monroe, Irvin Thomas	1925	Ag	Mount Kisco
Monroe, Robert L	1922	C	Ithaca
Monroe, Roswell Miller	1922	V	Liberty
Monser, Edward Lomax	1925	A	Buffalo
Monserate, Juan Rafael	1926	E	Santa Isobel, P. R.
Montag, Elsie Marguerite	1925	A	Brooklyn
Montague, Doris	1923	A	New Rochelle
Montellano, Pedro Lecaros, M.S.	Grad		Boac, Marinduque, P. I.
Montemayor, Mariano Rangel	1922	V	Alaminos, Pangasinan, P. I.
Montenegro, Carlos	1924	M	Buenos Aires, Argentina
Montgomery, Katharine, A.B.	1924	Ag	New York City
Montgomery, Morris Mead	1924	C	Evanston, Ill.
Moody, Alden Howard, B.S.	Grad		Concord, N. H.
Moon, Merl Perrott, A.B., M.S.	Grad		Ithaca

Moor, William Henriksson	1925	A	Toledo, Ohio
Moore, Annie Lardner, A.B.	1924	MD (N.Y.C.)	Morrisville, N. C.
Moore, Arthur Rose	1923	A	Fredonia
Moore, Coleman Bassett	1924	M	Haverford, Pa.
Moore, David Wilson, 3d	1924	A (Chem)	Clayton, N. J.
Moore, Dean Crawford, A.B.	1922	MD (N.Y.C.)	Newark, N. J.
Moore, Edwin Markley	1923	Ag.	Coatesville, Pa.
Moore, Henry Bradley	1925	M	Brooklyn
Moore, James Whitney	1925	A	White Plains
Moore, John Sawyer	1925	Ag.	Ridgewood, N. J.
Moore, Merrill Halsey	1925	Ag.	Hillsdale
Moore, Norman Slawson	1923	A	Ithaca
Moore, Paul James	1924	A	Auburn
Moore, Philip Wilson	1924	M	White Plains
Moore, Roy Wallace, B.S.		Grad	Silver Creek
Moore, Willson Ellis	1926	M	Candor
Moot, Edmund Northrup	1922	Ag.	Richmondville
Moran, Blanche Esther	1924	Ag.	Palmyra
Moran, Helen Mary	1925	A	Troy
Moran, Mary Josephine	1922	A	Middletown
Moran, Theodore Carlisle	1924	M	Seneca Falls
Moran, Virginia Hope	1925	Ag.	Seneca Falls
Morehouse, James Henry	1923	C	Oswego
Morelli, Frederick	1924	A	Utica
Morelos, Jose Ramos, B.A.	1922	C	Manila, P. I.
Morgan, Alexander Clerihew	1923	A (Chem)	Highland Park, Ill.
Morgan, Frederick John	1922	A (Chem)	Mountain Lake, N. J.
Morgan, Godfrey, jr.	1922	A	Buffalo
Morgan, Otho Herron, 2d	1924	A (Chem)	Highland Park, Ill.
Morgan, Richard Rose	1924	E	New London, Conn.
Morgan, Wesley Venum	1924	C	Penn Yan
Morgan, Willis Dickinson	1923	A	Sprakers
Morgenroth, Myron James	1926	A	Akron, Ohio
Moriarty, Mortimer Emmett	1922	A	South Manchester, Conn.
Morisuye, Masa Masanobu, B.Sc.		Grad	San Francisco, Cal.
Moritz, Fred George	1925	M	Denver, Colo.
Morlath, Charles Henry	1924	M	Long Island City
Morris, Abraham M.	1922	C	New York City
Morris, Benjamin	1924	A	Amsterdam
Morris, Benn Grandin	1922	E	Ithaca
Morris, Dora	1922	L	Amsterdam
Morris, Fred Bishop	1922	Ag.	Ithaca
Morris, Grace Evelyn	1922	A	Buffalo
Morris, Helen Elizabeth	1923	A	Wheeling, W. Va.
Morris, John Carless	1924	E	Sag Harbor
Morris, Robert	1925	A	Brooklyn
Morris, Ruth Mae, A.B.	1923	MD (N.Y.C.)	Chicago, Ill.
Morrisette, Charles Dodson	1925	C	Norfolk, Va.
Morrison, Harry	1923	C	Baltimore, Md.
Morrison, Joseph Partridge	1922	Ag.	Yonkers
Morrison, Malcolm Chapman	1923	M	Ithaca
Morrissey, Catherine Burnadette	1925	A	New York City
Morrissey, James Paul	1926	C	Dunkirk
Morrow, Charles Tracy	1923	M	Sugar Run, Pa.
Morse, Charles Walter, B.Chem.		Grad	Amsterdam
Morse, David	1924	C	West Roxbury, Mass.
Morse, David Sherman, A.B., Pd.M., A.M.		Grad	Denver
Morse, Louis Jerome, B.A.	1922	MD (N.Y.C.)	Richmond Hill
Morse, Rowena Allen	1923	A	Ithaca
Morton, Caroline, B.S.		Grad	Ithaca
Mosher, Edmund Joseph	1925	A	Albany
Mosher, James Howell	1922	E	Ithaca
Mosher, Sidney Wood, C.E.		Grad	Poplar Ridge
Moshier, Edson George	1925	C	Penn Yan
Moss, Abraham, M.D.		Grad (N.Y.C.)	Brooklyn
Moss, Leland Bartlett	1925	E	Poughkeepsie
Mott, Lawrence Vancleve	1925	C	Buffalo
Mottley, James Monroe	1924	A	Dallas, Texas
Mott-Smith, Robert Hartwell	1925	E	Honolulu, Hawaii
Mott-Smith, Stanley, M.E.		Grad	Honolulu, Hawaii
Motycka, Anna	1923	A	Whitesboro
Motycka, Joseph	1923	M	Whitesboro
Moulton, Richard Wilmarth	1925	E	Quincy, Mass.
Mount, Charles Koons, jr.	1925	Eng	Brooklyn
Mouronval, Alice Emma Louise	1923	A	West New Brighton
Mowrey, Carl Francis	1924	M	Ithaca
Mrozek, Emil Charles	1924	A	Depew
Mueser, Richard Edward	1925	Ag.	New York City
Mulholland, Andrew Murdock	1924	Ag.	Fort Wayne, Ind.
Mulholland, Vincent Ignatius, A.B., E.M.	1923	C	Ithaca

Muller, Albert Stanley	1923	Ag	Huntington
Muller, Erwin Theobald	1924	Ag	New York City
Muller, Gladys Marie, A.B.	1923	MD (N.Y.C.)	Brooklyn
Muller, Herbert Joseph	1925	A.	New York City
Muller, Sylvia	1923	Ar	New York City
Muller, Ysabel Alvira	1925	Ag	Ithaca
Multer, Hugh James, A.B.	Grad		Lyons
Mundt, Bernice Waitz	1922	A.	Oil City, Pa.
Munford, Gertrude Constance	1923	Ag	Cooperstown
Munns, David Aloysius	1923	M.	Dormont, Pa.
Munro, Stanley Everett	1923	Ag	Auburn
Munson, Arthur Louis	Sp Ag.		Ithaca
Muntz, Grace Evelyn	1924	A.	Buffalo
Murano, Renichi, M.D.	Sp MD (N.Y.C.)		Yokohoma, Japan
Murphy, Eleanor Janet, M.A.	1923	MD (N.Y.C.)	Buffalo
Murphy, Emmet James	1922	A.	St. Paul, Minn.
Murphy, Frances Sarah	1924	A.	Martinsburg
Murphy, Francis H.	1923	M.	Sayre, Pa.
Murphy, Robert William	1924	E.	Phoenix
Murray, Donald Powell	1923	A (Chem)	Washington, D. C.
Murray, Earl William	1922	L.	Ithaca
Murray, George Washington, jr.	1925	A (Chem)	Mount Vernon
Murray, Lottie Effie Guerrant	1923	A.	Boone Mill, Va.
Murray, Oliver James	1925	A.	Cedarhurst
Murray, William Colman	1922	A.	Dunkirk
Musselman, Jackson	1925	M.	Baltimore, Md.
Mutchler, John Powell	1922	C.	Washington, D. C.
Myers, George	1923	A.	Cohoes
Myers, Kathryn Cecelia	1924	A.	Troy
Mykrantz, Frank McCormick	1923	A.	Columbus, Ohio
Mykrantz, John McCormick	1925	A.	Columbus, Ohio
Myton, Walter Smucker	1923	M.	Johnstown, Pa.
Nadherny, Russell John	1922	M.	Chicago, Ill.
Nadler, Isaac Wachs	Sp Ag.		New York City
Nafe, John Paul, A.B.	Grad		Los Angeles, Cal.
Naftulovici, Osiias, B.S.	1924	Ag	Hantesti Jud Dorohoi, Roumania
Nagel, Alfred William	1924	M.	Ensley, Ala.
Naill, William Young	1926	Eng.	Hanover, Pa.
Nakamoto, Hayato	1924	E.	Hilo, Hawaii
Nash, Thomas Palmer, jr., M.A.	Grad MD (N.Y.C.)		Elizabeth City, N. C.
Nathan, Miriam	1925	A.	Buffalo
Navin, Stephen Joseph	1923	Ag	New York City
Naylor, George Windsor	1922	A (Chem)	Stamford, Conn.
Nazor, Howard Mussett	1923	L.	Ashtabula, Ohio
Nearing, Guy Mars	1924	Ag	Bowling Green, Ohio
Neate, Lucy Loretta	1925	A.	Falconer
Needham, Paul Robert	1924	Ag	Ithaca
Needham, Virginia Walton	1923	A.	Ithaca
Needham, William Reuel	1925	Ag	Ithaca
Needu, Maganti Bapi	1922	Ag	Ellore, Madras, India
Neely, Juanita Henderson, A.B.	Grad		Rock Hill, S. C.
Neff, Mildred Elizabeth	1924	Ag	Buffalo
Negrete, Angel Lopez, jr.	1924	Ag	New York City
Nellis, Olive Harris	1924	A (Chem)	Herkimer
Nelson, Harold George	1923	V.	Clinton Corners
Nelson, John Douglas	1925	Ag	Yonkers
Nelson, John Herbert, A.B.	Grad		Spartanburg, S. C.
Nelson, Marion Catherine	1924	Ag	Great Neck
Nerenstone, Samuel Heyman, B.A.	1923	MD (N. Y.C.)	New York City
Nesbett, John Gottlieb	1923	M.	Bayside
Nesch, Harry Waggoner	1924	C.	Pittsburg, Kans.
Nesch, Roland John	1925	C.	Pittsburg, Kans.
Neuhaus, Charles Paul	1925	A.	Houston, Texas
Neuhoff, Norman George	1924	A.	St. Louis, Mo.
Neun, John Henry	1923	C.	Rochester
Nevens, Milton Alson	1923	V.	Glens Falls
Neville, Willis Cushing	1923	A.	Rochester
Nevin, Charles Merrick, B.S.	Grad		Philadelphia, Pa.
Nevins, Isidore	1925	E.	New York City
Nevins, Margery Susan	1924	Ag.	Ithaca
Nevins, Robert Marclej, jr.	1922	Ar	Ithaca
Newbury, Alice Elizabeth	1923	A.	Middle Falls
Newcomb, Eric McGee	1924	A.	Woods Hole, Mass.
Newell, George Kennedy, jr.	1924	M.	Saranac Lake
Newhall, Allan Goodrich, B.S.	Grad		Minneapolis, Minn.
Newman, Irving, B.A.	1922	MD (N.Y.C.)	Bensonhurst
Newman, Jacob Keifer	1923	A.	New Orleans, La.
Newman, Jeannette Frankenberg	1924	A.	Bisbee, Ariz.
Newman, Lawrence Weddell	1923	M.	Cleveland, Ohio

Newton, Charles Francis	1925	A	Ithaca
Newton, Elizabeth Olney	1923	A	Los Angeles, Cal.
Newton, George Eckhardt	1925	M	Buffalo
Newton, Miles Corl	1924	C	Ithaca
Newton, Samuel Marsden	1922	M	Dunkirk
Nichols, Helen Colegrove	1924	Ar	Buffalo
Nichols, James Burton	1923	A (Chem)	Danbury, Conn.
Nichols, Madaline Wallis, B.A.	Grad		Merrimac, Mass.
Nichols, Mary Ginevra	1923	Ag	Watkins
Nichols, Phillips Brooks	1923	Ar	Buffalo
Nichols, Walter Palmer, jr.	1925	M	Brooklyn
Nicholson, Bruce Jesmond	1924	M	Wilkes-Barre, Pa.
Nick, Robert Pinney	1925	E	Youngstown, Ohio
Nickelhoff, Y. Barbara	1926	A	Brooklyn
Nickerson, Helen Elizabeth	1924	Ag	Norwood
Nickerson, Paul Urban	1922	C	Needham, Mass.
Nicolaides, George James	1923	Ag	Sparta, Greece
Nicolas, Joseph Schiller, B.S.A.	Grad		Jacmel, Haiti
Nielson, Harold Villers	1922	M	Plainfield, N. J.
Nieman, Anton Willem Fredrik	Grad		Ithaca
Nih, Tsing, B.S., E.E.	Grad		Shanghai, China
Niinomy, Kunitaro	Grad		New York City
Nile, Abbott Howe	1923	A	Rumford, Me.
Niles, Edgar DeWitt	1924	M	Brooklyn
Nims, Arthur Vandoren	1923	M	Brooklyn
Nitty, Alexander Christo	1926	Ag	Constantinople, Turkey
Nitzberg, Frank	1922	M	Baltimore, Md.
Nixon, Jack Fredrick	1924	M	Atlantic City, N. J.
Nobel, James Dodman	1925	Ag	Hackensack, N. J.
Nobile, Joseph Charles	1924	M	New York City
Noble, Mildred Imogene	1922	A	Cohocton
Noel, Thomas Currie	1925	M	Webster Groves, Mo.
Nogi, Henry	1924	L	Scranton, Pa.
Nohle, Floyd Constant	1925	Ag	Adams
Nolin, Albert Raymond, M.E.	Grad		Auburn
Nolin, Joseph Henry	1925	A	Auburn
Noll, John, jr.	1925	A	Youngstown, Ohio
Noon, Estelle Chapins	1924	A	Hempstead
Nordmeyer, Gerald John	1925	M	St. Louis, Mo.
Norman, William Lee	1923	Ag	Sinclairville
Norris, Charles Augustus, jr.	Sp M		Boonton, N. J.
Norris, James Alexander	1925	C	Wilkes-Barre, Pa.
Norris, Leo Chandler, B.S.	Grad		Hornell
Norris, Wilber Locke	1925	C	Glens Falls
North, Henry Saxe	1925	Ag	Chazy
Northrop, Miles Gordon	1922	E	Tarpon Springs, Fla.
Northrop, Paul Allen, B.S.	Grad		Tarpon Springs, Fla.
Northrop, Ruth Augusta	1925	Ag	Westfield
Northrup, Ruth Winifred	1923	A	Homer
Northup, Helen Frances	1923	A	Ithaca
Northup, Olive Emelyn	1922	A	Ithaca
Norton, Genevieve Loomis	1924	A	La Salle
Norton, William DeVoe	1925	Ag	Lyons Falls
Nosek, Anton George, jr.	1924	Ar	Cleveland, Ohio
Novotny, Frank John	1925	A	Long Island City
Nowicki, Valentine Anthony	1925	A	Yonkers
Noyes, Bradford, jr., M.S.	Grad		Ithaca
Noyes, Harold Dewey	1923	Ag	Vestal
Noyes, Imogen Constance	1924	A	Ithaca
Nugent, Paul Fordham, A.B.	1922	MD (N.Y.C.)	Southampton
Nusbaum, Merrill Beckenheimer	1925	Ar	Gary, Ind.
Nydegger, Ellen Rose	1924	A	Westfield, N. J.
Nygren, Alfred Magnur	1923	M	Freeport
Oberlin, Mary Evelyn	Sp A		Rochester Mills, Pa.
Oboza, Alfonso Gallardo	1922	C	Bani, Pangasinan, P. I.
O'Brien, William Francis	1922	M	Oswego
O'Brien, Arthur Matthew	1923	A	Rochester
O'Brien, Katherine Mary	1924	A	Rochester
O'Brien, Martha Catherine	1924	A	Olean
O'Brien, William Clyde	1922	L	Syracuse
O'Connell, Aileen	1923	A	Rochester
O'Connor, John Joseph	1925	M	Ithaca
Odell, Homer Chauncey	1922	Ag	New York City
Odell, John Dwight	1924	M	Hilton
Odell, Norman Samuel	1925	E	Skaneateles
Odell, Robert Foster	1925	M	Ithaca
O'Donnell, Frederick Joseph	1922	L	Newark, N. J.
O'Donnell, Howard Jerome	1924	M	Herkimer
Oehrlein, George Joseph	1923	C	Pelham
			New York City

Offenhauser, John Samervell	1923	Ag	Texarkana, Ark.
Offenthal, Arnold Laurence	1925	A	New York City
Ogden, Dorward Weston	1924	M	Port Byron
Ogden, George Dorris	1925	A	Batavia
Ogden, John Bennett	1923	M	Ithaca
Ogden, Priscilla Campbell, A.B.	1924	Ar	Ithaca
Ogilvie, Janet Taylor	1924	A	Rutherford, N. J.
Ohl, David Ernest	1925	E	Warren, Ohio
Ohrig, Evelyn Alice	1923	A	Brooklyn
O'Keefe, Paul Eugene	1922	L	Waterloo
O'Kell, Otta Clarence, B.S. of Eng.	1922	C Grad	Excelsior Springs, Mo.
Olds, Ambrose Dean	1925	M	Fort Wayne, Ind.
O'Leary, Anna Bamford	1925	Ag	Cortland
Olinsky, Bernard	1924	A	Tannersville
Oliver, Mildred Julia	1925	Ag	New York City
Olmstead, Frances Marguerite	1925	Ag	South Worcester
Olney, Carl Weddigen	1922	A	Rutland, Vt.
Olsen, Alfred Lander	1924	M	Montgomery
Olsen, James	1922	A (Chem)	Arverne
Olsen, William	1922	A	Brooklyn
O'Neill, Mary Alice	1922	A	Auburn
Onstott, Howard Kelly	1924	A	Saltsburg, Pa.
Oosthuizen, Ernest Albert, D.I.C.	Grad		Cape Town, South Africa
Oppenheim, Charles Julius, Ph.B.	1923	MD (N.Y.C.)	New York City
Orcutt, Howard Sidney	1924	E	Coudersport, Pa.
Orenstein, Lucy	1924	A	New York City
Orloff, Walter	1926	E	Brooklyn
Ormiston, Robert St. John	1924	A	Delhi
Ormsby, Hiram Kingsley, jr.	1923	M	Syracuse
Ornelas, Samuel	1925	C	Mexico City, Mexico
Ornstein, Rebecca	1923	Ag	Brooklyn
Orr, Raymond Coughlin	1922	C	Brooklyn
Orton, Lawrence Mitchell	1923	A	Elmhurst
Osborn, Jesse Otto, A.M.	Grad		Trinity, Ky.
Osborne, Herrick	1924	E	Warrensburg
Oschrin, Leon	1922	M	Newark, N. J.
Osgerby, Fenton Lincoln	1924	E	East Tawas, Mich.
O'Shea, Daniel George, jr.	1925	C	Spokane, Wash.
Osness, William Nathan	1923	Ag	Dayton, Ohio
Ostendorf, George Clemens	1924	A	Buffalo
Oster, Alexander	1924	Ag	Brooklyn
Osthoff, Richard Henry Lee, jr.	1923	C	Hackensack, N. J.
Ostrander, Paul Duane	1922	M	Schuylerville
Oswald, Mae Bertha	1924	A	Vermilion, Ohio
Otis, Philip Stewart	1923	M	Newburgh
Ottley, John King, jr.	1925	A	Atlanta, Ga.
Otto, Christian	1925	E	New York City
Otto, Edward August	1923	M	Schenectady
Otto, Frederick Lucien	1925	Ag	Buffalo
Ovenshine, Eugene Samuel	1925	C	San Antonio, Texas
Overton, Warner Lawrence	1922	A Grad	Westfield
Oviatt, Ruth Amanda	1924	A	Philadelphia, Pa.
Owen, Vincent Southworth	1924	Ar	Ithaca
Owens, Helen Brewster	1925	A	Ithaca
Owlett, Chester Theodore	1924	M	Auburn
Ozaroff, Benjamin	1922	M	Brooklyn
Pabst, Howard Philip	1923	Ag	Albany
Pacheco Guerra, Rafael Pacheco	1924	C	Mayaguez, P. R.
Packer, Leon Frederick	1924	Ag	Norwich
Paddon, William Wallace, B.Chem	Grad		Utica
Pagano, Oscar, B.S.	1924	M	Bahia Blanca, Argentina
Page, Alan Howard	1922	M	Binghamton
Page, Irvine Heinly, A.B.	1925	MD	Indianapolis, Ind.
Page, Lyman Arthur	1923	Ag	Greene
Pagliaro, Frank Joseph	1923	C	New York City
Paine, Cuyler Emory	1925	Ag	Albion
Paine, Kenneth Everett	1923	Ag	Medina
Palm, William Henry	1924	M	Philadelphia, Pa.
Palmer, Benjamin Henry, jr.	1923	C	Norwich, Conn.
Palmer, Charles Douglas	1922	C	Erie, Pa.
Palmer, Claudia Mae	1924	Ag	Lisle
Palmer, Harold Jerome	1924	A	Oil City, Pa.
Palmer, Helen Elizabeth	1922	A Grad	Catskill
Palmer, James Beckley, B.S.	Grad		Oil City, Pa.
Palmer, Lee Spencer	1924	Ar	Detroit, Mich.
Palmer, Roger Sherman, B.A.	1922	MD (N.Y.C.)	New York City
Palmer, Thomas Somerville	1924	E	Newark, N. J.
Palomeque, Alonso Ermilo	1922	E	Mérida, Yucatan, Mexico
Paltrowitz, Reuben Harold	1926	M	New York City

Pancoast, Russell Thorn	1922	Ar	Miami Beach, Fla.
Panek, Victor Hugo	1925	A	Gloversville
Panja, Atal Kumar	1924	M	Calcutta, India
Pao, Kuo Pao	1922	M	Shanghai, China
Paraiso, Juan Garcia	1923	C	Lumbang, Laguna, P. I.
Pardo, Felipe Althaus	1922	Ag	New York City
Paret, Merrill Parnly	1925	M	Bay Shore
Parke, John Shepard	1923	Ar	Elmira
Parke, Leonard Day	1925	M	Minneapolis, Minn.
Parker, Anna Frances	Sp A		Norwood, Mass.
Parker, Bertram Shanks	1925	M	Youngstown, Ohio
Parker, Bruce Atlee	1925	M	Ithaca
Parker, Charles Mather	1923	A	Bath
Parker, George Gilbert	1923	A (Chem)	East Orange, N. J.
Parker, Lewis Conrad	1924	C	Buffalo
Parker, Michael Monserrate	1922	Ag	Virginia Beach, Va.
Parker, Pauline Ross	1923	A	Binghamton
Parker, Ralph Johnson	1923	M	Morris Plains, N. J.
Parker, Z. Rita, A.B.	1924	MD (N.Y.C.)	Lakewood, N. J.
Parkhurst, Francis	1924	A (Chem)	Pulaski
Parkhurst, Irving Wright	1925	MD (N.Y.C.)	Fair Haven, Vt.
Parkinson, Harry Glenn, A.B., B.S.A.	Grad		State College, Pa.
Parkison, Hoyt Shields	1925	M	Encampment, Wyo.
Parks, Walter Joseph	1924	M	Buffalo
Parrish, Wayland Max, B.L.	Grad		Stillwater, Minn.
Parrott, Edith Wilbur	1922	A	Jackson, Mich.
Parrott, Martha Toscan	1922	Ag	Lake George
Parry, Bernice Mary	1923	A	Carbondale, Pa.
Parsell, Richard Kendrick, B.Chem	1924	L	Ithaca
Parshall, William Baldwin	1925	Ag	Uniontown, Pa.
Parsons, John Spencer	1925	M	Warren, Pa.
Parsons, Theophilus, jr.	1924	A (Chem)	Washington, D. C.
Partridge, Edith Geneva	1922	Ag	Ithaca
Pashley, Samuel Jones, B.S.	1923	MD (N.Y.C.)	Hudson Falls
Passage, Lloyd Story	1922	Ag	Brooklyn
Patch, Robert Buckingham	1922	M	Berkshire
Patno, Raymond Arthur	1925	Ag	Malone
Patten, James Richard	1924	A	Kokomo, Ind.
Patten, Zeboim Cartter, jr	1925	Ag	Chattanooga, Tenn.
Patterson, Burke	1922	C	Wilkinsburg, Pa.
Patterson, Frank	1922	Ag	New York City
Patterson, John Highberger	1925	A	Greensburg, Pa.
Patterson, Paul Ross	1925	E	Chambersburg, Pa.
Patterson, Robert Fenton	1925	A	Poughkeepsie
Patthey, Alfred Raymond	1925	V	Bay Shore
Pavlicek, Frederick, jr	1923	Ar	New York City
Pawley, Myron Gould	1924	E	Greenwich, Conn.
Paxton, Richard Meldrum, jr	1923	A	Washington, Pa.
Payer, Hildegard Marie	1923	A (Chem)	Coquimbo, Chile
Payne, Florence King, M.D.	Sp MD (N.Y.C.)		New York City
Peabody, George Eric, B.S.	Grad		Wayland
Peabody, Richard Hall	1922	Ag Grad	White Plains
Peacock, Vera Louise	1924	A	Olean
Pearson, Arthur, A.B.	Grad		Denver, Colo.
Pearson, Frank Ashmore, B.S.A.	Grad		Ithaca
Pease, Roger Waterman	1922	Ag	Amsterdam
Peavy, Edward Waterman	1924	A	Belle Harbor
Peavy, Helen Martha	1925	A	Franklinville
Peck, Bertram Hazen	1923	C	Port Jervis
Peck, Charles Gifford	1922	Ag	Phelps
Peck, Irving George	1926	Ar	Denver, Colo.
Peckham, Charles James	1924	Ag	Ithaca
Peckworth, Howard Faron	1924	C	Ridgewood, N. J.
Pedersen, Mary Helen	1924	A	Stroudsburg, Pa.
Pedersen, Rebecca Birch	1924	A	Stroudsburg, Pa.
Peel, Henry Lindley	1923	M	East Orange, N. J.
Peer, Lyndon Arthur	1922	A 1925 MD	Deal Beach, N. J.
Peet, Robert Barfe	1923	A (Chem)	La Jolla, Cal.
Peirce, John Lincoln	1923	Ag	Ithaca
Pekary, Charlotte Helen, M.A.	Grad		Brooklyn
Peltz, Alfred	1922	A	Newport News, Va.
Pendleton, Hunter, jr., B.S.	1922	C	Lexington, Va.
Pengelly, Lavinia Lowry	1924	Ag	Hazleton, Pa.
Pennington, Edgar Legare, A.B., LL.B.	Grad		Homer
Pennington, John, jr	1924	M	Brooklyn
Pennock, Eleanor Tooker	1925	Ag	Chittenango
Pentland, Henry Bishop, B.S. in Arch.	Grad		Cleveland, Ohio
Pepin, Auguste, B.A., B.S.A.	Grad		Deschoillons, Lotbinière, Que., Canada
Peplinski, Eva May	1923	Ag	Mohawk
Percy, Nathan Edward	1923	A	Mohegan Lake

Perez, Stanley Emilio	1923	M	New York City
Perez y Castro, Jose, A.B.	1925	C	Alaminos, Pangasinan, P. I.
Perez y Diaz, Santiago Victor	1924	C	Havana, Cuba
Perkel, Louis Leo, B.S.	1923	MD (N.Y.C.)	Jersey City, N. J.
Perlman, Solomon	1923	C	New York City
Perregaux, Edmond Adrian	1922	Ag	Lincoln, R. I.
Perrin, George Harold	1924	M	Batavia
Perrine, David Bates	1922	Ag	Centralia, Ill.
Perry, Eugene Raymond	1924	Ag	Brooklyn
Perry, Frank Richmond, B.S.	Grad		Churchville
Perry, Irwin King	1925	Ag	Cambridge
Perry, Madelin Ruth	1924	A	Ithaca
Perry, William McDonald	1924	C	Charles Town, W. Va.
Perry, Winston Churchill	1922	L	NYack
Peter, Richard Cowling	1924	A (Chem)	Louisville, Ky.
Peters, Amos William, Ph.D	Grad		Ithaca
Peters, Elizabeth Tillotson	1923	Ag	Brooklyn
Peters, Herbert Robert	1924	C	Freeport
Peters, Jordan Holt	1923	C	Omaha, Nebr.
Peters, Marion Emilie	1922	A Grad	Farmingdale
Peterson, Goldie Adelaide	1925	A	Conneaut Lake, Pa.
Pethick, Francis Samuel	1923	A (Chem)	Rochester
Petrillo, William	1925	C	Rochester
Pew, John Glenn	1925	M	Dallas, Texas
Pfann, George Roberts	1924	A	Marion, Ohio
Pfeifer, Emerson Charles	1925	Ag	Rochester
Pflegler, Kenneth Warner, A.B.	1923	M	Arlington, N. J.
Philips, Harlow Demmon	1924	M	Webster
Philips, Jack	1926	A	New York City
Phillips, Marcus Hanford	1923	Ag	Hulburton
Phillips, Maurice Earl, B.S. Agr	Grad		Demarest, Ga.
Phillips, Rose	1923	A	Corning
Phillips, Viola Allen	1925	A	Canandaigua
Phillips, William Benedict	1924	Ag	Hulburton
Phipps, Alice Mabel	1922	Ag	Buffalo
Phipps, Irving Rogers	1922	A	Syracuse
Phipps, Stanley Allan	1924	A	Cortland
Piazza, John James	1923	C	Buffalo
Pick, Sydney Mortimer	1922	A	Newark, N. J.
Pickard, Ethel Mae	1923	A	Johnson City
Pickering, Silas Wright	1924	M	East Orange, N. J.
Pickwick, Lambert Bishop	1923	Ar	Newark, N. J.
Pierce, Everett Washington	1923	Ag	Sidney
Pierce, Leland Theodore	1925	Ag	De Ruyter
Pierce, William Marion, A.B., M.S.	Grad		Dunkirk
Pierson, George Everett, jr	1925	M	Hopewell, N. J.
Pierson, Kirvan Henry	1924	C	Baltimore, Md.
Pierstorff, Arthur Lewis, A.B.	1922	Ag Grad	Ithaca
Pierstorff, Marion Louise Paddock, B. Pd.	1924	Ag	Ithaca
Piesen, Maurice	1923	A	Brooklyn
Pietsch, Walter Randolph	1924	A	Evanston, Ill.
Pigott, Marguerite Louise	1924	Ag	Rochester
Pillion, John Raymond	1925	C	Lackawanna
Pincus, Gregory	1924	Ag	New York City
Pinden, Doris Evelyn Millicent	1923	A	Oneida
Pirnie, Alexander	1924	A	Pulaski
Pirnie, James A.	1924	L	Pulaski
Pirnie, Miles David	1923	Ag	Pulaski
Pittman, Ernest Edgar, B.S. in Agr	Grad		Mayfield, Ky.
Pitzell, Adelyn	1924	Ar	Brooklyn
Pizer, Harry Sidney, M.S.	1924	MD (N.Y.C.)	Brooklyn
Pla, Isidoro Luis	1924	E	Arecibo, P. R.
Planellas, Ismael	1924	C	Ithaca
Platoff, Marvel Segal	1925	A	Weehawken, N. J.
Platt, Austin Blair	1922	M	Scranton, Pa.
Platt, Esther Mae	1922	A	Port Jefferson
Plyler, James Williams, A.B.	Grad		Greenville, S. C.
Polakoff, Joseph	1923	Ag	Brooklyn
Poliakoff, Barney Benjamin, B.C.S.	1924	L	Rochester
Pelitoske, Edward John	1923	M	Fredonia
Pollan, Robert Edward	1924	A	Passaic, N. J.
Pollard, George Murray	1923	E	Buffalo
Pond, James Dunbar	1925	Ag	Crown Point
Pond, Sebastian Lawrence	1925	Ag	New York City
Pope, Charles Edward, A.B., B.S.A.E.	Grad		New Castle, Ind.
Pope, Jack	1922	Ag	Henrietta
Popham, Walter Desmond	1922	Ag	Ithaca
Popoff, Sergei Metrofan	1924	Ag	Voronege, Russia
Porch, Francis Monroe	1924	Ag	Bridgeton, N. J.
Poritsky, Abraham, B.S.	Grad		Ithaca

Poritsky, Hillel, A.B.	Grad	Ithaca
Porter, DeVere Abbot	1925 Ag	Crown Point
Porter, Francis Albert	1922 A (Chem)	Albion
Porter, Frederick Charles, jr.	1924 M	Youngstown, Ohio
Porter, George Arthur	1925 M	Nanticoke, Pa.
Porter, Harriet Brake	Sp Ag	Ithaca
Porter, Joseph Henry	1922 Ag	Sag Harbor
Porter, Mary Pullman	1922 A	New Rochelle
Porter, Rodman de Semery	1924 A	Germanatown, Pa.
Porter, Roland Wellington	1924 E	New York City
Portner, Mayer	Sp A	Boston, Mass.
Posner, Ezra	1924 M	Rochester
Post, Arthur Wilson	1922 A	Utica
Post, Donald John	1924 M	Waterbury, Conn.
Post, Leland Roberson	1923 C	Waterbury, Conn.
Potter, Helen Janette	1922 Ag	Collins
Potter, Lloyd Gregory	1922 A	New York City
Potter, Mary Isabelle, B.S., M.L.D.	Grad	Ithaca
Potter, Olin Chester	1922 Ag Grad	Collins
Potts, John Wright	1923 M	Brooklyn
Potts, Thomas Jackson	1923 A (Chem)	Brooklyn
Poulson, Howard Ross	1925 C	Ventnor, N. J.
Powell, Adinor Runkle	1925 Ag	Buffalo
Powell, Charles Kelly, B.S.	Grad	Ithaca
Powell, Desmond Stevens	1922 A Grad	Waverly
Powell, Dorothy Louise	1923 Ag	Norwood
Powell, Esther Hale	1922 A	Norwood
Powell, Louise Wonsky	1925 A	New York City
Powell, TenEyck Bronk	1925 Ag	Coeysmans
Powell, Whiton	1924 A	Buffalo
Powers, Arthur James	1923 Ag	New York City
Powers, Placida Coronata	1922 A	Mount Carmel, Pa.
Powers, Rose Marie	1925 A	Mount Carmel, Pa.
Poyer, Harland Merton	1925 E	Ithaca
Pozefsky, Joseph	1925 A	Gloversville
Praimakorn, Mom Chao	1925 C	Bangkok, Siam
Prangen, Evelyn Lawton	1922 A	Hornell
Pratt, Arthur John	1925 Ag	Norwich
Pratt, Carlton Lester	Sp Ag	Marion
Pratt, Elizabeth	1922 Ag	Wellesley Hills, Mass.
Pratt, Harold Arthur, M.S.	Grad	Ithaca
Pratt, Schuyler Brother	1925 A	Wayland
Pratt, William Jefferson	1922 Ag	Cossayuna
Prellwitz, Edwin Mitchell, B.S.	Grad	Peconic
Prentice, Charles Clinton, jr.	Sp Ar	Dayton, Ohio
Prentiss, Earl Allison	1922 Ag	Watkins
Presbitero, Guillermo Palacios	1925 Ag	Valladolid, Negros Occidental, P. I.
Preston, Melvin George	1922 A 1925 MD	Utica
Preston, Ruth Bell	1923 Ag	Oxford
Preston, Wilbur Jackson	1923 M	Baltimore, Md.
Preston, William Ensign	1926 M	Cleveland, Ohio
Pretat, Hamilton Grenelle	1922 M	Waterville, Conn.
Prevosto, Alexander	1922 M	New York City
Price, Alfred Meeson	1925 M	Rochester
Price, Eva Boterf, B.S.	Grad	Ithaca
Price, Frank Reeves	1923 A	Mount Pleasant, Iowa
Price, Glendale Marion	1925 E	Dundee
Price, Leonard Cassell	1924 M	Ithaca
Price, Walter Van, M.S.	Grad	Syracuse
Priestley, Marion Randolph, M.S.	Sp Ag	Olean
Prindle, Frank Ames	1925 M	Johnstown
Pringle, Homer Seymour	1926 Ag	Ashville
Pritchard, Blanchard Lewis	1925 C	Clovis, N. Mex.
Pritchard, John Paul	1922 A	White Lake
Pritchard, Margaret Small	1925 A	White Lake
Probasco, Marjorie Helen	1924 Ag	Glens Falls
Proctor, Donald Andrew	1925 A	Keene, N. H.
Proctor, Edward Alexander	1925 C	Washington, D. C.
Proctor, Thomas Main, B.S.	1925 MD (N.Y.C.)	Waterford
Proebstring, Edward Louis, M.S. in Agr	Grad	Ithaca
Proper, Carlton Chase	1923 A	Des Moines, Iowa
Propp, Perry	1926 A	Brooklyn
Prosch, Walter Richard	1922 M	Newark, N. J.
Prout, Curtis Tuttle, A.B.	1924 MD (N.Y.C.)	Windham
Pryor, Lawrence Bellfield	1923 Ag	Millington, Tenn.
Prytherch, Hugh William, jr.	1925 A	Binghamton
Pugh, Helen Dudley	1924 Ag	Spring Valley
Pugsley, James William	1925 A	Ithaca
Pugsley, Matthew Corell	1923 A	Ithaca
Pulver, Arthur Reynolds	1924 M	Spencerport

Punzelt, David Wallace	1925 C	Stamford, Conn
Purcell, Edmond James	1924 A	Utica
Purcell, John Wallace	1923 A	Evanston, Ill.
Purcell, Joseph	1925 Ag	Kingston
Purdy, George Williams	1924 M	Laurelton
Purdy, Gladys Mary	1922 Ag	Ossining
Purdy, Nelson Wesley	1923 A	Castile
Putnam, Eleanor Rebecca	1922 Ag	Holland Patent
Pye, Mildred Alice	1924 Ag	New York City
Quackenbush, Leo	1923 M	Warwick
Quail, Willard Earl	1923 A	Brooklyn
Quick, Charles Herbert	1922 A (Chem)	Newton Centre, Mass.
Quick, Howard Ludlow, jr.	1926 M	Brooklyn
Quick, Roberta Winchell	1922 A	Ithaca
Quigley, George Edward, jr.	1925 M	Detroit, Mich.
Quillinan, Francis Joseph	1924 A	North Troy
Quimson, Mariano	1923 Ag	Alaminos, Pangasinan, P. I.
Quinby, Carleton Bliss	1923 M	Chappaqua
Quinby, Sidney	1924 M	Chappaqua
Quinlan, Frances Henrietta	1924 A	Dalton, Mass.
Quinlan, Frank John	1922 Ag	Poughkeepsie
Quinlivan, Bernice Isabelle	1922 A Grad	Corning
Quinn, George Edward	1923 E	Albany
Quinn, John Ryan	1925 A	Cleveland, Ohio
Quirk, Elizabeth Dorothy	1925 A	Yonkers
Rabe, Lillian Ernestine	1924 Ag	Brooklyn
Race, Hubert Hawley	1922 E Grad	Buffalo
Radice, Marcus Anthony	1925 Ag	Buffalo
Rahman, Lincoln	1923 A	Ossining
Rahman, Marie	1925 Ag	Ossining
Rainold, Frank Edward	1922 M	New Orleans, La.
Raiva, Simha	1922 A Grad	Bangkok, Siam
Ralph, Irving Clark	1922 M	Buffalo
Ramirez, David Santiago	1922 M	Cabo Rojo, P. R.
Ramirez, Rafael Roberto	1924 M	Arecibo, P. R.
Rampona, Joseph Mercer	1925 E	Youngstown, Ohio
Ramsay, George Werner	1924 C	St. Louis, Mo.
Ramsburg, Elias Beeson	1925 C	Frederick, Md.
Ramsey, Floyd Daniel	1924 M	Auburn
Randolph, Percy Lloyd	1924 Ag	Fairport
Rane, Ainsworth	1926 Ag	West Palm Beach, Fla.
Rankin, Gilbert Fraser	1924 M	Manitowoc, Wis.
Ranney, Herman Ira	1925 Ag	Cortland
Ransom, Lynn Hubbard	1925 M	Beaver Falls, Pa.
Ransome, Violet Jane	1925 Ag	Washington, D. C.
Raskin, Justin, M.E.	Grad	Aerschot, Belgium
Rasmussen, Myers Peter, B.S.	Grad	Troy
Rathbun, Lucile Marion	1925 A	Rome
Rathmell, Marguerite Josephine	1925 A	Williamsport, Pa.
Ratner, Sarah	1924 A	New York City
Rauch, Alfred	1924 A	Newark, N. J.
Rauh, Charles Edward, jr.	1922 C	West Hoboken, N. J.
Rauh, George Anderson	1924 M	West Hoboken, N. J.
Raunheim, Hattie	1925 A	New York City
Rauschenbusch, Elizabeth	1925 A	Rochester
Rawlins, Harold Mead	1922 A Grad	South Glens Falls
Ray, Asaph E.	1923 Ag	Unadilla
Ray, Herbert Herwegh	1922 L	Sussex, N. J.
Ray, Margaret	1925 A	Ithaca
Ray, Paul Clemson	1925 M	Harrisburg, Pa.
Raymond, Mark Lamberton, M.S.	Grad	Grove City, Pa.
Raymond, Richard Thomas	1924 Ag	Hoboken, N. J.
Rayner, Edward Engelbert	1923 M	Waverly
Raynor, Alton Randolph	1925 A	Warwick
Raynor, Julia Susan	1924 A	Brooklyn
Raynor, Virginia Whetsel	1925 A	Brooklyn
Read, Joseph Charles	1925 A	Denver, Colo.
Rebert, Homer Franklin, A.M.	Grad	Littlestown, Pa.
Rebholz, Marcella Teresa	1924 A	New York City
Rebmann, Walter	1924 A	Philadelphia, Pa.
Reck, Jacob	1925 Ag	Brooklyn
Recknagel, John Herman, 3d.	1922 M	Brooklyn
Reed, Francis Irving	1926 V	New Berlin
Reed, Franklin Andrew	1922 M	Buffalo
Reed, Louis Eckert	1923 A	Parkersburg, W. Va.
Reed, Louis Jerome, A.B.	1922 M	Canandaigua
Reed, Robert Rentoul, B.S.	Grad	Washington, Pa.
Rees, Athol Church	1925 A	Freehold, N. J.

Reese, Charles Harwood	Sp A (Chem)	Erie, Pa.
Reeve, Rose Raymond	1925 Ag	Riverhead
Reeve, Rowland Smith	1924 M	Haddonfield, N. J.
Reeves, James Frederic	1925 Ag	Lysander
Reeves, Jeremiah Bascom, A.M.	Grad	Sanford, N. C.
Reich, Herbert Joseph	1924 M	New Dorp
Reichart, Russell Christian	1922 E	Greenport
Reichert, Philip, A.B.	1923 MD (N.Y.C.)	New York City
Reid, Ada Chree, A.B.	1925 MD (N.Y.C.)	Boonton, N. J.
Reid, Albert Clayton, A.M.	Grad	Wake Forest, N. C.
Reid, Ralph Dobbin	1925 Ag	Argyle
Reid, Zella Janet	1922 A	Albion
Reif, Herbert Richard	1923 L	Pittsburgh, Pa.
Reifschneider, Felix Edward	1922 A (Chem)	Hempstead
Reilly, George Kenneth	1923 M	Montclair, N. J.
Reilly, Thomas Whiffen	1926 E	Ambridge, Pa.
Reineke, Lester Henry	1923 Ag	Baltimore, Md.
Reinhard, Warren Daness	1922 M	Jersey City, N. J.
Reith, Eva Elizabeth	1925 Ag	New York City
Reithlingshoefer, George Hans	1924 M	Brooklyn
Reitz, Ruth Thomas	Sp Ag	Ithaca
Reitz, William Walter, M.S.	Grad	Ithaca
Rejon-Mendez, Enrique	1925 M	Izamal, Yucatan, Mexico
Remick, Arthur Edward	1922 A (Chem)	New Rochelle
Repp, Amelia Pauline	1923 A	Newburgh
Reubel, Clara Augusta	1926 A	New York City
Reusswig, Theodore Frederick	1925 C	Utica
Rex, George William	1924 A	Wayland
Reynolds, Clarence Melvin	1924 M	Utica
Reynolds, Frederick William, B.S. in E.E.	Grad	Schenectady
Reynolds, Henry Dickey	1925 A (Chem)	Middletown
Reynolds, John Harrison	1924 A	Palmyra
Reynolds, Louis Marvin, jr.	1925 Ag	Ossining
Reynolds, Walter Barton	1924 L	Elmira
Rhode, Clarence Bennet	1922 A	New York City
Rhodes, Charles Everett	1923 A	Groton
Rhodes, Cyril, B.S. in M.E.	1922 E	Rochester, Ind.
Rhodes, Solomon Alhadeff, B.S.	Grad	Ithaca
Rhodes, William George	1922 M	Ithaca
Rice, Frances Violet	1923 M	Philadelphia, Pa.
Rice, George Byron	1924 A	Ithaca
Rice, Paul Kruger	1925 Ag	Ithaca
Rice, Ruth Van Buren	1923 Ag	Ithaca
Rich, Charles Sumner	1925 M	Mount Vernon
Richards, Bartlett	1923 M	Ellsworth, Nebr.
Richardson, Jack Cole	1925 A	Cincinnati, Ohio
Richardson, John Selden, M.A., M.D.	Sp MD (N.Y.C.)	New York City
Richardson, Lycurgus Walton	1922 E	Hamilton, Ont., Canada
Richardson, Stuart Hancock	1925 M	West New Brighton
Richman, Charles Dubois	1925 Ag	Sharptown, N. J.
Richman, Milton Edward	1923 A	Newark, N. J.
Richman, Walter William	1924 Ag	Haddon Heights, N. J.
Richmond, Donald Everett, A.B.	Grad	Great Barrington, Mass.
Richmond, Evelyn Gertrude	1922 A	Rochester
Richter, Horace Willard	1925 M	Brooklyn
Richter, Stewart Rudolph	1925 C	Tompkinsville
Rickert, Thomas George	1925 A	Niagara Falls
Rico, Pallav Manuel	1925 M	Havana, Cuba
Riddle, Arthur Raymond	1922 A	Yorkestown, South Australia
Rider, Jonathan Benjamin	1922 Ar	Rider's Mills
Ridgway, Sarah Louisa	1925 A	Long Island City
Riedman, Edgar Fiske	1925 Ag	Brooklyn
Ries, Donald Timmerman	1925 Ag	Ithaca
Rife, Charles Cornelius	1925 V	Takoma Park, Md.
Righter, Francis Irving	1923 Ag	Port Jervis
Riley, Eleanor Eva	1923 Ag	Rochester
Riley, John Philip	1922 C	Bellows Falls, Vt.
Riley, Thomas Clyde	1923 A	Orange, N. J.
Rinck, Carlman Martin	1924 M	Trenton, N. J.
Ripley, Mills Norton	1925 C	Hornell
Rippe, William Frederick	1922 M	Mount Vernon
Rites, Marion Burhanse	1922 A	Ithaca
Ritz, Francis Sanford	1925 Ag	Kendall
Rivers, Joseph Dill, B.S.	1922 Ar	Charleston, S. C.
Rizzo, Francis	1924 E	Brooklyn
Robb, Harry Walter	1923 M	Middletown
Robbins, Joseph	1925 A	Brooklyn
Robbins, Lawrence H.	1923 A	New York City
Robbins, Melvin	1923 A	New York City
Robbins, Warren David	1923 A	Port Norris, N. J.

Robens, William Glenn	1923	V	Poland
Robertiello, Attilio, Ph. Ch., M.D.	Sp MD	(N.Y.C.)	New York City
Roberts, Allan Young	1922	C	Takoma Park, D.C.
Roberts, Clarence Roger	1922	V	Holland Patent
Roberts, Dean Miles	1924	M	Youngstown, Ohio
Roberts, Edward Sherrill	1924	M	Winnipeg, Man., Canada
Roberts, Henry Allison	1923	A	Ossining
Roberts, James Albert	1925	M	Sewickley, Pa.
Roberts, Kenneth Lindsay	1923	Ag	Ithaca
Roberts, Lillian Jane	1923	A	Sharon Springs
Roberts, Marion Ruthella	1924	Ag	Port Leyden
Roberts, Thomas Joseph	1925	C	Mount Vernon
Robin, Paul	1922	Ag	New York City
Robinson, Abner Theodore	1925	M	Vancouver, B. C., Canada
Robinson, Alfred Brookes	1925	Ag	Upper Montclair, N. J.
Robinson, Cecil Stanley	1922	C	Ithaca
Robinson, Emanuel Marx, M.D.	Sp MD	(N.Y.C.)	Brooklyn
Robinson, Ethelyn Aura	1925	Ag	Ticonderoga
Robinson, James Chenoweth	1924	M	Little Rock, Ark.
Robinson, Joseph Lawrence	1923	E	Plainfield, N. J.
Robinson, Mildred Perle	1924	A	Ithaca
Robinson, Norwood Munson	1924	Ag	Edmeston
Robinson, Willard Marshall Law	1924	E	Cambridge
Robnett, James Powell	1923	A	Brownwood, Texas
Roche, Bernard David	1925	Ag	Perry
Rockow, O'ga Goldie	1923	A	New York City
Rockwood, Grace Caroline	1925	Ag	Bombay
Rodger, William Neale	1925	Eng	Brooklyn
Rodwell, Irving Henry	1924	Ag	Albion
Roe, Robert Marshall	1926	A (Chem)	Cleveland, Ohio
Roe, William Traver	1925	V	Lyons
Roeding, George Christian, jr	1925	Ag	Fresno, Cal.
Roehner, Theodore George	1924	A (Chem)	Hempstead
Roelofs, Charles Richard	1923	M	Pittsburgh, Pa.
Roemer, Hubert Joseph	1922	A Grad	Toledo, Ohio
Roenne, Henry, B.S.	Grad		New York City
Roesch, Robert Evans	1922	E	East Orange, N. J.
Rogers, Allan Henderson	1924	E	White Plains
Rogers, Anna Cochran	1924	Ag	Herndon, Va.
Rogers, Donald Atwater	1923	M	Fulton
Rogers, Edgar Albion	1922	M	Tucson, Ariz.
Rogers, James, 2d	1924	M	Au Sable Forks
Rogers, Merle Laurence	1924	Ag	Oxford
Rogers, Natalie Louise	1925	A	New York City
Rogers, Will Andrews	Sp Ag		Ithaca
Roll, Philip William	1925	A	Clark's Summit, Pa.
Rollins, Walter Jessie, B.Sc	1925	MD (N.Y.C.)	Westminster, Vt.
Rollo, Walter Russell	1923	C	Freeport
Roman, Louis	1923	M	Corona
Romandia, Francisco Ferreira	1924	C	Hermosillo, Son, Mexico
Romig, Florence Elizabeth	1925	A	Ephrata, Pa.
Ronto, Dorothy Helen	1923	Ag	Ithaca
Rooney, James Michael	1924	A	Renovo, Pa.
Rooney, Joseph Anthony	1924	C	Brooklyn
Roosma, Garret, jr	1924	A	Passaic, N. J.
Root, Douglas Lee	1924	MD (N.Y.C.)	Cooperstown
Root, Frederick Charles	1922	A	North Tonawanda
Rose, Hervey Strong	1924	Ag	Watermill
Rose, Iona Vernie	1923	Ag	Adams
Roseboom, Emma Skinner	1923	Ag	Worcester
Rosen, Marks Julius	1925	A	Brooklyn
Rosen, Robert	1923	A	Buffalo
Rosenbeck, Joseph, B.S.	1924	MD (N.Y.C.)	New York City
Rosenberg, Lester, B.S.	1923	MD (N.Y.C.)	Brooklyn
Rosenberry, Cecil Rex	1925	Ag	Red House
Rosenblum, Martin	1925	A	Middletown
Rosenfeld, Abram Henry	1925	A	Mount Holly, N. J.
Rosenkranz, Milton	1924	A	West Hoboken, N. J.
Rosenthal, Abraham Arthur, B.A.	1925	MD (N.Y.C.)	New York City
Rosenthal, Harold Carl	1925	A	Poughkeepsie
Rosenzweig, Sender	1924	A (Chem)	New York City
Ross, Alexander Murray, jr.	1924	Ag	Staten Island
Ross, George Marcus	1923	Ag	Johnson City
Ross, James Albert	1923	M	Dryden
Ross, Madeline Dane	1924	Ag	Brooklyn
Ross, Mary Lillian	1923	A	Cohoes
Ross, Sully	1925	C	Brooklyn
Rosseau, Leon Bidwell	1922	E	Lyme, Conn.
Roth, Eugene Donald	1922	M	Ithaca
Roth, John Edward	1923	A	Tulsa, Okla.

Roth, Margaret	1925	Ag	Ithaca
Rounds, James McCarthy	1925	M	Chicago, Ill.
Rowe, Mildred Eunice, A.B.	Grad		Concord, N. H.
Rowe, Mildred Virginia	1922	A	Hampton, Va.
Rowlee, Silence, A.B.	Grad		Ithaca
Roy, Edmund Adelbert	1924	C	Springfield, Mass.
Royce, Louise I.	1922	Ag	Gouverneur
Rubin, Abner Joseph	1922	A	Milwaukee, Wis.
Rubin, Beatrice Ruth	1923	A	West Philadelphia, Pa.
Rubin, Matilda Frankel	1924	Ag	East Orange, N. J.
Rubinfeld, William	1922	A	Jersey City, N. J.
Rudell, Marjorie Gertrude	1924	A	Sault Ste. Marie, Mich.
Ruehle, Otto, jr	1922	V	Pleasant Valley
Ruf, Francis Augustus	1924	L	Catskill
Ruggles, Almon Barton	1924	A	Redlands, Cal.
Rumanoff, Louis Lawrence	1923	Ag	New York City
Rumsey, Austin Lyman	1923	C	Cato
Runsdorf, Elmore Theodore Roosevelt	1922	Ag	Brooklyn
Ruoff, Leona	1925	A	Binghamton
Rupert, Donald Meredith	1925	M	Geneva
Russell, David Harvey	1925	A	Hillsdale
Russell, George Henry, B.S.	1922	L	Winthrop
Rutherford, Erwin Robert	1922	Ag	Gouverneur
Ruttenberg, Joseph	1924	A	Brooklyn
Ryan, Edwin Colburn, jr	1922	A	Winnipeg, Man., Canada
Ryan, LeRay, B.S.	Grad		Dryden
Ryckman, Elizabeth Ruth	1923	Ag	Brocton
Ryder, Amelia Anne	1923	Ag	New York City
Rynalski, Thomas	1924	A (Chem)	Fredonia
Sabel, Edith Marguerite	Sp A		Chicago, Ill.
Sack, Samuel	1924	A	Brooklyn
St. John, Ruth Anita	1922	Ag	Canajoharie
St. John, Ruth Nimmo	1923	A	Unadilla Forks
Salabarria, Raul	1924	M	Central Cunagua, Canagney, Cuba
Saldarriaga, Alberto	1924	A	Medellin, Colombia
Salisbury, Harold Edwin	1926	M	Oriskany
Salisbury, Marion Rosamond	1924	Ag	Hamburg
Salmon, Thomas Kingerlee	1923	A	Larchmont
Salomao, Elias	1925	C	Sao Paulo, Brazil
Salsbury, Howard Eugene	1922	M	Cazenovia
Salvador, Faustino Gante, B.C.E.	Grad		Tayug, Pangasinan, P. I.
Salwen, Bertha	1925	A	Brooklyn
Sampson, Frederick William	1923	M	Muncie, Ind.
Samuels, Fred Herman	1924	A	Newark, N. J.
Sand, Austin Wertman William, M.S.	Grad		Lockport
Sandberg, Gertrude Beatrice	1924	A	Flatbush
Sanders, Gerald DeWitt, A.M	Grad		Ithaca
Sanderson, Leonard Richard	1924	A (Chem)	Bluff Point
Sandford, Craig, B. S	Grad		Flushing
Sandford, Hazel	1922	Ag	Angola
Sands, Evarts Foster, A.B	1924	MD (N.Y.C.)	Morristown, N. J.
Sanger, Edmund Charles Phipps	1922	Ag	Mount Vernon
Sann, Willard Austin	1925	Ag	Albany
Santilli, James Alfred	1924	M	Hazleton, Pa.
Santor, Grace Marie, A.B	1924	MD (N.Y.C.)	Waterbury, Conn.
Santos, Francisco O., A.B., M.S	Sp MD(N.Y.C.)		Calumpit, Bulacan, P. I.
Sapora, Frank L	1925	M	Renovo, Pa.
Sarle, Warren Freeman	1923	Ag	New Berlin
Sarmineto, José Antonio	1925	C	San Pedro de Macoris, Santo Domingo
Satterthwaite, Alvin Lynam	1922	A (Chem)	Stanton, Del.
Saunders, Ralph Sidney	1924	M	Springfield, Mass.
Savage, Bernard Alexander W	1925	M	Elizabeth, N. J.
Savage, Kirkwood Hallock	1925	M	Mamaroneck
Savoye, Louis Frank	1924	M	Westfield, N. J.
Savoye, Walter Tracy	1923	M	Westfield, N. J.
Sawdon, Lura Josephine	1925	Ag	Ithaca
Sawin, Paul Baldwin	1924	Ag	Buffalo
Saylor, Charles Hamilton	1923	A (Chem)	Brooklyn
Scanlan, Rose Edward	1924	A	Buffalo
Schade, Carlisle	1925	A (Chem)	St. Louis, Mo.
Schaefer, Robert Mertens	1925	Eng	Long Beach
Schaenen, Nelson	1923	Ag	Morristown, N. J.
Schafer, Arthur Henry	1925	E	Richmond Hill
Schafer, Howard Daniel	1923	Ag	Albany
Schantz, David Laury	1925	M	Allentown, Pa.
Schauble, Otto Charles	1924	E	Elizabeth, N. J.
Schedler, Herbert Donald	1923	A	North Bergen, N. J.
Scheiterle, Albert Conrad	1925	M	Olean
Schellhase, Claire Louise	1925	A	Wheeling, W. Va.

Schellkopf, Sigmund Walter	1923	Ar	Fremont, Ohio
Scheminger, Harold Albert	1924	Ag	Port Richmond
Schenck, Gretel Angle	1922	Ag	Rochester
Schenck, Henry, jr.	1924	A	Brooklyn
Scheu, Albert James, jr.	1925	A	St. Louis, Mo.
Schierenberg, Jacob Harvey	1925	Ag	Brooklyn
Schiffenhaus, Joseph William	1923	A	Newark, N. J.
Schimmel, Raymond Thomas	1923	Ag	Port Chester
Schlachetzky, Bertram	1924	A	New York City
Schlecht, Margaret	1924	Ag	Buffalo
Schlesinger, Edgar L.	1925	A	Yonkers
Schlissel, Morris	1922	A (Chem)	Arverne
Schlobohm, Frederick John	1923	A	Yonkers
Schmauss, Carl John	1923	C	Buffalo
Schmerler, Mathilde	1923	A	Brooklyn
Schmid, Pauline Johanna	1925	A	Easton, Pa.
Schmidt, Hattie	1924	A	Brooklyn
Schmidt, Margaret Veronica	1922	C	New York City
Schmidt, Mary Katherine	1924	Ag	Ilion
Schmidt, Robert Leo	1923	C	Brooklyn
Schmieg, Charles Henry	1925	FA	New Rochelle
Schmitt, Max Frederick	1924	A	Eggertsville
Schnatz, Adele Beatrice	1925	A	Brooklyn
Schnatz, Frederick Theodore	1922	A 1925 MD	Buffalo
Schneidau, William Keith	1924	M	New Orleans, La.
Schnell, Harry Julius, jr.	1922	A (Chem)	South Orange, N. J.
Schnuck, Robert Arbuckle	1924	A	White Plains
Schoenfeld, Adalyn Flora	1925	V	Philadelphia, Pa.
Schoenkopf, Beatrice Ida	1925	A	Elizabeth, N. J.
Schoepflin, Frederick Foeller	1922	A	Buffalo
Schoonmaker, John Ludington	1924	Ag	Accord
Schoonmaker, Marion Elizabeth	1925	Ag	Accord
Schoonmaker, Max Van Palen	1924	A	Bradford, Pa.
Schrader, Charles Alfred	Sp Ag		Rochester
Schrankel, Rupert Albert, A.B.	1922	MD (N.Y.C.)	Buffalo
Schraubstader, Carl	1923	A	New York City
Schreiner, Frederick Otto	1922	C	Johnsonburg, Pa.
Schreiner, Ida Helen	1923	A	Pittsburgh, Pa.
Schreyer, William Augustus	1923	A	Milton, Pa.
Schroeder, Frederick Andrew	1924	A (Chem)	Saugerties
Schubert, Frank Willis	1924	A	Oneida
Schubert, Oscar Edward	1926	A	New York City
Schuette, Henry Rahr	1925	M	Manitowoc, Wis.
Schulman, Lilian	1925	Ag	Rockaway Park
Schultheis, Henry	1922	Ag	College Point
Schultheis, Roland	1924	Ag	College Point
Schultz, Belle Katherine	1925	Ag	Brooklyn
Schultz, Joseph Theodore	1925	A	Fredonia
Schultz, Peter Alfonso, A.B.	1922	L	Buffalo
Schurman, Beatrice Munro	1923	A	New York City
Schurman, Catherine Forrest	1922	A	New York City
Schurr, Jacob Leland	1923	A	Clarence
Schuster, Eleanore	1923	A	Wilmington, N. C.
Schutt, Elizabeth Margaret	1924	A	Dryden
Schwabe, Esther Miriam	1924	A	New York City
Schwartz, Donald Kendig	1924	A	Poughkeepsie
Schwartz, John Eric	1922	Ag	Hamilton, Ohio
Schwartz, Leona Geraldine	1925	A	West End, N. J.
Schwartz, Samuel, B.S.	1925	MD	Brooklyn
Schwartzbach, Saul	1925	A	Brooklyn
Schwind, Joseph Louis	1924	A	Dayton, Ohio
Schwingel, Vincent John	1925	A	Dansville
Sciutto, George Joseph	1926	M	Hudson
Scofield, James Harry, M.E.	Grad		Chicago, Ill.
Scott, Anna Louise	1923	A	Astoria
Scott, Burton Alcott	1923	C	Detroit, Mich.
Scott, Charles Decker	1924	Ag	Middletown
Scott, Charles Duff	1925	M	Toronto, Ont., Canada
Scott, Chester Brundrett	1925	M	Cleveland, Ohio
Scott, Earle Nims	1923	C	Detroit, Mich.
Scott, Elizabeth Ruth	1925	Ag	Spartansburg, Pa.
Scott, Gertrude	1925	A	Wellsville
Scott, Irvin Leslie	1923	Ar	Provo, Utah
Scott, Merit, A.B.	Grad		Glens Falls
Scott, Owen Wallace	1923	C	Detroit, Mich.
Scott, Sarah Elizabeth	1922	A	Syracuse
Scruggs, Edward DeLeon	1923	C	Brewton, Ala.
Scudder, Frances Alida	1924	Ag	Randolph
Scul, William Warren	1924	M	Bellevue, Pa.
Seager, Paul Sylvester, A.B.	1924	MD (N.Y.C.)	Morristown, N. J.

Seagers, Paul William	1925 E	Harrison Valley, Pa.
Seaman, Marion	1924 A	Brooklyn
Seaman, Mercedes Margaret	1923 Ag	Ithaca
Seaman, Robert Gurdineer	1925 A (Chem)	Nyack
Searles, Elwood Fay	1923 M	Auburn
Searles, Howard Tallman	1924 A	Auburn
Sears, James Louis	1924 Ag	Baldwinsville
Sears, Wendell McCoy, A.B.	1923 E	Hamilton
Seasongood, Lewis, 2d	1923 A	Cincinnati, Ohio
Seborer, Max	1925 C	Brooklyn
Secor, Dana Montrose	1925 A	Hopewell, N. J.
Seebach, Lester Warren	1923 Ag	Rochester
Seeholzer, Dorothy Elisabeth	1925 A	Middletown
Seelbach, Walter John	1925 Ag	Buffalo
Seeley, Edward Sturgis	1925 E	Woodhaven
Seeley, Margaret Elizabeth	1925 Ag	Woodhaven
Seeley, Ralph Marion	1924 Ag	Woodhaven
Seeman, Herman Eastman, A.B.	Grad	Oberlin, Ohio
Seep, Joseph, 2d	1922 A	Oil City, Pa.
Seguin, Maria	1923 Ag	New York City
Seibel, John George	1924 Ag	North Tonawanda
Seim, José Antonio	1925 Ag	Lares, P. R.
Seinfel, Ruth	1925 A	New York City
Seligmann, Edward Baker	1922 A	Buffalo
Seligson, Lester	1924 A	Raleigh, N. C.
Sell, Edward	1924 M	New York City
Selleck, Doris B. Malone	Sp Ag	Hudson Falls
Selleck, Maurice Eddy	Sp Ag	Hudson Falls
Sellwood, Joseph Gerald	1926 Eng	Duluth, Minn.
Seney, Henry William, 2d	1922 A	Toledo, Ohio
Senour, Raymond Gerard	1924 A	Bellevue, Ky.
Serio, Katie	1924 A	Dunkirk
Servera y Travieso, Joaquin	1922 L	San Juan, P. R.
Severance, Alvin Otis	1925 A	Waverly
Severance, Edith Lillian	1924 A	Buffalo
Severance, Lucille Norma	1925 A	Willsboro
Severinghaus, Leslie Richard	1922 A	Portsmouth, Ohio
Severn, Orin Ray	1924 E	Ithaca
Sewell, Dorothy Austin, A.B.	Grad	Walton
Sexsmith, Henry Perry	1925 M	Binghamton
Seybolt, Mary Lucille	1923 A	New York City
Seyd, August Frederick	1923 A	New York City
Seydoux, Daniel Roger, B.A.	1923 M	Paris, France
Seyfried, Francis Charles	1922 Ag Grad	Barnard
Seymour, Anne Hubbell	1925 A	New York City
Seymour, Ruth	1923 Ar	New York City
Shaeffer, Joseph Robert, jr.	1925 Ag	Ballston Spa
Shafran, Eugenia, A. B.	Grad	New York City
Shambaugh, Howard Miller	1922 A	Fort Wayne, Ind.
Shamroy, Anna	1925 A	New York City
Shaner, George Faust	1922 C	Pottstown, Pa.
Shaner, John Dalzell	1922 L	New York City
Shanklin, George Robert	1922 C	Ensenada, P. R.
Shanklin, William	1924 Ar	Ensenada, P. R.
Shannon, Raymond Corbett	1922 Ag	Ithaca
Shannon, William Assad	1922 A 1925 MD	Ithaca
Shapiro, Morris	1925 M	New York City
Shapiro, Samuel	1925 E	Brooklyn
Shapleigh, Lester Bartlett	1924 C	Lockport
Shar, Chuan Shou, B.Sc. in C.E.	Grad	Shanghai, China
Sharp, Henry Staats	1924 A	Stuyvesant Falls
Sharp, Russel Howland	1923 M	Lockport
Sharpe, Grace Lenore	1923 Ag	Ithaca
Sharpe, Harold Kenyon	1925 Ar	Ithaca
Shaub, Benjamin Martin	1923 M	New Freedom, Pa.
Shavelson, Irving Chanin	1925 A	Spring Valley
Shaw, Ernest Ray	1922 A	Wheaton, Ill.
Shaw, John Thomas	1923 A	Birmingham, Mich.
Shear, Elmer Vanderzee, jr.	1922 Ag Grad	Ravena
Shedd, Laurence Eugene	1924 A	Glens Falls
Sheers, Elizabeth Jane	1924 A	Pittsburgh, Pa.
Shelby, Alexander Winchester	1924 M	St. Louis, Mo.
Sheldon, Carew	1923 M	Buffalo
Sheldon, Lester Whipple	1925 Ag	Gloversville
Sheldon, Robert George	1925 M	New Hartford
Sheldon, Rosemary	1925 Ag	New Hartford
Shellenberger, Rolfe, M.E.	Grad	Ithaca
Shelton, Otis Norcross	1924 A	Dunkirk
Shelton, Robert Philo, B.A.	1924 MD (N.Y.C.)	Bridgeport, Conn.
Shen, Tsi Hwei, B.S.A.	Grad	Shanghai, China

Shenk, James Freeman	1926 C	Camillus
Shepard, Alvin Frost	1924 A (Chem)	North Evans
Shepard, John Berdan, B.S.A., A.B	Grad	Ithaca
Shepard, John Daniel	1922 L	Bagdad, Fla.
Sherk, Mildred Ethel	1922 A	Buffalo
Sherk, Paul Farmer	1923 A	Reading, Pa.
Sherman, Howard Relyea, jr	1922 M	East Orange, N. J.
Sherman, Irving Harold	1922 A	New York City
Sherman, Kenneth Ralph	1923 M	Sag Harbor
Sherrell, Walter Paul	1922 A 1925 MD	Temple, Texas
Sherwood, Harold Tallman	1924 M	Spring Valley
Sherwood, James Elias	1923 V	Suffern
Sherwood, Mary Jean, A.B	1923 Ag	Cornwall
Sherwood, Warren George	1923 A	Loyd
Shiehler, Carl Henson	1923 Ag	Brooklyn
Shiffer, Joseph, A.B	1923 MD (N.Y.C.)	Brooklyn
Shifler, Oliver Henry	1925 M	Carbondale, Pa.
Shilkret, Harry, B.S	1925 MD (N.Y.C.)	New York City
Shimizu, Koichiro	1924 C	Tokyo, Japan
Shipman, Robert Wesley	1925 C	Mount Vernon
Shipman, William Henry	1922 M	North Towanda, Pa.
Shirey, Henry John	1925 A	Warwick
Shirley, Cephas Irwin, jr	1925 Ag	Glen Ridge, N. J.
Shiroyan, Haig Krikor	1924 E	Manchester, N. H.
Shlenker, Charles Newman	1924 A	New York City
Shoemaker, Amalia Immel	1922 A	Ogontz, Pa.
Sholl, Lloyd Banks, B.S. in Agr	1923 V	Milwaukee, Wis.
Short, Marjorie Emeline	1924 Ag	Westfield
Shotwell, Edith Mary	1924 A	Plainfield, N. J.
Showalter, Myrtle Marie	1924 A	Holidaysburg, Pa.
Shrewsbury, Marion Florence	1922 A	Shamokin, Pa.
Shultis, Marshall Grant	1922 Ag	Oneonta
Sibley, Charles Kerr, B.S	Grad	Ithaca
Sidco, Anastasio Jimenez, A.B., E.E	1924 E	San Isidro, Nueva Ecija, P. I.
Sidway, James	1923 M	Syracuse
Siegfried, Cyrus Sylvester	1923 C	Buffalo
Siegfried, Robert Hermann	Sp Eng	Pittsburgh, Pa.
Sievers, Albert William	1922 A	Hyde Park-on-Hudson
Signer, Dorothy	1923 A	New York City
Sikes, Earl Ray, A.M	Grad	Greensboro, N. C.
Silber, Samuel, B.S	1923 MD (N.Y.C.)	Brooklyn
Silbert, Doris	1922 A	Plainfield, N. J.
Silcox, Charles Newell, B.S	Grad	Battle Creek, Mich.
Silverman, Abraham Mitchell	1926 A	New York City
Silverman, Albert Otto	1925 Ag	New York City
Simmons, Alfred Bruce	1925 A	Deep Springs, Cal.
Simmons, Charles William	1922 M	Watertown
Simmons, Howard Lyle, jr	1925 M	Oak Park, Ill.
Simoes, Amando, jr	1924 C	Sao Paulo, Brazil
Simon, Dinah	1925 A	New York City
Simon, Dorothy Estelle	1925 A	Sag Harbor
Simon, Sarah Fanny	1923 A	New York City
Simonds, John Francis	1922 A (Chem)	Brooklyn
Simonds, Walter Wesley, B.S	Grad	Rochester
Simons, Mayrant	1922 E	Summersville, S. C.
Simpler, Wayne Kendig	1925 C	Lansdowne, Pa.
Simpson, Andrew, A.B	Grad	Darby, Pa.
Simpson, Ethel Drever	1923 A	Ithaca
Simpson, John Francis	1925 C	Long Branch, N. J.
Simpson, Leonard Percy, B.A	Grad	New York City
Simpson, Noil Howard	1923 Ag	Sanford, Me.
Simpson, Oscar Salisbury	1925 MD (N.Y.C.)	Marlboro, Mass.
Simpson, Robert Louis	1924 A	New Orleans, La.
Simpson, Sutherland Eric, A.B	Grad	Ithaca
Simpson, Wendell Howard, B.S	1924 M	New Orleans, La.
Simrell, Vivian Earl	1924 A	Babylon
Sims, Doris M	1923 L	Sodus
Sims, Francis LeRoy, jr	1925 A	Stockton, Cal.
Sines, Bernard Sterling	1922 C	Omaha, Nebr.
Singer, Alexander	1922 M	New York City
Singer, Beatrice Clarice	1925 A	Jersey City, N. J.
Singer, Louis	1924 A	Brooklyn
Sisco, Spencer Edward, jr	1923 C	Baltimore, Md.
Sisson, George Wing, 3d	1922 A	Potsdam
Sisson, Henry Eugene	1925 Ag	Ithaca
Sisson, Lyle Albert	1926 Ag	Sherburne
Sivin, Jewel	1926 A	Far Rockaway
Sivin, Lenore	1924 A	Far Rockaway
Skeele, Charles Winslow	1924 Ag	Apulia Station
Skeen, John Hall, B.S. in E.E	Grad	Decatur, Ga.

Skilton, William Edward	1925 M	Havana, Cuba
Skinner, William Oscar	1922 Ag	Greenwich
Skutt, Alexander Gray	1924 A	North Rose
Slack, Thomas Alfred, B.S.	1922 C	Fort Worth, Texas
Slate, Clara Agnes	1925 Ag	Madison
Slate, Joseph	1923 Ag	Madison
Slater, Carolyn Penelope	1923 Ag	Ithaca
Slater, Katharine	1923 Ag	Ithaca
Sleicher, Muriel Latimer	1925 A (Chem)	Lock Haven, Pa.
Sleicher, Paul	1922 A (Chem)	Albany
Slick, James Nelson	1925 Ag	Glenns Ferry, Idaho
Slingerland, Kathryn Lillis, M.A.	Grad	Manchester, N. H.
Sloan, DeVillo	1923 Ag	Dunkirk
Sloan, Robert James, jr	1924 M	Syracuse
Sloat, Dorothy	1926 A	New York City
Slockbower, Ralph	1923 Ag	Clinton, N. J.
Slocum, Alexander Norton, jr	1925 M	Los Angeles, Cal.
Slonaker, Paul Newton	1923 M	Leechburg, Pa.
Slottman, Edythe Virginia	1923 A	Brooklyn
Slupsky, Alexander	1925 A	Brooklyn
Smale, Holmes Bailey	1925 M	Washington, D. C.
Smart, Harold Robert, B.S., M.A.	Grad	Searsport, Me.
Smeallie, Henry Wallace	1922 A	Amsterdam
Smilie, Henry Harold	1924 Ag	Cambridge Junction, Vt.
Smit, Bernard, B.S.	Grad	Cathcart, C. S. P., Africa
Smith, Ainsworth Lockhart, A. B.	1922 MD (N.Y.C.)	Brooklyn
Smith, Albert C. W., jr.	1925 A (Chem)	Titusville, Pa.
Smith, Alfred Edwin	1923 M	Burdett
Smith, Alice Louise, A.B.	Grad	Cornwallville
Smith, Beauchamp Elmer	1923 M	York, Pa.
Smith, Carl Henry, M.A.	1922 MD (N.Y.C.)	New York City
Smith, Christianna, M.A.	Grad	New Bedford, Mass.
Smith, Clifton Dyer	1925 M	Newark, N. J.
Smith, Darwin Covert	1922 Ag	Ithaca
Smith, Dorothy Marcella	1922 A Grad	Ithaca
Smith, Edwin Louis	1924 M	Elyria, Ohio
Smith, Elliot Boughton	1923 M	Rochester
Smith, Elliott William	1924 T	Poughkeepsie
Smith, Elsie Brinkerhoff	1924 A	Rutherford, N. J.
Smith, Esther Grace	1925 Ag	Endicott
Smith, Ethel Marion	1924 A	Nutley, N. J.
Smith, Eudora Shaw	1925 Ag	Geneseo
Smith, Everdell Gillespie, B.S.	Grad	Ithaca
Smith, Ewald John Joseph	1922 L	Jersey City, N. J.
Smith, Francis Henry	1925 M	Utica
Smith, Frank Engelbert	1924 A	Brooklyn
Smith, Frank Gilby	1925 Ag	Elmira
Smith, Fred August	1923 A 1924 L	Brooklyn
Smith, Genevieve Elizabeth	1925 A	Leonia, N. J.
Smith, George Hume, A.B.	Grad	Ithaca
Smith, Gilbert Brown Lorenzo, M.A.	Grad	Ellicottville
Smith, Hamilton Keeler	1925 A	Syracuse
Smith, Hardick Allen	1925 A	Schenectady
Smith, Harley Gibbs, jr.	1924 A	Cleveland Heights, Ohio
Smith, Harold Kramer	1922 L	Jersey City, N. J.
Smith, Harriett Genevieve	1923 A	Warsaw
Smith, Harry Breese	1926 E	Norwich
Smith, Harry Hargreaves	1923 A	Newton, N. J.
Smith, Helen Davis	1922 Ag	Binghamton
Smith, Helen Delavan	1923 A	White Plains
Smith, Helen Jean	Sp Ag	Newark, N. J.
Smith, Helen Josephine	1924 Ag	Attica
Smith, Howard Hazelton	1923 A	Fort Riley, Kans.
Smith, Irving Carleton, A.B.	1922 E	Lowville
Smith, James Walter	1924 A	St. Louis, Mo.
Smith, John Lampman	1922 Ag	Craryville
Smith, John William	1922 C	New Hartford
Smith, Laurence Lake	1925 E	Memphis, Tenn.
Smith, Leo Charles	1925 E	Chittenango Station
Smith, Lois Fredrica	1924 Ag	Ithaca
Smith, Luella Helen	1922 A	Gloversville
Smith, Malcolm Ernest	1923 Ag	Rochester
Smith, Margaret Clyne	1925 A	Orangeburgh
Smith, Margaret Ethelwyn	1922 A	Nyack
Smith, Mary Eloise	1922 A	Rochester
Smith, Mary Hipwood	1923 A	Watervliet
Smith, Nicholas Shaw	1923 Ag	Geneseo
Smith, Paul Burton	1925 Ag	Brooklyn
Smith, Paul Hamilton	1925 M	Ithaca
Smith, Philip Rudolph Botha	1923 V	Ficksburg, O. F. S., South Africa

Smith, Robert Francis	1924	Ag.	Ludlowville
Smith, Robert Taylor	1924	Ag.	Honesdale, Pa.
Smith, Seward Marcus	1922	A.	Wilkes-Barre, Pa.
Smith, Wilfred Frank	1923	Ag.	Livingston Manor
Smith, William Howard	1924	A.	North Rose
Smith, William Roland	1925	A.	Nyack
Smulovitz, Heine	1922	MD (N.Y.C.)	New York City
Smyth, James Aloysius	1923	A.	New York City
Snedeker, Alfred William, B.A.	1924	MD (N.Y.C.)	Staten Island
Snee, William Emerson	1924	A (Chem)	West Elizabeth, Pa.
Snibbe, George William, jr.	1922	A.	Catonsville, Md.
Snitow, Anne June	1925	Ag.	New York City
Snively, Hubert Kling	1922	Ag.	Ithaca
Snodgrass, Elisabeth King	1922	A.	New York City
Snow, Howard Bartley	1922	E.	Yonkers
Snyder, Bernard Clark	1922	Ag.	Ithaca
Snyder, Raymond Dimmick	1924	A.	Hillsdale
Snyder, Victor Joseph	1922	M.	Harrisburg, Pa.
Sobol, Bernard, A.B.	Grad		New York City
Sohon, Irma Marsteller	1924	A.	New York City
Solberg, Ingvald Ben.		Sp Ag.	Ithaca
Solomon, Reginald	1922	A.	New York City
Solovay, Hyman	1925	MD (N.Y.C.)	Brooklyn
Solovay, Louis	1924	A.	Brooklyn
Solovey, Hyman	1922	A.	Brooklyn
Soloway, David	1926	Ag.	New York City
Solowey, Lawrence	1923	C.	New York City
Sommer, Abram Ellison	1922	A.	Bayonne, N. J.
Sonn, Edith	1924	L.	Jamaica
Sorensen, Julie Skriver	1924	Ag.	Corning
Sorensen, Marie Skriver	1924	Ag.	Corning
Sorotsky, Joseph	1925	Ag.	Newark, N. J.
Sotomayor, Alfonso	1923	Ag.	Cordova, Andalusia, Spain
Souders, Josephine Overton, A.B.	Grad		Phillipsburg, N. J.
Souter, Nartha Chandley, A.B.	1924	MD (N.Y.C.)	Whitehall
Southard, Townsend F.	1923	M.	Ocean Side
Southworth, Walter Turner	1925	A.	Batavia
Sovocool, Lewice Leslie	1925	Ag.	Addison
Sovocool, Stanley Morell	1922	E.	Addison
Spaden, Olive Frances	1925	Ar.	Bellaire Park
Spahn, Herman Frederick	1923	A (Chem)	Pleasantville
Spahn, Otto Joseph, jr.	1922	A.	Pleasantville
Spahn, Paul Edward	1925	Ag.	Pleasantville
Spahr, Mary Burchard, B.A.	1922	MD (N.Y.C.)	New York City
Spangberg, Leonard Victor	1922	M.	Tarrytown
Spear, Kenneth Barney	1923	Ag.	New York City
Speed, John Harper	1923	A.	Slaterville Springs
Speer, Franklin Raub	1923	E.	Washington, D. C.
Speh, Harold Charles	1925	Ag.	Brooklyn
Spence, Byron	1925	Ag.	Dundee
Spence, Stockbridge Cable	1923	A.	Newton, Mass.
Spencer, Alfred Charles, jr.	1925	M.	New York City
Spencer, Joseph Wilbur, jr.	1923	M.	West Orange, N. J.
Spencer, Leland, B.S.	Grad		Elmira
Spencer, Roy Clarence	1922	A Grad	Pennellville
Spiegel, Rose	1925	A.	New York City
Spindler, Elizabeth Gladys	1924	A.	Highland, Ill.
Splane, Howard Scott	1925	M.	Oil City, Pa.
Spock, Leslie Erskine	1923	A.	Babylon
Sprague, Robert Todd	1924	C.	New Berlin
Spriggs, Anne Wilson, A.B.	Grad		Washington, Pa.
Springer, Paul Kenneth Webster	1923	Ag.	Interlaken
Springford, Vernon Herbert	1924	M.	Milwaukee, Wis.
Springstead, Iva Edith	1925	A.	Cobleskill
Sproule, Alfred Nelson	1924	Ag.	Watkins
Spurny, Felix Emmanuel	1923	C.	Astoria
Spurrier, Schuyler Orgain	1925	A.	Okmulgee, Okla.
Squires, Andrew Mouhot	1923	M.	Greenport
Squires, Theodore Foster	1925	C.	Water Mill
Stack, John Paul	1925	Ag.	Northampton, Mass.
Stacy, Helen Emily	1922	A.	St. Regis Falls
Stacy, William Homer, B.S. in Agr.	Grad		Osage, Iowa
Stahl, Charles, A.B.	1922	MD (N.Y.C.)	Newark, N. J.
Stainton, Charles Maxwell	1925	A.	Buffalo
Stainton, Robert Sheldon	1922	M.	Buffalo
Stainton, Walter Hutchinson, B.A.	Grad		Utica
Stalnaker, Ashford Worthington	1925	E.	Philippi, W. Va.
Stalnaker, Harold Wilson	1925	E.	Philippi, W. Va.
Stanesslow, John Stanislovaitis	1922	A.	Binghamton
Stango, Benjamin	1925	A.	Newark, N. J.

Stanley, Ada Kenyon	1923	A	Buffalo
Stanton, Amy Louise	1925	A	Clymer
Stanton, Stephen Trembly	1923	Ag.	Cohocton
Staples, Marion Witherle	1925	Ag.	Buffalo
Staplin, Bayard Howe	1922	Ag.	Mannsville
Starfield, Harry	1925	A	Brooklyn
Starks, Donald Hand	1922	A	Chatham
Starr, Ernest Walter	1925	E	Albany
Starr, Raymond Terry	1922	M.	New York City
Starr, Richard Francis Strong	1924	Ag.	Easton, Md.
Stauffer, Margaret Nolt	1926	A (Chem)	Silver Spring, Pa.
Steadman, Ferdinande	1922	A	Yonkers
Stearns, Raymond Munro	1925	M.	Ridgewood, N. J.
Stebbins, Alfred McCreddie	1924	Ag.	Brooklyn
Steczynski, Myron Edward	1922	M.	Cambridge Springs, Pa.
Steele, Donald Eugene	1925	Ag.	Windham
Steele, Mabel Frances	1923	A	Waverly
Steele, Varian	1924	M.	Buffalo
Steffy, William Elijah	1924	C	Dover, Del.
Stein, David	1923	M.	New York City
Stein, Julius	1924	A	Newark, N. J.
Steinmann, Edwin Oliver	1924	C	Rochester
Steinmetz, Richard Bird	1922	E	Brooklyn
Stelle, Lewis Randolph	1925	C	Scranton, Pa.
Stellwagen, Frank Beresford	1925	A	Brooklyn
Stephens, John James, 2d	1923	A	Brooklyn
Stephenson, Hadley Carruthers, B.S., D.V.M	Grad		Ithaca
Stern, Bernard Baer	1925	M.	Cleveland, Ohio
Sternau, Howard Eisler	1925	A (Chem)	New York City
Sternberg, Edwin	1925	E	New York City
Sterrett, Helen Mabel	1925	Ag.	Westville, Pa.
Stevens, Earl Knights	1923	M.	Newport, R. I.
Stevens, Edward	1923	A	Newport, R. I.
Stevens, Helen Louise	1923	A	Kerrmoor, Pa.
Stevens, Paul Clifton	1923	M.	Muskegon, Mich.
Stevens, Richard, 2d	1923	M.	Philadelphia, Pa.
Stevens, Walter Eugene	1924	Ag.	Greenville
Stevens, William Trystram, 3d	1922	Ag.	New York City
Stevenson, Donald Marshall	1924	M.	Cold Spring-on-Hudson
Stevenson, Dorothy Jean	1922	Ag.	Buffalo
Stevenson, James Rich, jr.	1922	A	Hobart
Stevenson, Robert Lawrence	1924	M.	Crafton, Pa.
Stevenson, Warren Allan	1922	M.	Nelsonville
Steves, Josephine Elizabeth	1925	Ag.	Whitehall
Stewart, Douglas	1923	L.	Denver, Colo.
Stewart, Newell Coe	1923	M.	Buffalo
Stewart, Ralph Walton	1923	Ag.	Geneva
Stewart, Robert George, B.S., M.D.	Sp MD (N.Y.C.)		Jersey City, N. J.
Stichter, Ralph Benjamin, jr.	1923	M.	Dallas, Texas
Stier, Robert Highton	1926	Eng	Philadelphia, Pa.
Stiles, Henry Thayer	1923	A	Warren, Ohio
Stillwell, Charles William	1922	A (Chem)	Ithaca
Stilwell, Abbey Lorinda	1924	Ag.	Ithaca
Stiner, Cecil Ewing	1923	M.	Moylan, Pa.
Stirling, Thomas Luke	1925	A (Chem)	Wilmington, Del.
Stix, Louis	1925	A	Elmsford
Stoddart, Freda Katharine	1925	A	Philadelphia, Pa.
Stoiljkovitch, Arandjel	1923	Ag.	Vlasotintzi, Jugo-Slavia
Stoller, Abraham Louis	1925	C	New York City
Stone, Albert Gallatin	Sp L		Ithaca
Stone, Albert James	1923	Ag.	Englewood, N. J.
Stone, Charles Van Valkenburgh	1923	E	Utica
Stone, Fowler Penfield, jr.	1924	A	Wausau, Wis.
Stone, Genevieve Evangeline	1924	A	Ithaca
Stone, Henry Chase	1924	M.	Staten Island
Stone, Henry Norton	1924	M.	Roanoke, Va.
Stone, John Raymond	1923	M.	Ithaca
Stone, Linton	1923	M.	Wilmington, Del.
Stone, Neil Charles, B.S.	1925	MD (N.Y.C.)	Warsaw
Stone, Stephen Donald	1924	Ag.	Trumansburg
Storey, Margaret Hamilton	1922	A	New York City
Story, Theodore Harvey	1924	E	New York City
Stotz, Charles Morse, B. Arch.	Grad		Ingram, Pa.
Stotz, William Forrester	1922	A (Chem)	Crafton, Pa.
Stoughton, Zelman Hamlin	1924	Ag.	Newark Valley
Stow, Marcellus Henry	1925	A (Chem)	Washington, D. C.
Stowell, William Curtis	1923	A	New York City
Strack, Ernest Victor	1922	E	Spring Valley
Strahan, Henry Clark	1923	E	Wappingers Falls
Stratford, Edwin Holbrooke, jr.	1925	A	Hoboken, N. J.

Strathman, Harold William	1924 L	Rochester
Stratton, Lewis Hubert	1922 Ag	Oxford
Stratton, Mildred Elizabeth, B.A.	Grad	Bradford, Pa.
Street, George William, 2d	1923 A	Madison, N. J.
Street, Gordon Parkhurst	1925 Ag	Chattanooga, Tenn.
Streit, Peter Louis	1925 M	Grand View-on-Hudson
Strickler, Daniel Bursk	1922 L	Columbia, Pa.
Stringham, George Lauder	1924 V	Wappingers Falls
Strong, Allen Knox	1924 Ag	Waterloo
Strong, Charles Nicholas	1924 A	Canton
Strong, George Clarence	1925 Ag	Water Mill
Strong, Marjorie Ogden	1925 A	Turin
Strunk, Catherine	1923 A	Ithaca
Strunk, Edwin Hart	1925 M	Ithaca
Struthers, Archibald	1925 M	Yonkers
Stuart, James Roy, B.S.	1925 E	Versailles, Ky.
Stubenrauch, Walter Herman	1922 A	West New York, N. J.
Stuckey, Jasper Leonidas, A.M.	Grad	Chapel Hill, N. C.
Stumpf, Richard Thomas	1924 C	Syracuse
Stuntz, Jackson Sharp	1923 M	Havana, Cuba
Sturgeon, Myron Alfred	1923 C	Suffolk, Va.
Sturges, John Lauren	1923 M	South Worcester
Stutson, Solomon David	1924 L	Norfolk, Va.
Suarez y de la Portilla, Dionisio Fernando	1923 C	Havana, Cuba
Suender, Russell Light	1922 M	Frackville, Pa.
Suiter, Vaughn Douglas	1922 M	Ithaca
Sullivan, Dorothy Fleming	1923 Ag	Buffalo
Sullivan, George Dewey	1922 A	Mohawk
Sullivan, John Edward	1924 A	Elmira
Sullivan, Margaret Mary	1925 A	Ithaca
Sullivan, Mortimer Allen	1924 A	Elmira
Summers, Harry Anderson	1924 M	Brooklyn
Sumner, George Ellsworth, Pd.B	1923 E	Greeley, Colo.
Sumner, James Frederick	1922 Ag	Ann Arbor, Mich.
Sun, Kuo Feng, M.S.	Grad	Changtao, Fengtien, China
Sunderlin, Orville	1925 Ag	Weedsport
Sundstrom, Frank Leander	1924 A	Middletown
Sunico, Francisco Taufer, B.A.	1924 M	Manila, P. I.
Susoni, Francisco Maria	1925 A	Arecibo, P. R.
Suttle, Andrew Dillard, M.S.	Grad	Louisville, Miss.
Sutton, Harry William	1922 V	Sidney Center
Sutton, Hewlett Edgar	1925 Ag	Townners
Svirsky, Abram	1925 A	Brooklyn
Swan, William Franklin, B.S. in Ed.	Grad	Ruth, Miss.
Swanson, Charles Oscar, A.B., M. Agr.	Grad	Manhattan, Kans.
Swarthout, Marjorie Belle	1925 A	Hall
Sweeley, Rudolphus Stanley	1925 M	Washington, D. C.
Sweeney, Charles Lester	1924 M	Clayville
Sweet, Elsie Marie	1922 Ag	Hilton
Sweet, Francis Marion	1925 A	Buffalo
Swezey, Fenton Hendy, B. Chem.	Grad	Lockport
Swift, Freeman Robert	1922 Ag Grad	Mount Vernon
Swimmer, Sadye Surella	1923 A	New York City
Swindells, Sydney Springer	1924 C	Brooklyn
Sy-Quia, Pedro Michel	1924 A (Chem)	Manila, P. I.
Tabaknek, Mendel	1922 M	Albany
Taber, Charles Emmons	1925 A	Charleston, Miss.
Taber, Leslie Ray, Ph.B.	1924 MD (N.Y.C.)	Auburn
Tabor, Edward Kenneth	1924 Ag	Orient
Taft, Glenn Roberts	1925 E	Ticonderoga
Tailby, Eloise L. Osmond, A. M.	Sp Ag	Ithaca
Talbot, Frances Williams	1923 A	Jamaica
Talbot, Samuel Armstrong	1925 A	Jamaica
Tallant, John Alexander	1924 M	Sewickley, Pa.
Tallman, John Harold, jr.	1925 Ag	Mount Vernon
Talmadge, Nathaniel Allen	1922 Ag	Riverhead
Tan, Shao Fan, B.Chem	Grad	Tangshan, China
Tandy, Oscar Garrett	1925 M	Tampa, Fla.
Tang, Chi Yu, M.S.A.	Grad	Kiangsu, China
Tang, Tsai Chun	1922 Ag Grad	Shanghai, China
Tannenbaum, Helene Sofia	1925 A	New York City
Tanner, Martha Almira	1923 Ag	Ithaca
Tannhauser, Henry William	1924 Ag	New York City
Tarboux, Joseph Galluchat, B.S. in Eng.	1923 E	Miami, Fla.
Tarris, Venia Laota, B.S.	Grad	Ithaca
Tate, Kenneth Leeds	Sp A	Stamford, Conn.
Taussig, Richard Sigfried	1924 M	New York City
Taylor, William Robert	1924 M	Westfield, N. J.
Taylor, Alvin Verender	1924 C	Salt Lake City, Utah

Taylor, Franklin	1922	A (Chem)	Wilmington, Del.
Taylor, Gordon Henry	1925	Ag	New York City
Taylor, Helen Laura	1923	A	Methuen, Mass.
Taylor, John Arthur, B.S.	1922	MD (N.Y.C.)	Schenectady
Taylor, Laurens Armstrong	1923	E	Geneva
Taylor, Merton Noye	1924	Ag	Holley
Taylor, Raymond Leech	1924	Ag	Catskill
Taylor, Theodore Fred	1923	V	Morrisville
Taylor, William Campbell	1923	M	Lake Forest, Ill.
Taylor, William Peck	1925	A	Maywood, N. J.
Teal, Georgia Myrtle	1924	Ag	Abbeville, S. C.
Teare, George William	1923	Ar	Cleveland, Ohio
Teepie, John Hazen	1924	A	Montclair, N. J.
Telfer, Thomas	1923	C	Boonton, N. J.
Temple, Heber Holbrook	1923	C	Pittsburgh, Pa.
Temple, Olive Myrtle	1922	A	Gouverneur
Ten Boeck, Jacob Wessel	1923	Ag	Hudson
Teresevicz, Joseph Cecil	1922	M	Wilkes-Barre, Pa.
Termoalen, Rudolph Thomas	1926	Ag	New York City
Tetelman, Michael Martin, B.S.	1924	MD (N.Y.C.)	New York City
Tevonian, Hagop Puzant, B.S., C.E.	1923	E	Kasta, Armenia
Tewksbury, Floyd Laverne	1923	E	Buffalo
Tewksbury, Helen Louise	1924	A	Buffalo
Texidor, Antonio	1924	Ag	Guayama, P. R.
Thakkur, Khimji Bhanji	1922	E	Bombay, India
Thaler, Louis	1925	A	Brooklyn
Thatcher, Clifford	1924	Ag	West Danby
Thearle, Ernest Lathrop	Sp M		Ithaca
Then, John William	1922	A	Ithaca
Thomas, Alfred Randall	1923	E	Pasadena, Cal.
Thomas, Austin Kefauver	1925	A (Chem)	Frederick, Md.
Thomas, Charles Kenneth	1922	A	Flushing
Thomas, Charles Wesley	Sp A		Greenwich, Conn.
Thomas, Elmer William	1926	M	Joliet, Ill.
Thomas, Haskell Moisson, A.B.	1924	C	Florence, S. C.
Thomas, Jay Clyde	1922	M	Harvey, Ill.
Thomas, Lewis Newton	1924	C	Charleston, W. Va.
Thomas, Maceo Augustine	1922	Ag	Baltimore, Md.
Thomas, Raymond Einnon, B.Chem.	Grad		Yonkers
Thomas, Ruth Margaret	1924	A	Pittsburgh, Pa.
Thompson, Chauncey Arthur	1926	Ar	Fairhaven, Mass.
Thompson, Ella Lucie	1925	A	Clayton
Thompson, Elliott Rogers	1924	M	Wycombe, Pa.
Thompson, Frank Leslie	1924	C	Brooklyn
Thompson, Frederick Howe	1922	L	Trumansburg
Thompson, Howard Dresel	1922	M	Littleton, N. H.
Thompson, James Bucklin	1924	M	Youngstown, Ohio
Thompson, Jerome Wilber	1924	A	Littleton, N. H.
Thompson, Lawrence Dorland, B.S.	1922	MD (N.Y.C.)	Rutherford, N. J.
Thompson, Ora Rebecca	Sp Ag		Greenwich
Thompson, Robert Elwood	1923	Ag	Wallkill
Thompson, Robert William	1922	C	Corona
Thompson, Sidney Attilio, A.B.	1923	MD (N.Y.C.)	Greenwich, Conn.
Thompson, William Ratcliff	1925	C	Little Rock, Ark.
Thoms, Joseph Chak, jr	1922	C	Brooklyn
Thomson, Alexander, A.B.	Grad		Showhegan, Me.
Thomson, Medford Theodore	1925	C	Medina
Thornhill, Sewell Edwards	1923	M	Sayville
Thornton, George Hilyard	1922	A	Wayne, Pa.
Thorp, Edward George	1925	A	West Roxbury, Mass.
Thrall, William North	1924	M	West Rutland, Vt.
Thropp, May Ashmore, A.B.	1922	L	Trenton, N. J.
Tibbits, Evelyn Grace	1923	A	Utica
Tick, Irving	1925	Ag	Big Indian
Tielke, Maxwell Hansing	1924	M	Cleveland, Ohio
Tiffany, Matthew Aloysius	1924	A	Buffalo
Tiffany, Robert Price	1926	M	Jamestown
Timlin, Constance Josephine	1925	A	Concord, N. H.
Timm, Kenneth Baldwin	1923	A (Chem)	Yonkers
Tingley, Edith	1923	Ag	Washington, D. C.
Tinio y Quijano, Manuel, A.B.	1924	M	Cabanatuan, Nueva Ecija, P. I.
Tinio y Quijano, Mariano, A.B.	1923	Ag	Cabanatuan, Nueva Ecija, P. I.
Tinkham, Gordon Proctor	1925	M	Akron
Titus, Buel Franklin	1923	M	Rochester
Titus, George Frederick	1925	Ag	New York City
Titus, Robert Noel	1924	A (Chem)	Elmira
Tjaden, Olive Frances	1925	Ar	Bellaire Park
Toadvine, Stephen Purnell, 2d	1922	A	Williamsport, Pa.
Tobey, Donald Mortimer	1923	M	Sherburne
Tobey, Herbert Dayton	1922	M	Walton

Tobey, Marian Esther, B.A.	Grad	Pine City
Tobey, Pratt Lorenzo	1926 M.	Great Barrington, Mass.
Tobias, Sibyl Dorothy	1925 A.	Corning
Tobias, Sidney	1925 Ag.	New York City
Tocantins, Leandro Maues	1923 A.	Para, Brazil
Todd, John Odell	1924 A.	Minneapolis, Minn.
Todd, Kenneth Russell	1922 M.	Pittsburgh, Pa.
Tolstoi, Edward, A.B.	1923 MD (N.Y.C.)	New Haven, Conn.
Tompkins, Karl Whitney	1924 A (Chem)	Peekskill
Tompkins, Lewis Alva, jr	1924 C.	East Orange, N. J.
Toms, Allen Park	1923 M.	Nyack
Tone, Frank Jerome, jr	1924 A.	Niagara Falls
Tong, Reginald Beardsley	1924 A.	Hollis
Tonkin, Maurice Bradley	1923 M.	Washington, D. C.
Topliffe, Carleton Veda	1923 M.	Port Byron
Torrance, Charles Chapman	1922 M.	Yonkers
Tortora, Edward Joseph	1925 A.	New York City
Toward, James White	1923 C.	Montour Falls
Tower, Elizabeth Augusta	1925 A.	New Rochelle
Towne, Raymond Wendell	Sp M	Worcester, Mass.
Townsend, Fanny Laney	1922 Ag.	Elmira
Townsend, Paul Lockwood	1925 A.	Selbyville, Del.
Towsley, Lee Iran	1922 Ag.	Rochester
Tozier, Hayden Humphrey, jr	1925 Ag.	Johnsbury
Tracy, Rex Devillo	1925 A (Chem)	Guilford
Trainer, David, jr	1923 C.	Calgary, Alberta, Canada
Trainer, Franklin Fouché, jr	1925 E.	Wayne, Pa.
Trajkovich, Branislav	1924 Ag.	Belgrad, Jugo-Slavia
Trani, Frank Joseph	1924 C.	Brooklyn
Trau, Frank Garland	1922 C.	Waco, Texas
Traub, David William	1924 A (Chem)	Syracuse
Travell, Virginia Macqueen, B.A.	1925 MD (N.Y.C.)	New York City
Travilla, James Coxey, jr	1922 M.	St. Louis, Mo.
Travis, Paul Henry	1924 M.	East Stroudsburg, Pa.
Travis, Reed Pelton, B.S.	Grad	East Stroudsburg, Pa.
Trebing, Dorothea Grace	1923 Ag.	New York City
Tregurtha, William Henry, B.S.	1925 MD (N.Y.C.)	Schenectady
Treman, Allan Hosie, A.B.	1924 L.	Ithaca
Treman, Arthur Bott	1923 A.	Ithaca
Tremlett, James Richard	1923 V.	Edmeston
Trescher, Helen	1925 Ag.	Jeannette, Pa.
Trescher, John Henry, A.B.	1924 MD (N.Y.C.)	Jeannette, Pa.
Tressler, Katharine Marjorie, B.A.	Grad	Montpelier, Ohio
Trethaway, William, jr	1922 M.	Wilkes-Barre, Pa.
Treu, Harold Louie	1925 M.	Forest Hills
Treu, John Edward	1924 C.	Los Angeles, Cal.
Trevor, Barbara Ellis	1924 Ag.	Ithaca
Tribus, Lucien Hall	1924 Ag.	Clifton
Trigg, Irene Kathryn	1922 A.	Washington, D. C.
Trilling, Rosamond	1924 A.	Atlantic City, N. J.
Trimble, William John	1925 M.	Williamsport, Pa.
Trostel, Otto Albert	1925 M.	Milwaukee, Wis.
Trounstone, Lewis Joseph, jr	1926 M.	New York City
Trousdale, James Bashford	1922 A.	Ithaca
Trousdale, Whitney Maynard	1925 A.	Ithaca
Trowbridge, Basil Edwin	1923 A.	Westfield, Pa.
Troy, Elinor Louise	1924 A.	Ithaca
Truman, Marjory Isabella	1925 A.	Ithaca
Tsai, Tien-Tsoi	1925 A.	Kwei-Yang, China
Tsao, Ming Luan, B.S.Ch.E.	Grad	Honan, China
Tsou, Ngen Yung, B.S.C.E.	Grad	Peking, China
Tucker, Charles Ketchum	1922 Ag.	Brooklyn
Tukey, Harold Bradford, M.S.	Grad	Geneva
Tung, Shih-Tsin, B.S. in Agr	Grad	Tienkiang, Szechuen, China
Turk, Harry	1924 A.	New York City
Turman, Irving Pearson	1924 A.	Brooklyn
Turnbull, Thomas, 3d., A.B.	1922 M.	Pittsburgh, Pa.
Turner, Blanche Elizabeth	1925 A.	Glens Falls
Turner, Frederic Tullis	1923 M.	Oil City, Pa.
Turner, George William	1923 M.	Pittsburgh, Pa.
Turner, Harry Milton	1925 A.	Vineland, N. J.
Turner, John Corydon	1922 V.	Cassadaga
Turner, Llewellyn	1922 Ag.	Schoharie
Turner, Max	1923 A.	Brooklyn
Turner, Reuben	1925 A.	New York City
Turner, Richard Harold	1922 M.	Buffalo
Tuttle, Aletta Mowbray	1925 Ag.	East Moriches
Tuttle, Austin	1923 M.	Brooklyn
Tuttle, Bessie Matilda	1924 Ag.	King Ferry
Tuttle, Elbert Parr, A.B.	1923 L.	Ithaca

Tutton, Gordon Nekrews	1924 A	Auburn
Tyler, Eugene Randolph	1925 Ar	Lockport
Tyler, Harry Franklin	1925 A	Washington, D. C.
Tyler, Leland Corey	1922 Ag	Atlanta
Tyler, Leon Charles	Sp Ag	Beaver Meadow
Tyler, Virginia Edmonia	1925 Ag	Canandaigua
Tyndall, Edward Philip Theodore, B.A.	Grad	Richmond, Va.
Tyroler, Felix Raphael	1922 A (Chem)	Brooklyn
Uetz, Fred	1925 Ag	New York City
Uhl, Frederick Elmer	1924 M	Baltimore, Md.
Uhl, Helen Margaret	1924 A	Rutherford, N. J.
Uhrbrock, Harold Witte	1924 Ag	Brooklyn
Ulman, Sunshine, A.B.	1922 L	New York City
Ulrich, Francis Victor	1922 E	Baltimore, Md.
Ulrich, Irma Charlotte	1925 A	Paris, France
Underwood, Bert Orland	1922 C	Summit, N. J.
Underwood, John Elmer	1925 A	Summit, N. J.
Unzicker, Otto Forst	1923 A	Chicago, Ill.
Upstill, John Emmett	1924 M	Cleveland, Ohio
Uriarte, Eduardo	1923 M	Buenos Aires, Argentina
Uris, Harold David	1926 C	New York City
Ushioda, Seikichi	1923 M	Tokyo, Japan
Uttal, Joseph	1922 A	New York City
Utter, Leonard Gordon	1925 Ag	Brooklyn
Utz, Frederick William	1922 M	Wilkes-Barre, Pa.
Vagg, Clara Mason	1924 A	Albion
Vail, Carl Waldemar	1923 M	Ridgewood, N. J.
Vail, Juanita Fanny Elizabeth	1923 Ag	East Stroudsburg, Pa.
Vaill, Ruth Geneva	1923 A	Port Chester
Valensky, Reuben	1924 Ag	Petrusburg, O.F.S., South Africa
Valentine, Andrus Titus	Sp Ag	Cold Spring Harbor
Valentine, Byron Warren, A.M.	Grad	Hoosick Falls
Valentine, Louise Wallace	Sp Ag	Hoosick Falls
Van Allen, George Raymond, A.B.	Grad	Ithaca
Van Alstyne, Lola Catherine	1925 Ag	Ilion
Van Alstyne, Walter Kent, A.B.	Grad	Afton
Van Arnam, Ralph Newcomb	1925 E	Beaver Falls
Van Buren, John Roden	1925 A	Mellenville
Van Buskirk, Esther Earline	1925 Ag	Ithaca
Vance, Ledcreich Stuart	1922 M	Louisville, Ky.
Vanderlip, Arthur Nelson	1925 M	Tieton City, Wash.
Vandervort, John, jr.	1923 Ag	Sidney Center
Van Hall, Carl John	1922 A	Sodus
Van Hoesen, Karl Duane	1923 A	Ithaca
Van Houten, Willard Boulet, jr.	1924 A	Newark, N. J.
Van Kirk, Ruth Stratton	1922 A	Newfield
Van Lennep, Henry John	1926 M	Great Barrington, Mass.
Vann, Dorothy May	1925 A	Ithaca
Vanneman, James Walter	1925 Ar	Cynwyd, Pa.
Van Ness, Russell Terry	1923 M	Warwick
Vannote, Howard Ball, jr.	1922 M	Brooklyn
Van Nuys, James Smith	1924 M	Somerville, N. J.
Van Pelt, William Herrmann	1923 C	Brooklyn
Van Poznak, Aaron	1925 A	Bradley Beach, N. J.
Van Scoter, Chester Jay	1923 Ag	Dunkirk
Van Sickle, Roswell Charles	1923 M	Buffalo
Van Valkenburgh, Joseph Dwight	1922 M	Greene
Van Vranken, Virginia	1925 A	Schenectady
Van Winkle, Katherine E. Hilton, B.S.	Grad	Oakville, Wash.
Van Wirt, Alfred Earle	1923 A (Chem)	Glens Falls
Van Wirt, Dorothy Mae	1924 Ag	Glens Falls
Van Wynen, Kenneth Gregg	1925 E	Kerhonkson
van Zandt, Fanny Brice, B.S.	Grad	Ithaca
Vaque, Marcellus Julius	1924 M	Mexico City, Mexico
Varley, James Richard, D.V.M.	Grad	Greenwich
Varon, Marcelle Andree	1924 A	New York City
Vaseliuss, George Gustav Emil	1923 V	Helsingfors, Finland
Vason, James Babcock	1925 M	Boston, Mass.
Vass, John Isaac	1922 A	Blairstown, N. J.
Vaughan, Frances Lemmon	1923 A	Ithaca
Vaughan, Henry Polk	1924 M	Montreal, Canada
Vaughan, Lawrence Moore	1923 Ag	Ithaca
Vaughan, Seymour Madison	1922 Ag	Ithaca
Vaughn, Aurelia Dodson	1923 A	Shelbyville, Ky.
Vaughn, Richard Owen, B.S.	Grad	Caledonia, Miss.
Vedder, Earl Charles, A.B.	1922 L	Ithaca
Veeder, Herman Greig, jr.	1925 C	Pittsburgh, Pa.
Veghte, Edgar Maxwell	1923 Ag	Johnstown

Velsey, Raymond DeWitt	1923 M	Grantwood, N. J.
Venman, Mary Janet	1924 A	Frewsburg
Verbyla, Albert Edward	1922 A (Chem)	Danbury, Conn.
Vere, Oscar	1925 M	San Juan, P. R.
Vermilye, Gerard Lathrop	1925 Ag	Closter, N. J.
Vernick, Samuel William, B.S.	1923 MD (N.Y.C.)	New York City
Vernon, Clinton Montgomery	1924 M	Middletown
Verwiebe, Alma Bertha	1922 A (Chem)	Buffalo
Vesell, Harry, A.B.	1922 MD (N.Y.C.)	New York City
Vial, Edmund Ellsworth, B.S.	Grad	LaGrange, Ill.
Vieweg, Hermann Frederick, B. Chem.	Grad	Ithaca
Vincent, Walter Nathan	1925 E	New Hartford
Vinciguerra, Michael Patsy	1925 A	Jamaica
Vinograd, Bertha Myrtle	1922 Ag	Leonard Bridge, Conn.
Vivarttas, Elizabeth Arnold	1925 A	West Sand Lake
Vizioli, José, B.S.	Grad	Sao Paulo, Brazil
Vogel, Albert Otto	1923 M	Milwaukee, Wis.
Vogel, Irvin Henry, M.S.	Grad	Ithaca
Vogel, Sidney	1924 A	South Norwalk, Conn.
Vogeler, Rudolf Frederick	1925 Ag	New Brighton
Vogt, Carl Theodore	1925 M	Hudson Heights, N. J.
Voight, Emily Anna	1925 A	Brooklyn
Voight, Louis Wainwright	1922 A	Pittsburgh, Pa.
Volgenau, Robert Herman	1925 V	Buffalo
Volkening, Robert Otto	1924 M	New York City
Vollmer, Karl Koehler	1925 A	Davenport, Iowa
Volpe, Innocent James	1922 C	Newark, N. J.
von Abo, Cecil Vivian, M.A., B.Sc. (C.E.)	Grad	Parys, O.F.S., South Africa
Von Beck, Marion Elfrieda	1922 A	Carbondale, Pa.
von Bergen, Hilda Katherine	1924 A	Jeffersonville
Vong, Pao Ling, B.Sc. C.E.	Grad	Shanghai, China
von Hazmburg, Romulus Seitz	1924 A (Chem)	Cincinnati, Ohio
Von Oehsen, William Henry	1924 MD (N.Y.C.)	New York City
Von Roeder, Luise Ottilie	1925 A	New York City
von Storch, Searle Henry	1922 Ar	Scranton, Pa.
von Wendler-Funaro, Karl Heinrich	1922 Ag	Brooklyn
Voorhees, Dorothy	1923 Ag	Auburn
Voorhees, Edith Magruder	1924 A	Groton
Vories, Faye	1922 Ag	New York City
Vosburgh, Frances Elizabeth, A.B.	1925 MD (N.Y.C.)	New York City
Vose, Richard Shepard, B.Sc.	Grad	Spencer
Voynow, Vera	1926 Ar	Philadelphia, Pa.
Vrooman, Arthur Ellis	1925 Ag	Sharon Springs
Vrooman, Raymond Clifford	1923 Ag	Sharon Springs
Wade, Henry Sweetser	1925 A	Alton, Ill.
Wade, Preston Allen	1922 A 1925 MD	Helena, Mont.
Wadsworth, Doris Theresa	1923 Ag	Hastings
Wadsworth, William Steele	1922 Ag	Farmington, Conn.
Waesche, Norman Ellsworth	1925 Ag	Baltimore, Md.
Wagar, Humphrey Robinson	1923 A	Washington, D. C.
Wagner, Carl Frank	1925 Ag	Alden
Wagoner, Charles Clifton	Sp Ag	Ithaca
Wahl, John Estabrook	1922 M	Chicago, Ill.
Wainger, Max	1925 A	Brooklyn
Wait, Harry Gregory	1924 Ag	New York City
Waite, Frances Elizabeth	1925 A	Crown Point
Wakeley, Philip Carman	1923 Ag	Orange, N. J.
Waldner, Charles Eugene	1923 E	Brooklyn
Waldron, Stanley Harry Norman	1925 Ag	Honolulu, Hawaii
Waldstreicher, Moses Leon	1926 M	New York City
Walke, Mary Atkinson	1922 A	Ridgewood, N. J.
Walker, Cornelia Smalley	1922 Ag	Buffalo
Walker, Grace Allen	Sp A	Washington, D. C.
Walker, Henry Oswald	1924 E	Houghton, Mich.
Walker, Natalie	1924 A	Newark, N. J.
Walker, Raymond Gillespie, A.B.	1924 L	Greene
Walker, William Allen, A.B.	1923 MD (N.Y.C.)	Byron
Walkley, Floyd Frank	1925 Ag	LeRoy
Wallace, Bertha Edna	1922 A	Middletown
Wallace, Dorothy Irwin	1923 Ag	Flushing
Wallace, Herbert Gary	1925 M	Auburn
Wallace, James Herbert	1923 E	White Plains
Wallace, John Graham	1924 M	Jackson, Mich.
Wallace, Joy Carrie Joanna	1924 Ag	Washington, D. C.
Wallace, William Curwin	1925 A	Niagara Falls
Wallendorf, Bruno Louis	1924 Ag	Brooklyn
Waller, Ray Benson Potter, D.V.M.	1924 A	Ithaca
Walls, Bradley Dorr	1922 M	Buffalo
Walsh, Dorothy Constance	1924 A	New York City
Walter, Edward Joseph	1924 A	Port Jervis

Walter, Richard Wiley	1922 A	Brooklyn
Walters, Margery Laura	1922 Ag	Rochester
Walton, Alfred Bails	1922 M	Freeport
Walton, Ethel	1925 A	Philadelphia, Pa.
Walzer, Matthews, A.B., M.D	Sp MD (N.Y.C.)	Brooklyn
Wambsgans, Hilda Adelaide	1925 Ag	Long Island City
Wang, Cho, B.S	Grad	Honan, China
Wang, Hsun-Tsai, B.Sc. in C.E	Grad	Chefoo, China
Wang, Kuo Shu	1923 C	Chengtu, Szechuan, China
Wang, Li Zan	1922 C	Checheng, Honan, China
Wang, Tsen-Shih, B.S.C.E	Grad	Shanghai, China
Wang, Yu Kwang, B.S.C.E	Grad	Shanghai, China
Wang, Yuen-Ling, B.S.C.E	Grad	Shanghai, China
Warburton, Fred William	1922 A	Groton
Ward, Albert John, A.B	1925 MD	Ithaca
Ward, Churchill Lyon	1926 M	Wellsville
Ward, Darwin Adams	1923 Ag	Whitehall
Ward, Elizabeth Bowiby	1922 A	Newark, N. J.
Ward, Elsie Clara	1923 A	Gloversville
Ward, Margaret Ann	1922 A	Belmont
Ward, Matthew Joseph	1923 A	Lakewood, Ohio
Ward, Nairne Forsyth, M.E	Grad	Lockport
Ware, John Davis Dabney	1925 A (Chem)	Sewanee, Tenn.
Ware, Robert Galen, jr	1925 M	Ithaca
Ware, Rosalind Lucille	1922 A	Yonkers
Warner, Elizabeth Thomson	1923 A	Glenside, Pa.
Warner, Florence Eleanor	1924 A	Binghamton
Warner, George Stanley, Ph.B.	1925 MD (N.Y.C.)	Peterboro, N. H.
Warner, Theodore Mallory	1922 Ag	Wellington, Ohio
Warnick Henry Greene	1925 M	Amsterdam
Warren, Mabel Cary	1924 A	Hudson Falls
Warren, Robert DeBevoise	1923 E	Hollis
Warrick, Louis Frederick, B.S	Grad	Morgantown, W. Va.
Warriner, Eloise	1925 Ag	Philadelphia, Pa.
Washburn, Albert Owens	1923 M	St. Paul, Minn.
Washburn, Harold Carl	1924 Ag	Franklinville
Washburn, Robert Collyer	1922 FA	New York City
Washington, John Clement	1923 M	Washington, D. C.
Wasson, Robert Alexander	1922 M	Brooklyn
Waterhouse, Frank Delaplain	1924 A	Wheeling, W. Va.
Waterman, Fred Walter	1924 M	Elyria, Ohio
Waterman, John McKown	1925 Ag	Worcester
Waterman, Paul Thompson	1925 A	Worcester
Waters, Murray Goldsborough	1922 M	Baltimore, Md.
Watkins, George Clayton	1923 Ag	Ballston Lake
Watkins, Helen Elizabeth	1925 Ag	Cortland
Watkins, Leslie Lawrence	1924 Ag	Ithaca
Watkins, Walter D.	1925 Ag	Remsen
Watson, Elinor Mary	1923 Ag	Lewiston
Watson, Janet Elisabeth	1925 Ag	Lewiston
Watson, William Law	1922 A 1925 MD	Pittston, Pa.
Watt, Ronald George	1923 M	Honolulu, Hawaii
Watterson, Sara L.	1924 A	West Grove, Pa.
Waxelbaum, Joseph	1925 A	Brooklyn
Weaver, Dana Sterling	1924 Ag	Brooklyn
Weaver, Dorothy Irene	1925 Ag	Findley Lake
Weaver, George Arthur	1923 A	Findley Lake
Weaver, Harvey Adelbert	1923 Ag	Findley Lake
Weaver, Sarah Pearl	1923 Ag	Findley Lake
Webb, Benjamin Wellington	1922 M	Greenport
Webber, Wendall Kershaw	1924 Ag	Pearl River
Weber, Alice Dora	1922 A 1925 MD (N.Y.C.)	New York City
Weber, Helen Augusta	1923 A	New York City
Weber, Matthew, jr	1924 A (Chem)	Salamanca
Webster, Esther Mary	1924 A	Corning
Webster, Margaret Aileen	1922 A	Elbridge
Webster, Myron Edward	1923 L	Rutland, Pa.
Webster, Paul Amos	1924 A (Chem)	Cazenovia
Wedell, Carl Frederic	1924 Ag	Buffalo
Weed, Dorothy Elizabeth	1925 A	Brooklyn
Weeden, Edward Horatio	1922 A	Sidney
Weeden, Samuel Andrew	1924 E	Norwich
Weeks, Gilbert Marcy	1926 A	Chicago, Ill.
Weeks, Lester Frank, B.S., A.M	Grad	Randolph, Me.
Weeks, William Donald	1925 M	Auburn
Wehle, Victor Otto	1924 L	Jamaica
Weichsel, Carl Christian	1923 M	Dallas, Texas
Weidman, Florence Elizabeth	1922 A	Camden, N. J.
Weidt, William Christian Joachim	1922 Ag	Mount Kisco
Weigel, Horace David	1924 M	Cleveland, Ohio

Weill, Irwin	1925	M.	New York City
Weinberg, Abraham Gerald	1925	A.	Buffalo
Weinberg, Ruth	1923	A.	Brooklyn
Weiner, Louis	1923	M.	New York City
Weingold, Joseph	1924	A.	Brooklyn
Weinreb, Samuel M.	1923	MD (N.Y.C.)	Brooklyn
Weinstein, Emma Estelle	1923	A.	Newark, N. J.
Weinstein, Freda Lyda	1925	Ag.	Rockaway Park
Weinstein, Isadore	1922	A.	Newark, N. J.
Weinstein, Samuel	1923	MD (N.Y.C.)	New York City
Weisbord, Estelle	1925	A.	New York City
Weisbord, Norman Edward	1924	A.	New York City
Weiselberg, Isidore	1923	Ag.	New York City
Weiser, Charles Spangler	1925	A (Chem)	York, Pa.
Weiss, Herbert Albert Julius, M.E.	Grad		Rochester
Weiss, Isidor	1923	M.	New York City
Weiss, Milton	1923	A.	Hudson
Weiss, Soma	1923	MD (N.Y.C.)	New York City
Weiss, Theodore Roger	1925	M.	Erie, Pa.
Weissberger, Stephen, B.S.	1924	MD (N.Y.C.)	New York City
Weissenburger, George LaMonte	1924	M.	Keokuk, Iowa
Weich, Catherine Margaret	1923	A.	Ithaca
Weich, Donald Stuart, B.S., M.A.	Grad		Norway, Me.
Weldon, Lemuel Boggs	1924	A.	Circleville, Ohio
Wellar, Gladys Elizabeth	1923	Ag.	New York Mills
Wellenkamp, Paul Gustave	1923	M.	Hammondsport
Welles, Charles Bourne	1924	C.	Denver, Colo.
Wellman, Harrison Wilbur	1922	M.	Denver, Colo.
Wells, Agnes Binkerd	1925	A.	Riverhead
Wells, Joseph Harry	1925	A (Chem)	Ithaca
Welt, Emily	1925	Ag.	Livingston
Welti, Walter	1924	A.	Salt Lake City, Utah
Welton, Walter Frederick, A.B.	1924	MD (N.Y.C.)	New York City
Wendell, Rosamond Hill	1922	Ag.	Lockport
Wendnagel, Charles Eugene	1923	M.	Chicago, Ill.
Wendt, Robert Hutten	1924	Ag.	Barnard
Wenger, Ralph Anderson	1922	Ag.	Waynesboro, Va.
Werber, Herman Albert	1925	C.	Brooklyn
Werly, Berlyn McIntyre	1922	E.	Ithaca
Werly, Glenn Louis	1923	Ag.	Ithaca
Werner, Richard Castleman	1924	M.	New Orleans, La.
Werring, Walter William	1922	M.	Brooklyn
Wertz, Audrey Murphy, A.B., B.M.	Grad		Ithaca
Wertz, Cyril J., B.Sc in E.E.	Grad		Richland, Nebr.
Wescott, Dorothea Muriel	1924	A.	Newburgh
Wesolowski, Wacław Andrew	1923	A (Chem)	Yonkers
West, Arthur Matthew	1923	A.	Rhinebeck
West, Edward Joseph	1925	A.	Hudson
West, George Addison	1923	Ag.	Rhinebeck
West, George Fitzherbert	1925	Eng.	Pasadena, Cal.
West, Grace Walrond	1923	A.	Brooklyn
West, Luther Shirley, B.S.	Grad		Owego
Westcott, Cynthia, A.B.	Grad		North Attleboro, Mass.
Westervelt, Ralph Henry	1923	E.	Ithaca
Wethey, Harold Edwin	1923	A.	Port Washington
Wettig, Frank	1925	A.	Brooklyn
Wexler, David, A.B.	1924	MD (N.Y.C.)	Brooklyn
Wexler, Frances	1923	A.	New York City
Wexler, Jacob Klein	1925	Ag.	Spring Valley
Wheaton, Lewis Ulysses	1922	M.	Buffalo
Wheaton, Ruby Adelaide	1923	A.	Ithaca
Wheeler, Clifford Wright	1925	Ag.	Pavilion
Wheeler, Everett Pepperrell	1923	A.	Geneva
Wheeler, Ray Leech	Sp Ag.		Sprakers
Wheeler, William Harrison	1924	Ag.	Florida
Whetstone, Walter, jr.	1926	M.	Wayne, Pa.
Whipple, Clayton Ernum	1925	Ag.	Perry
Whipple, Earl Franklin	1923	V.	Whitesboro
Whitaker, Randall	1923	Ag.	New York City
White, Alexander Craig	1923	A (Chem)	Pittsburgh, Pa.
White, Bertha Gordys	Sp Ag.		East Aurora
White, Britton	1924	M.	Denver, Colo.
White, Donald Murray	1925	Ar.	New York City
White, Harriet Marion, A.B.	1923	MD (N.Y.C.)	Richmond Hill
White, Jackson Smith	1923	Ag.	Machias
White, Lydia Phylancy	1922	Ag.	Bath
White, Mayhew Howard	1923	M.	Baltimore, Md.
White, Norman Percival	1923	Ag.	Trenton, N. J.
White, Thomas Joseph, A.B.	1925	MD (N.Y.C.)	Jersey City, N. J.
White, William King	1922	Ag.	Cleveland, Ohio

Whitehead, Lyman Tibbals	1925 M	Plainfield, N. J.
Whiteside, Horace Eugene, A.B.	1922 L	Ithaca
Whitesides, George Walter	1925 A (Chem)	Louisville, Ky.
Whiting, Ralph Earl	1924 V	Ithaca
Whitman, Harold Leroy	1925 Ag	Weedsport
Whitman, Sterling Treat	1924 Ag	Weedsport
Whitmore, Samuel Clair	1926 M	Corry, Pa.
Whitner, Alonzo Church	1923 A	New York City
Whitney, Alexander	1925 E	Philadelphia, Pa.
Whitney, Charles Seward, jr.	1923 E	Adrian, Mich.
Whitney, Howard Erwin	1922 C	Albany
Whitson, Donald Dickson	Sp Ag	Buffalo
Whittaker, Charles	1923 M	Kingston
Whittemore, Van Crampton, B.S.	Grad	Collins Center
Whyte, Keith Carrick	1922 E	Anaconda, Mont.
Wichelns, Herbert August, A.B.	Grad	Brooklyn
Wickenheiser, Herbert Emil	1924 Ag	New York City
Wicker, Mildred Marie, A.B.	1923 MD (N.Y.C.)	Livonia
Wickerham, Howard Lawrence	1922 Ar	Homestead, Pa.
Wickes, Francis Allen, B.S.	Grad	Ticonderoga
Wickes, Henry Herriman	1923 L	Rochester
Wickes, Mary Virginia	1925 Ag	Ticonderoga
Wickes, Ruth Elizabeth	1923 Ag	Ticonderoga
Wickham, Don Jay	1924 Ag	Hector
Widing, Joseph William	1922 C	Philadelphia, Pa.
Widrig, Francis Smith	1924 Ag	Sandy Creek
Wieczorek, Helen Aline	1924 A	Buffalo
Wiener, Richard Leopold	1924 A	Akron, Ohio
Wieters, Charles Benjamin	1925 E	New York City
Wigdor, Meyer, B.S., A.M.	1923 MD (N.Y.C.)	New York City
Wight, Stanley Griswold	1922 M	New York City
Wigley, Doris Aldrich	1923 A	Luzerne
Wigsten, Frank Murray	1922 Ag	Horseheads
Wigsten, William J	1923 Ag	Horseheads
Wilcox, Frank Adams	1925 Ag	Harford, Pa.
Wilcox, Frederick Atwater	1925 A	Ithaca
Wilcox, John Franklin	1924 Ag	Council Bluffs, Iowa
Wilde, Sylvia	1925 Ag	Brooklyn
Wilder, George Warren, jr.	1924 Ag	New York City
Wilder, Harris Emory	1922 A	Elmhurst, Ill.
Wilder, Malcolm Lownsbury	1922 A	North Holston, Va.
Wile, Richard Herman	1925 A	Buffalo
Wilkerson, William Velpoe, A.B.	Grad	Chelyan, W. Va.
Wilkes, Harriet Erwin	1922 A	Binghamton
Wilkes, William Crockett	1922 A	Binghamton
Wilkin, George Ambrose	1923 Ag	Brockport
Wilkin, Sidney John	1923 Ag	Brockport
Wilkins, Joseph Fellows	1923 M	Selma, Ala.
Wilkinson, Henry Bernard	1923 E	Bailey's Bay, Bermuda
Willcox, Alanson Work	1922 A	Ithaca
Willcox, Mary Goodenow	1923 A	Ithaca
Willgerodt, Tillie Margarete	1922 A	Montclair, N. J.
Williams, Amy Elizabeth	1923 A	New York City
Williams, David John, jr.	1925 Ag	Richmond, Ky.
Williams, Duncan Ballard	1924 M	Glen Ridge, N. J.
Williams, George Clark	1924 E	Brewster
Williams, Gerald Crofoot	1922 C	Binghamton
Williams, Gordon Early	1924 Ar	Columbus, Ohio
Williams, Harold Robertson	1926 E	Ithaca
Williams, Herbert Edgar, jr.	1925 M	Douglaston
Williams, Herbert Howard, jr.	1925 C	Brooklyn
Williams, Kenneth Victor	1923 Ag	Chappaqua
Williams, Otis Parker	1923 A	Norwalk, Ohio
Williams, Roger	1923 A	Belleville
Williams, Roy Stanley	1923 E	Knoxville, Tenn.
Williams, Ruth Gladys, M.A.	Grad	LaVerne, Cal.
Williams, Theodore Charles	1925 A	Wilmington, Del.
Williams, Victor Jackson	1922 M	Bolivar
Williams, William Norman	1922 A (Chem)	Schenectady
Williamson, Christina Valeria	1923 Ag	Ithaca
Williamson, Frank Shaver	1922 A (Chem)	Frankfort
Williamson, Janet Agnes, A.B.	Grad	Newport, R. I.
Williamson, Zarah	1925 A	Brooklyn
Willim, Edward, jr.	1924 Ag	Dover, Del.
Willisford, Laverne Harold, B.S.	Grad	Ithaca
Willison, Dorothy, A.B.	Grad	Huntington, W. Va.
Willits, Ruth Cushman	1924 A	Anaconda, Mont.
Willson, David Harris, B.S.	Grad	Haddonfield, N. J.
Willmot, Marjorie Sheldon	1925 A	Flushing
Wilson, Amy Anita, A.B.	Grad	Bethel, Vt.

Wilson, Anna Isabella	1922	A	Yonkers
Wilson, Anne Madelon	1925	Ag	Wilmington, Del.
Wilson, Carl Louis, A.M.	Grad		Ithaca
Wilson, Donald King	1925	M	Toledo, Ohio
Wilson, Francis Henry	1923	Ag	Salem
Wilson, Graham Eugene, B.S. in Agr	Grad		Ithaca
Wilson, Harold A.	1922	A 1925 MD	Downsville
Wilson, Harold Lynn	1924	A	Buffalo
Wilson, Hildegard Newcomb	1925	A	Pelham
Wilson, Kenneth Mason	1925	A	Ithaca
Wilson, Mildred Fay	1922	A	Ithaca
Wilson, Ross Alexander	1922	A	Toronto, Ont., Canada
Wilson, Thomas Warren	1925	M	Cold Spring-on-Hudson
Winans, Hunting Conklin	1925	Ag	Pine Plains
Winans, Reginald Frank	1925	M	Scranton, Pa.
Winch, Percy Holden	1923	M	West Newton, Mass.
Wincor, Abraham Lincoln, A.B.	1923	MD (N.Y.C.)	New York City
Windnagle, Dewey Fenton	1923	E	Penn Yan
Windsberg, Eske Harry, Ph.B.	1925	MD (N.Y.C.)	New Bedford, Mass.
Winemiller, James Lewis, A.B.	Sp A		Great Neck
Wing, Ellen Watson	1925	Ag	Ithaca
Wing, Willis Kingsley	1923	A	Toledo, Ohio
Wingate, James Donald	1925	Ar	Brookline, Mass.
Winkelman, Louis Arthur	1923	M	Baltimore, Md.
Winograd, Harold	1924	E	Rochester
Winters, Nathaniel Elmer, M.S.	Grad		Ithaca
Witter, Margaret Shepard, A.B.	1923	MD (N.Y.C.)	Rhinebeck
Wixom, Clinton Wood	1922	C	Trumansburg
Wixom, Elmer Benjamin	1922	Ag	Trumansburg
Woche, Reginald Frederick	1922	C	Yonkers
Woehl, Arthur Lensen	1923	A	Buffalo
Woehl, Elinore Elizabeth	1925	A	Buffalo
Wohlenberg, Fred Harold	1923	Ar	Fort Worth, Texas
Wohlhueter, Lucy Victoria	1924	A	Buffalo
Wolcott, Henry Freeman	1925	M	West Hartford, Conn.
Wolcott, Lawrence	1925	M	West Hartford, Conn.
Wolcott, Mildred Lounsbury	1925	Ag	Cobleskill
Wolf, Augusta	1922	A	Brooklyn
Wolf, John Thomas	1924	Ag	Ithaca
Wolfe, Charles Burr	1924	C	Baltimore, Md.
Wolff, Howard	1922	A	Brooklyn
Wolff, Irving, B.S.	Grad		Ithaca
Wolff, Ramona Louise	1924	A	New York City
Wolfrom, Carlos Eugene	1922	Ag Grad	Ithaca
Wolkind, Isadore Harold	1924	A	Buffalo
Wolkinson, Herman	1924	A	Brooklyn
Wolkowitz, Eli	1925	A	Yonkers
Wollmer, Frederick	1926	E	Kenoza Lake
Womack, Morris Kenneth	1925	A	Houston, Texas
Wood, Albert Edward, jr.	1925	M	Philadelphia, Pa.
Wood, Charles Amos	1922	M	Syracuse
Wood, Edna Deborah	1924	Ag	Binghamton
Wood, Franklin Secor	1923	A	Seneca Falls
Wood, Frederic Conger	1924	C	Brooklyn
Wood, Harlan Valentine	1922	M	Ithaca
Wood, Harrison	1924	M	Rutherford, N. J.
Wood, Hilton Gerard, B. Chem	Grad		Stamford, Conn.
Wood, Humphreys Farmer	1925	A (Chem)	Batavia
Wood, Irving Aaron	1925	M	New Hartford
Wood, Jessie Elmira	1922	A	Whitehall
Wood, John Palen	1924	M	Newport News, Va.
Wood, Karl Dawson	1922	M	Washington, D. C.
Wood, Marion Elizabeth	1925	Ag	Ticonderoga
Wood, Orla Leslie, jr.	1923	E	South Norwalk, Conn.
Wood, Paul Orlady	Sp Ag		Brooklyn
Wood, Phillip Allen	1924	C	Beverly, Mass.
Wood, Sanford Ballard Dole	1922	L	Honolulu, Hawaii
Wood, Vernon Davis	1925	E	Oshkosh, Wis.
Woodcock, Fletcher Howard	1925	Ar	Spencer, Iowa
Woodcock, Thursia May	1924	Ar	Spencer, Iowa
Wooden, Aubrey Arthur	1923	V	Waterloo
Woodin, Ernest Clinton, jr.	1924	A	Pawling
Woods, Don Thomas	1923	Ag	White Pigeon, Mich.
Woods, Edward Harold	1924	M	St. Josephs
Woods, Robert McLain	1923	M	Wheeling, W. Va.
Woodward, Dorothy Morris	1923	A	Sayre, Pa.
Woodward, Harold Stone	1922	C Grad	Worcester, Mass.
Woodward, Julian Laurence	1922	M	Chicago, Ill.
Woodworth, Ruth Adeline	1922	A	Avoca
Wool, Martha Elizabeth	1924	Ag	Ithaca

Woolf, Walter Scott	1923	Ag.	New York City
Woolston, Loren Stratton	1924	Ag.	Spencerport
Worman, Elizabeth Dorothy	1923	A (Chem)	New York City
Worsell, Leslie Fenner	1925	Ag.	Ludlowville
Worthington, Charles Gad	1924	M.	Stafford
Worthington, Gertrude Wood	Sp Ag.		Stafford
Wrede, Fredrick William	1924	C.	Hoboken, N. J.
Wren, Harold Clifton	1925	C.	Perkasie, Pa.
Wright, Anton Pope, jr	1923	M.	Savannah, Ga.
Wright, Charles Peazel	1925	C.	Little Rock, Ark.
Wright, Chauncey Bechtie, A.B.	1925	MD (N.Y.C.)	Ceredo, W. Va.
Wright, Donald Allerton	1923	Ag.	Ithaca
Wright, Edwin Francis	1923	M.	Baltimore, Md.
Wright, Forrest Blythe	1922	Ag.	Cynthiana, Ky.
Wright, Harry Davies	1925	M.	Lima, Ohio
Wright, Hazel Eunice	1922	Ag.	Johnson City
Wright, Helen May	1926	A.	Floral Park
Wright, Irving Sherwood	1923	A.	Bloomfield, N. J.
Wright, Philip Leslie	1925	M.	Warren, Ohio
Wright, Robert Llewellyn	1925	C.	Chicago, Ill.
Wright, Simeon Mather	1922	E.	Watertown
Wright, Theodore McAliser	1925	A.	Flushing
Wright, Walter David, jr	1923	Ag.	Webster
Wrigley, Roger	1924	A.	Huguenot Park
Wu, Chenfu Francis, B.S., A.M.	Grad		Shanghai, China
Wyckoff, Mary Elisabeth	1923	Ag.	Geneva
Wyckoff, Paul Dygert	1926	M.	Aurora
Wyman, Emily Lucile	1923	A.	Middlesex
Yale, David	1925	M.	Glens Falls
Yale, Maurice Wade	1924	Ag.	Guilford
Yang, Shao Tseng	1922	A (Chem) Grad	Shanghai, China
Yarbrough, William Burton	1922	Ag.	Plattsburg, Miss.
Yates, Richard Crawford	1924	Ag.	Buffalo
Yeatman, Charles Alfred	1923	M.	LaGrange, Ill.
Yellen, Irving	1922	A.	Buffalo
Yellen, Maurice	1922	A 1924 L	Buffalo
Yen, Louis Jen Tseng	1925	A (Chem)	Tientsin, China
Yereance, Vera Winifred	1924	A.	Rutherford, N. J.
Yerkes, May Ruth, B.A.	Grad		Romulus
Yerkes, Russell Harrison	1926	Ar.	Hatboro, Pa.
Yocum, Phelps	1925	M.	Easton, Pa.
Yoffa, Annie, A.B.	1924	MD (N.Y.C.)	Brunswick, Victoria, Australia
Yokogawa, Tokisuke, B. Arch.	Grad		Tokyo, Japan
Young, Catharine Elizabeth, A.B.	Grad		Akron, Ohio
Young, Edward Baldwin	1925	A.	Albany, Ga.
Young, Frank Levi, jr	1924	M.	Ossining
Young, George John	1923	A.	Brooklyn
Young, Gustave	1926	Ag.	Brooklyn
Young, Helen Hawthorne, A.B.	Grad		Campello, Mass.
Young, John Laurens, B.S.	1922	C.	Union, S. C.
Young, John Paul, B. S. in Arch., M.E.	Grad		Pittsburgh, Pa.
Young, Kenneth Merrill	1925	Ar.	Providence, R. I.
Young, Robert Hence, B.A.	1925	M.	Wheelerton, Tenn.
Young, Russell Ira	1925	Ag.	Randolph
Younglove, Margaret Wilhelmina	1923	Ag.	Hammondsport
Youngman, Gordon Esrey	1925	A.	Atlantic City, N. J.
Yu, Chien-Loh, B.Sc.E.E.	Grad		Shanghai, China
Yu, Henry, B.S.C.E.	Grad		Shanghai, China
Zabriskie, William Stuart	1926	Ag.	Brooklyn
Zacher, Andrew Arthur	1925	A (Chem)	Buffalo
Zadig, Ernest Arthur	1923	M.	New York City
Zahniser, Elizabeth	1924	A.	New Castle, Pa.
Zalesak, William Augustine	1924	E.	Washington, D. C.
Zapata y Torres, Miguel	1922	A.	Cabo Rojo, P. R.
Zapf, Florence Meria	1924	Ag.	Ithaca
Zaug, Dawson Frank	1924	C.	New London, Wis.
Zaug, Harold Milton	1925	M.	New London, Wis.
Zawatski, Cecelia Irene	1924	A.	Sugar Notch, Pa.
Zawatski, Mary Anna	1925	A.	Sugar Notch, Pa.
Zehner, Louis Aylesbury	1922	Ag.	Brooklyn
Zeissig, Alexander	1923	Ag.	New York City
Zellar, Veda Mary	1925	A.	Ithaca
Zerman, Abner	1925	C.	Weehawken, N. J.
Ziegler, Helen Alexander	1923	Ag.	Richmond Hill
Ziegler, Mary Alexander	1923	E.	Ithaca
Ziman, Frederick	1924	A.	Brooklyn
Zimmer, Byron Lewis	1924	M.	Rochester

Zimmer, James Henry	1925	A.	Lynbrook
Zimmerman, James Donald	1922	A.	Cortland
Zimmerman, Winifred Hazel	1924	Ag.	Cortland
Zingone, Anthony Edward	1924	M.	New York City
Zinram, Howard Murrell	1925	M.	Erie, Pa.
Zitserman, Frank Jacob, A.B.	1924	MD (N.Y.C.)	Providence, R. I.
Zoeller, Bertha Louise	1924	A.	Wilmington, N. C.
Zucker, Myron Jesse	1925	Eng.	Woodmere
Zvirin, Helen	1924	Ag.	Larchmont
Zweighthaft, James Fabian	1925	MD (N.Y.C.)	New York City

STUDENTS, SUMMER OF 1921

Students registered after the Second Term of 1920-21 and before the First Term of 1921-22. Ag indicates Third Term Agriculture; Grad, Third Term Graduate School; Grad (P), Graduate School, Personal Direction; SS, Summer Session; SSAg, Summer School of Agriculture.

Aaronson, Edith	SS SSAg	New York City
Abbiss, Helen Zilpher, Bach Music	SS	Braddock, Pa.
Abell, Max Flavel, B.S.	Grad (P)	Fayetteville
Aber, Elizabeth Smith	SSAg	Ithaca
Aber, Floyd Jay	Ag	Ithaca
Abernathy, Hortense	SS	Commerce, Texas
Aborn, Benjamin, 2nd., B.S.	SSAg	Amagansett
Acheson, Howard Archibald	SS	New York City
Acker, Joseph	SS	Poughkeepsie
Acomb, Helen McCurdy	SSAg	Dansville
Adams, Annie Alvira, A.B.	Grad SS	North Attleboro, Mass.
Adams, Berenice	SSAg	Baltimore, Md.
Adams, George Oliver	Ag	Ransomville
Adelmann, Howard B., A.B.	Grad (P)	Buffalo
Aikins, John Roberts	SS	Buena Vista, Pa.
Ainsworth, Jared LeRoy	SSAg	Whitesville
Albert, Yetta	SSAg	New York City
Albright, Mary Naomi	SS	Lisbon, Ohio
Alcus, Henry, jr.	SS	New Orleans, La.
Alden, Caroline Emma, B.S.	SSAg	Bayonne, N. J.
Aldrich, Leon Corey	SS	Norwich
Aldrich, Robert Frayer	SS	Addison
Alexander, Elizabeth W.	SS	Ithaca
Alexander, Virginia, A.M.	SS	Ithaca
All, Carroll Russell	SS	Terre Haute, Ind.
Allen, Georgia Lamb	SS	Norwich
Allen, Lucy Edna	SS	South Braintree, Mass.
Allen, Mavea Geraldine, B.S.	Grad SS	Ithaca
Allen, Robert Bernard	SS SSAg	Denver, Colo.
Allen, William McKinley	SS	Perth Amboy, N. J.
Almy, Henry Calhoun	SS	Auburn
Altschule, Sadie Edith	SSAg	New York City
Amen, Elizabeth Wheeler, A.B.	Grad SS	Exeter, N. H.
Anderson, Charles Breckinridge, B.Ped.	Grad	Orlando, Ky.
Anderson, Ethel Louise, A.M.	SS	Jamestown
Anderson, Francis Willard	SS	Passaic, N. J.
Anderson, Lester Curtis	SSAg	Hilton
Anderson, Sada Loraine, B.S.	SSAg	Ellington
Anderton, Marion Kingsley	SSAg	Pawtucket, R. I.
Andrew, Maurice Thomas, A.B.	SSAg	Amsterdam
Andrews, Elizabeth Marie	SS SSAg	Washington, D. C.
Andrews, John Paul	SS	Olean
Andrews, Phyllis Westover, B.A.	SSAg	Brooklyn
Andrews, William Alexander, A.B.	Grad SS	Woodhaven
Angerman, William George	SS	Rockville, Conn.
Anthony, Agnes Anne	SS	Elmira
Anthony, John Kaplan	SS	Cleveland, Ohio
Apgar, William Burnet, B.S.	Grad	Madison, N. J.
Applegate, Edith	SS	Hobart, Ind.
Aquino, Eustaquio G., A.M.	SS	Pamplona, Cagayan, P. I.
Armstrong, Elizabeth Helen	SSAg	Ashland, Ohio
Armstrong, Ellen, B.A.	SS	Augusta, N. J.
Armstrong, Henrietta Marie	SS	Baltimore, Md.
Armstrong, Mary Jane	SS	Lock Haven, Pa.
Arnold, P. T. Dix	SS	Bradentown, Fla.
Arnson, Harriet	SS	Niagara Falls
Arthurs, Ann Catherine, A.B.	SS	Baltimore, Md.
Artigas, Jose Antonio	SS SSAg	Mexico City, Mexico
Aschaffenburg, Eugene Albert	SS	New Orleans, La.
Ashley, Wells Hine	SS	Ashtabula, Ohio
Atherton, Bernice Margaret	SSAg	Angelica
Atkins, M. Irene	SS	Springfield, Mass.
Atkinson, Julia Parkes, A.B.	SS SSAg	Doylestown, Pa.
Atkinson, Robert Emory	SS	Chesterstown, Md.
Atkinson, Yvette	SSAg	New Brighton
Atwater, Cora Anna	SS	Elmira
Atwater, Elizabeth Tilton	SS	King Ferry

Augustus, Laura Eugertha	SS SSag	Richmond, Va.
Austen, Robert Norman	SS	Etna, Pa.
Austen, Ruby Hood, B.S.	SSag	Aspinwall, Pa.
Austin, Anna Blodwyn	SS	West Pittston, Pa.
Avery, Edward Carrington	SS	Auburn
Avery, Ralph Chase	SS	Gloversville
Bachman, Elva Myrtle	SS	Freeland, Pa.
Bacon, Avery Charles, B.S.	SS	Albion
Bacon, Francis Niles, A.B.	SS Grad	Hamilton
Badger, Eunice Louise, A.B.	SSag	Potsdam
Badger, Katharine, A.B.	SS	Ithaca
Bagley, Margaret Herbert	SS SSag	Richmond, Va.
Bailey, Elizabeth Frances	SSag	Hammondsport
Bailey, Emily Lucy	SSag	Hammondsport
Bailey, Mildred Louise	SS	South Dartmouth, Mass.
Bailey, Minnie Lee	SS	Wilkinsburg, Pa.
Bailey, Miriam Esther	SS	Brewster
Baird, Alfred Briggs, B.S.A.	Grad	Chipman, N. B., Canada
Baker, Arthur Sidney	SS	New York City
Baker, Grace Evelyn	SS	Ithaca
Baker, Naomi	SS	Washington, D. C.
Baldwin, LaVerne	SS	Cortland
Baldwin, Ruth Catherine	SS	Norwich
Baldwin, Stanley Cole	SS	Johnson City
Ball, Beulah Aileen	SS	Watertown
Ball, Ellis Robert	SS	Cattaraugus
Ballantine, Elizabeth Stuart	SS	Philadelphia, Pa.
Ballard, Charles Hitchcock	SS	Longmeadow, Mass.
Ballard, Grace Gertrude	SSag	Buffalo
Ballou, Harold	SS	Ithaca
Banks, Janet Godshalk	SS SSag	Trenton, N. J.
Banigan, Cohn Charles	SS	Utica
Barber, Hazel Estelle	SSag	Java Village
Barber, Mary Orr	SSag	Ithaca
Barber, Myrtle Groat	SS	Fort Edward
Barber, Ruth Lucille	SS	Wayland
Barkas, Benjamin William	Ag.	Brooklyn
Barkdull, Roy Edgar	SS	New Orleans, La.
Barkley, Gladys Ferguson	SS	Blairsville, Pa.
Barlow, Earl William	SS	East Cleveland, Ohio
Barlow, Sumner Hancock	SS SSag	Trenton, N. J.
Barmore, Esther Preston	SSag	Marathon
Barndt, Hester Heling	SS	Catawissa, Pa.
Barned, Louise	SSag	Ithaca
Barnes, Mary Wagner	SS SSag	Benning, D. C.
Barnes, Ruth Ellen	SS SSag	Benning, D. C.
Barney, Archie Fay, B.S.	SS Grad	Logan, Utah
Barr, David Preswick, A.B., M.D.	SS	Flushing
Barr, Herbert Howard	SS	Terre Haute, Ind.
Barrett, Irma Frances	SS	Troy
Barrett, John Francis	SS	Verbank
Barros-Barreto, Benjamin Franklin	SS	Brazil
Barry, Marie Martha, B.S.	SSag	Troy
Bartholomew, Lulu Estelle	SS	Rochester
Barton, William Harvey, B.S.	SS SSag Grad	Okmulgee, Okla.
Bartruff, Dorothy	SS SSag	Brooklyn
Bartsch, Barbara Elizabeth	SS	Shenandoah, Pa.
Bass, Sarah Abalena, B.A.	SS	Plainfield, N. J.
Bassett, Catherine Clark	SS	Washington, D. C.
Bassett, Charles Fernando	SS SSag	Castile
Bassett, Dell Clare	SS	Hempstead
Batdorf, Arabelle Elizabeth	SS	Annnville, Pa.
Bateman, Dorothy Hammond	SSag	Ithaca
Bates, Myra Lowe	SS	Arlington, Mass.
Baum, Fanny Gertrude, A.B.	SSag	Brooklyn
Baumgardner, Donald George	SS	Demster
Bayles, Frederic Francis	SS	Cincinnati, Ohio
Bayne, Thomas Livingston, jr., B.S.	Grad	New York City
Bazar, Dorothy	SSag	New York City
Beals, Harlo Peabody, B. S.	SSag	Wayland
Beaman, Blanche Galiher	SS	Brockport
Beaman, Charles Orson, B.S.	SSag	Brockport
Beaman, Mildred Farley	SS	Detroit, Mich.
Bean, Mary Elizabeth	SS	Philadelphia, Pa.
Beard, Esther	SSag	Brookton
Beardsley, Mary Mervine	SSag	New York City
Beattie, Catherine, B.S.	SS	Troy
Beatty, Laura Lacey	SSag	Baltimore, Md.
Bechtel, Helen Walker	SS	Perth Amboy, N. J.

Beck, Gertrude	SS SSag	Brooklyn
Beck, Leslie Earl	SSag	Owego
Beck, Paul Eugene, A.B.	SS	Clarion, Pa.
Becker, Edith M.	SSag	Cayuga Heights
Becker, Joseph Adam, A.B.	Grad (P)	Elmont
Bedford, John Hoge	SS	Hollis
Behrends, Frederick Gardner, B.S.	SS	Ithaca
Belding, Emily Sherman	SSag	Albany
Bell, Arthur Reginald	SSag	Ithaca
Bell, Martha Simonton	SS	Baltimore, Md.
Bell, Ruth	SS SSag	Washington, D. C.
Belser, Bertha	SS	Hershey, Pa.
Belton, Lillian Gregory	SSag	Ballston Spa
Bement, Gwynn Smith	SS	Wellsburg
Benatar, Miriam	SS	Passaic, N. J.
Benham, Dorothy Bitner	SSag	Pottstown, Pa.
Benitez-Gautier, Jose	SS	Santurce, P. R.
Benjamin, Julia	SS SSag	New York City
Bennett, Agnes Madeline	SS	Sherrill
Bennett, Lee Cotton	SS	Ithaca
Bennett, Raymond Emerson	SSag	Saugerties
Bennett, Russell Thompson	SS	Buffalo
Benson, Ellatine Barbara	SS SSag	Washington, D. C.
Benson, Mabel Anna	SS	Bridgeport, Conn.
Benson, Martha Phila	SSag	Massena
Bentley, Herbert Frederick, B. of M. T.	SSag	Wellsville
Bentley, Thomas	SS	Horseheads
Bercow, Celia	SS	Brooklyn
Bergen, Paul Edward	SS	Northampton, Mass.
Berger, Dora	SSag	New York City
Berger, George	SS	New York City
Bergler, Anna	SSag	Rockville Center
Bergler, Etta	SSag	Rockville Center
Bergstreet, Ester	SS	New York City
Berry, Alden Wright	SS SSag	Stamford, Conn.
Berry, John Michael	SS	Lexington, Ky.
Berry, Mabel Frances Ellis	SS	LaFayette
Berry, Olive Lee	SSag	Ithaca
Bershansky, Ida	SS	Honey Grove, Texas
Bert, Wilma Gene	SS	Cicero, Ind.
Bessom, Ruth Isabelle, A.B.	SS	East Lynn, Mass.
Betts, Gertrude Mary	SS	Cincinnati, Ohio
Betts, James Hill	SS	Kingston
Beutler, Annie Louise, Pd.B.	SSag	Albany
Bezer, Charles Arthur	SS	Brooklyn
Bickley, George	SS	Philadelphia, Pa.
Bieber, Mildred Helen	SSag	New York City
Bierschenk, Henrietta Madeline	SSag	Brooklyn
Biggs, Sheridan Chapman	SS	Baltimore, Md.
Billingham, Ira Elliott	SS	Clinton
Binenkorb, Aaron Louis	SS	Middletown
Binns, Frank, B.S.	SSag	Folsom, N. J.
Birnbaum, Lillian	SSag	Brooklyn
Bishop, Morris Gilbert, A.M.	SS Grad (P)	Ithaca
Bisset, George Walker	SS	Waterbury, Conn.
Bittenbender, Lillian Eliza	SS	Allentown, Pa.
Bivin, Cora	SS	Kirkmansville, Ky.
Blackwell, Mabel Madeline	SSag	Brooklyn
Blake, Carroll, jr.	SS	Brooklyn
Blanchard, Edith Isabel, A.B.	SSag	Cortland
Blanchard, Glenn Albert	SSag	Cortland
Blanchard, Iva May	SSag	Cortland
Blanding, Ellen Shannon	SS	Lexington, Ky.
Blank, Sophia	SSag	Brooklyn
Blankley, Clifton Tayleure	SS	Chicago, Ill.
Blanthin, Irma Blanche	SS	Syracuse
Blau, Elsie	SS	Newark, N. J.
Bleiman, Gladys Katherine, M.A.	SS SSag	New York City
Blount, Alma, Ph.D.	SS	Ypsilanti, Mich.
Blue, John Allan	SS	Buffalo
Boasberg, Emily Claire	SS	Buffalo
Boette, Marie Dorothea	SS	Parkersburg, W. Va.
Boggs, Robert William	SS	Rockville Centre
Bohn, William Christian	SS	Ithaca
Bohne, Florence, B.S.	SSag	Northport
Bolan, Harold Edward	SSag	Waterbury, Conn.
Bolinas, Rafael Limpo	SS	Manila, P. I.
Bolton, William Worden	SS	Oil City, Pa.
Bool, Helen Grace	SSag	Ithaca
Boorem, Gladys Marian, A.B.	SS	Lehighton, Pa.

Booth, Edna, A.B.	SS SSAg	New York City
Boots, Sylvia Isabel, Litt.B.	SS Grad	Grove City, Pa.
Bortz, Flora Olive	SS	Greensburg, Pa.
Bosley, Walter Joseph	SSAg	Elmira
Boson, Nils	SS	Fargo, N. D.
Bott, Clarence Comstock	SS	Clinton
Bottomley, Myrl Elijah, B.S.	Grad	Charlotte, Mich.
Botts, Katharine Hale	SS	Brooklyn
Boughner, Munro	SS	Hazleton, Pa.
Bowen, Carl Hulbert	SS	Medina
Bowen, Clara Kerr	SS	Glenolden, Pa.
Bowen, George Washington	SS	Cleveland, Ohio
Bowen, M. Emma	SS	Washington, D. C.
Bower, Edmund Rockwell	SS	Elmira
Bower, Ellen Lucy	SS	Trumansburg
Bower, Theresa Marie	SSAg	Trumansburg
Bowman, Olin William	SS	Chenango Falls
Bowman, Robert Westlake, A.B.	SSAg	Watertown
Boyd, Harold Elmer	SS	Pittsburgh, Pa.
Boyd, Morrison Comegys, A.M., Mus.Bach.	SS	Philadelphia, Pa.
Boyle, Cecile Vertiles	SSAg	Hazleton, Pa.
Boynton, Alice A., B.S.	SS Grad	Cuba
Bradford, Margaret Taylor, B.A.	SS SSAg	New York City
Bradley, Everett Powell	SS	Mt. Holly, N. J.
Bradley, Robert Claud, A.B., B.S.	Grad	Huntsville, Mo.
Brainard, Charles Green	SS SSAg	Waterville
Branch, Edwin Albro	SS SSAg	Brooklyn
Brand, Robert Franklin	SS	Ithaca
Brandes, George Henry, B. Chem.	Grad (P)	Oswego
Breckenridge, Robert Edward	SS	Lima, Ohio
Bredbenner, Edgar Elias	SSAg	Ithaca
Breese, John Ambrose	SS	Delphos, Ohio
Bremer, George Henry	SS	New York City
Brennan, Blanche	SS	Syracuse
Bresel, Lillian K.	SSAg	New York City
Brew, James D., M.S.	SSAg	Ithaca
Brewer, Laura A.	SS	Ithaca
Bridges, Mary Elizabeth	SS SSAg	Raleigh, N. C.
Bridgman, Robert Rice	SS	Hamburg
Briganti, Emma Marie, B.A.	SS	Brooklyn
Briggs, Bessie Ida	SS	Lima
Brill, Marion	SS	Jamesburg, N. J.
Brinberg, Jessie	SS	New York City
Brindle, Dorothy	SS	Waynesboro, Pa.
Brinkerhoff, Augusta	SS	Mansfield, Ohio
Brinkerhoff, George John	SSAg	Newburgh
Briton, Anna Edith	SSAg	Brooklyn
Britt, Charles Jerome	SS	Abington, Pa.
Britt, Robert Emery	SSAg	Brockport
Brittain, Harry Luck	SS	Baltimore, Md.
Brittain, Knox	SS	Downsville
Brittain, William Harold, B.S.A., M.S.	Grad (P)	Truro, N. S., Canada
Britton, Edith Rosaline	SS	Buffalo
Britton, Ina, A.B.	SS	Friendship
Broadbooks, Florence Thelma	Ag	Attica
Bromer, Edward Harold	SS	Schwenckville, Pa.
Brooks, Carolyn Mary	SS	Ithaca
Brooks, Frances	SS	Pontiac, Mich.
Brooks, Jay Tracy	SS	Hallstead, Pa.
Brooks, Marjorie Cadle	SS	Warren, Ohio
Brooks, William Redfield	SSAg	Rochester
Brown, Gremer Francis	SS	Cleveland, Ohio
Brown, Donald Winslow	SS	Punxsutawney, Pa.
Brown, Dorothy Gladys	SS	Massillon, Ohio
Brown, Edith Rhoda	SS	Ithaca
Brown, Edwin Hobart	SS	Wayne, Pa.
Brown, Fayette Edwin	SS	Iron Mountain, Mich.
Brown, Gertrude	SS SSAg	New York City
Brown, Gladys Mae	SS	Ithaca
Brown, Lillian	SS	Brooklyn
Brown, Lynn Eugene, B.S.	SS Grad	Cortland
Brown, Mabel Emma	SSAg	Boonville
Brown, Mann Quarles	SS	Richmond, Va.
Brown, Mary Gillingham	SS	Lambertville, N. J.
Brown, Mildred Annette	SS	Prattburg
Brown, Mildred Helene, Ph.B.	SS	Berkshire
Brown, Mildred Leah, B.O.E.	SSAg SS Grad	Saranac Lake
Brown, Rosa Lee	SSAg	Clifton Springs
Brown, Virginia	SS	Winchester, N. H.
Browne, Elizabeth Hope, B.S.	SSAg	Pawtucket, R. I.

Brownell, Grace Alvira, B.A.	SSAg SS Grad	Mattapoisett, Mass.
Bruce, Mary Rebekah	SS SSAg	Columbus, Ohio
Bruce, William French, B.S.A.	SSAg SS Grad	Columbus, Ohio
Brucker, Matthew Michael	SSAg	Schenectady
Bruckner, Mabel Amelia	SSAg	Hastings-on-Hudson
Brumbaugh, Charles Howard	SS	Orange, N. J.
Brundage, Owen Kay	SS SSAg	Hammondsport
Bruning, Christian Richard, jr.	SS	Newport News, Va.
Bryan, William James	SS	Port Jervis
Bryant, Millard Clyde	Ag	Suffolk, Va.
Brykezynski, Charles Stanley	SS	Brooklyn
Buchele, Hubert Martin	SS	St. Joseph, Mo.
Buckheit, Helen Ernestine	SSAg	Buffalo
Buckheit, Marguerite	SSAg	Buffalo
Buckley, Marjorie Mary	SS	New York City
Buckman, Lewis Fowler	SS	Swarthmore, Pa.
Buckner, Florence Lear	SS	Dublin, Pa.
Buford, John Eyell	Ag	Langston, Okla.
Bull, Arthur Walker, B.Chem.	Grad (P)	Keesville
Bull, Dorothy Ruthena	SS SSAg	Middletown
Bull, William Earle	SS	Binghamton
Bunger, Anna Gertrude, A.B.	SSAg SS Grad	Ferndale
Bunnett, Wayne Cecil	SS	Laceyville, Pa.
Burke, James Harry	SS	Hartford, Conn.
Burke, John Graham	SSAg	Green Island
Burke, Julia Hannah	SSAg	Rochester
Burke, Ruth Sheridan	SS	South Bend, Ind.
Burke, Stephen Francis	SSAg	Green Island
Burlingame, Doris Zervia	SS	Woodcliff, N. J.
Burnaford, Helen Amelie	SS	Nanticoke, Pa.
Burnet, Mary Coleman	SSAg	Cincinnati, Ohio
Burnett, Newton Osborn	SS	Morristown, N. J.
Burnham, Mignon Elizabeth, A.B.	SS	Little York
Burns, Francis Joseph	SS	Clinton
Burns, Gertrude Elizabeth	SS	Hilliards, Pa.
Burpeau, William Purdy	SS	Yonkers
Burroughs, Ambrose Matson, B.S.	Grad	Albion
Burt, Dorothy Harriette	SS	Blodgett's Mills
Burton, Benjamin	SS	Philadelphia, Pa.
Burton, Gabrielle Terrell	SS	Norfolk, Va.
Busch, Eugene Francis	SS	Cincinnati, Ohio
Bush, Anne Veronica, B.A.	SS	Ballston Spa
Bush, Maude Bower	SS	Canisteo
Butler, Bryant Ormond	Ag	Catonsville, Md.
Butler, Floyd David	SSAg	Canandaigua
Butler, Miriam	SS	Glen Mills, Pa.
Butling, Albina	SSAg	Brooklyn
Button, John Lang	SS	Ithaca
Buttrick, Charles Edgar	SS	Brooklyn
Butts, Harriet Camille	SS	Ithaca
Byus, John Levenus, M.S.	Grad (P)	Sodus Point
Byers, Ella Louise	SS	Grafton, W. Va.
Byrne, Edward Munson	SS	Washington, D. C.
Byrne, Loretta Petronilla, A.B.	SS	Pittsburgh, Pa.
Byrnes, Marion Tennent	SS	Flushing
Cadden, Catherine Bernadette	SSAg SS	Scranton, Pa.
Cadigan, Edward Maurice	SS	Mt. Vernon
Caine, William Artman	SS	Wadsworth, Ohio
Caldwell, Grace	SS	St. Louis, Mo.
Caldwell, Ruth Ethel	SSAg	Highland
Call, Audrey Mae	SS	Athol, Mass.
Callan, Percival Louis	SS	Buffalo
Callaway, Hyla Edith	SS	Huntington, W. Va.
Calloway, Robert Woodward	SS	Baltimore, Md.
Calvert, George Chalfant	SS	Elyria, Ohio
Camden, Stella DuPriest	SS SSAg	Lynchburg, Va.
Cameron, Charles Frederick, B.A., B.C.E.	SS	Winnipeg, Man., Canada
Campbell, Arthur Talbot	SS	Seattle, Wash.
Campbell, Etha Margaret	SSAg	Mt. Vernon
Campbell, Ethel Mary	SS	Waddington
Campbell, Florence Leslie	SSAg	Brooklyn
Campbell, Georgena Leora	SS	McKees Rocks, Pa.
Campbell, James Martin	SS	Ithaca
Canary, Allena Gertrude, A.B.	SSAg	New York City
Canfield, Bessie Mary	SS	Honesdale, Pa.
Card, Leslie Ellsworth, B.S.	Grad	Troy, Pa.
Carlos, Meneleo Gochico, B.A.	SS	Manilla, P. I.
Carlson, Fred Albert, B.S.	Grad (P)	Pittsfield, Mass.
Carlton, William Blake	SS	Murfreesboro, Tenn.

Carmack, Ruth E.	SS	Phoenixville, Pa.
Carmichael, Atossa Ruth, A.B.	SS	Ithaca
Carmichael, Eliza	SS	Youngstown, Ohio
Carmichael, Mary	SS	Youngstown, Ohio
Carney, Colwell Joseph	SS	Newburgh
Carothers, Margaret Elizabeth	SS SSag	Carlisle, Pa.
Carpenter, Clifford Miles	Ag	Chittenango
Carpenter, Earl Keays	SS	Jamestown
Carpizo, Joseph Trinity	SS	New York City
Carrier, Egbert Wendell	SS	Phoenix
Carroll, Edith Elizabeth, A.B.	SS	Burlington, N. C.
Carroll, Ella Rea, A.B.	SS	Burlington, N. C.
Carroll, Philip Francis, A.B.	SS	Rosebank
Carscadin, Frances Louise	SS	Trenton, Mo.
Carson, Florence Elizabeth	SS	Chicago, Ill.
Carter, Hugh Brazelton, jr.	SS	Oklahoma City, Okla.
Cartwright, Marion Elizabeth	SS	Allentown, Pa.
Caruso, Santo Corrado	SS	Brooklyn
Cascio, Peter Joseph, B.S.	SS	Willimantic, Conn.
Casey, Francis Lawton	SS	Batavia
Cass, Earle Millard	SSAg	New Haven
Cassavant, Theodore Wallace	SS	Albany
Cassela, Roland Beath.	SS	Philadelphia, Pa.
Caulkins, Alice	SSAg	Clifton Springs
Cavanaugh, Catherine	SSAg	Canton, Ohio
Caylor, John Sherman	SS	Arcadia, Ind.
Chaloner, Reginald Gardner	SS	Stephentown
Chamberlain, Carl Gregory	SSAg	Rochester
Chamberlain, Pierce Annesley, jr.	SS	Verona, N. J.
Chamberlin, Mildred Louise	SS SSag	Rochester
Chambers, Lynton Harrison	SS	Des Moines, Iowa
Chambers, Robert Joseph Shean	SS	Manhasset
Champlin, Pearl Edith, B.S.	Grad SSag	Oneida
Champney, Gordon William	SSAg	Newark Valley
Chandler, Carroll Wesley	Ag	Moravia
Chao, Shen Chu	SS	Yuhhsian, Honan, China
Chapman, Mernette Louisa	SS	Ovid
Charron, James	SS	Ithaca
Charron, Philip Joseph	SS	Ithaca
Chase, Elyn Francis	SS	Oaklyn, N. J.
Chase, Mary Louise, A.M.	SSAg	Lincoln Park, N. J.
Chau, Shau	SS	Canton, China
Chen, Seu Tu	SS	Canton, China
Chenault, Anderson Hume	SS	Richmond, Va.
Cheney, George Walkley, B.S.	SSAg	Yonkers
Chen, Pu Ching	Ag	Foochow, China
Cheng, Wan Chung	SS	Hongkong, China
Cheston, Harold Clifford	SS	Yonkers
Chew, Georgie	SS	Clayton, N. J.
Chieng, Kwai, B.S., C.E.	SS	Shanghai, China
Chow, Tso Jen, M.A.	SS	Whe-an, Kiangsu, China
Christensen, Olga Sophia Hilga	SSAg	Ithaca
Christenson, Lillian Frances	SS	Erie, Pa.
Christie, Adelaide Esther	SS	Bradford, Pa.
Chu, Tsung Pang, B.A.	SS	Mukden, China
Chuang, Chai Hsuan, M.A.	SS	Soochow, China
Church, Elsie Sterling, A.B.	SSAg	Ithaca
Clair, Albert Henry	SSAg	Rochester
Clamens, Pierre Antoine	SS	Savannah, Ga.
Clancy, Nellie Johanna	SSAg	Salamanca
Clark, Arthur Lincoln, B.S.	Grad	Jamaica Plains, Mass.
Clark, Charles Willis, B.S.	SSAg	Schenectady
Clark, Dorothea	SS SSag	Springfield, Mass.
Clark, Dorothy Miller	SSAg	Ithaca
Clark, Francis Glasgow	SS	Norfolk, Va.
Clark, Hattie Pauline	SS	Brockport
Clark, John Griffith, B.S.	SS	Ithaca
Clark, Kathryn A.	SSAg	Fillmore
Clark, Lucy Goodrich	AAAg	Ithaca
Clark, Mabelle Davis	SS	Atlantic City, N. J.
Clark, Marie Frances	SSAg	Brockport
Clark, Philip Colegrove	SS	New Brighton
Clark, Robert Joseph	Ag	Tully
Clarke, Adeline L.	SSAg	Larchmont
Clarke, Joseph Sherwood	SS	New York City
Clarkson, John Palmer	SS	River Forest, Ill.
Clarkson, Oliver Lindsay	SS SSag	Edgewater Park, N. J.
Cline, Sarah Yancey, B.S.	SS SSag	Little Rock, Ark.
Clines, Anna Beatrice, A.B.	SS	Ithaca
Close, Mary Tabitha	SSAg	King Ferry

Clum, Harold Haydn, A.B.	Grad.	Cleveland Heights, Ohio
Clynes, Edmund	SS	Ithaca
Coad, Cecilia, B.S.	SSAg	Ithaca
Coan, Abraham Moses, B.S.	SSAg	Ithaca
Coblens, Monroe	SS	Brooklyn
Coblentz, Julia Martha	SS	Dayton, Ohio
Cohrin, Harry Aaron	SS	New York City
Cochran, Evart Leroy	SSAg	Wellsville
Cochran, Vesta Scott	SSAg	Wellsville
Cocks, Ralph James, B.S.	SS	Kingston
Coffey, Susie May	SS	Pittsfield, Mass.
Coggin, James Kirk, B.S.	Grad	New London, N. C.
Cohen, Adelaide Flora, B.S.	SS SSAg	Brooklyn
Cohen, Dinah Ernestine	SS SSAg	New York City
Cohen, Fannie	SSAg	New York City
Cohen, Ida Mindel	SS	Olean
Cohen, Jeanette	SSAg	Brooklyn
Cohen, Jennie	SSAg	New York City
Cohen, Katharine	Ag	Merriewold
Cohen, Nathalie Vera	SS SSAg	Paterson, N. J.
Cohen, Samuel Meyer	SS	Bridgeport, Conn.
Colburn, Lois Electa	SSAg	Ellington
Colburn, Merle Henry	SSAg	Ellington
Colcord, Marian Leota, A.B.	Grad SS	Coudersport, Pa.
Cole, Edwin Asbury, jr.	SS	Housatonic, Mass.
Cole, James Thurston	SS	Ithaca
Cole, Lois Medora	SS	Ballston Spa
Coleman, Grace Decker, B.A., M.A.	SS	Cedar Spring, S. C.
Coleman, Mary Virginia, A.B.	Grad SS	Murray, Ky.
Coleman, Sheldon Robert	SS	Wichita, Kans.
Collins, Edwin Lansdale	SS	Bainbridge
Collins, Elsie Louise	SS	Earlville
Colman, William Truman	SS	Dunkirk
Colston, Alden, B.S.	Grad SSAg	Binghamton
Colston, Lloyd	SS	Binghamton
Colucci, Frederic William	SS	Newark, N. J.
Colwell, Rachel Hartshorne, M.A.	SS SSAg	Morgantown, W. Va.
Compton, Dorothy May	SSAg	Bridgeton, N. J.
Comstock, Oliver Dixon	SS	Brooklyn
Condie, Douglas King	SS	Ferguson, Mo.
Conger, Daniel Bennett	SS	Waterville
Conklin, Cecile Laura, B.S.	SS	Hillsdale
Conkling, Elizabeth Cornelia	SS	Long Branch, N. J.
Conley, William Murray	SSAg	Union Springs
Connell, Kathryn E.	SSAg	Syracuse
Connelly, Florence Marie	SSAg	Elmira
Conner, Florence Marie	SS	East Stroudsburg, Pa.
Connor, Dorothy Enid	SS	Trumansburg
Connors, Raymond Clement	SSAg	Elmira
Cook, Harold Earl	SSAg	Owego
Cook, Hazel Marjorie	SS	Brooklyn
Cook, Isabelle Alice	SSAg	Philadelphia, Pa.
Cook, Junius Ford	SS	Whitney Point
Cook, Murray Joseph	SS	Ashtabula, Ohio
Cooke, May Thacher, B.A.	SSAg	Washington, D. C.
Cooke, Oscar Herbert	Ag	Lyons Falls
Cookingham, Waldo Beale, B.S.	Grad SSAg	Concord, N. H.
Coolidge, Clarissa Ina, B.S.	SS Grad SSAg	Laurens
Cooley, Charles Ransom	Ag	Oberlin, Ohio
Cooley, Elizabeth Content	SSAg	Bozeman, Mont.
Coons, Olive Bernice	SS	Pittsfield, Mass.
Cooper, Charles Bryant, jr.	SS SSAg	Honolulu, Hawaii
Cooper, Eleanor Stewart, A.B.	SS SSAg	Lansdowne, Pa.
Cooper, Herbert Press, M.S.	Grad	State College, Pa.
Cooper, Jessie Dean	SS	Centreville, Ala.
Cooper, Stewart Rochester, B.S.	SS Grad	Washington, D. C.
Cooper, Waller Raymond, A.M., L.L.B.	SS	Clarksville, Tenn.
Cooper, William Miller	SS	New York City
Corbin, Harriett Louise	SS	Dryden
Corcoran, William Bryan	SS	Montclair, N. J.
Corey, Edward Lyman	SS	Barberton, Ohio
Corey, Robert Brainard, B. Chem.	Grad (P)	Barberton, Ohio
Corey, Russell Edwin	SS	Port Byron
Cornelius, Grace Edna, A.B.	SS	Ambridge, Pa.
Cornell, Ferris Dewey, B.S.	Grad SSAg	Binghamton
Cornell, George Dean	SS SSAg	Campbell
Corney, Blair Shipman	SS	New York City
Cornwall, Esther	Ag SSAg	South Wales
Cornwall, Laurence	SS	Rye
Cory, Olive Leavitt	SS	Hardin, Mont.

STUDENTS IN SUMMER SESSION

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Cottrell, Edwin Harrison	SS	East Orange, N. J.
Cottrell, Lillian, A.B.	SS	Irving, Kans.
Courtney, John	SS	Ithaca
Courtright, Alva Vattier	SS	Circleville, Ohio
Cox, Elbert Frank, A.B.	SS SSAg	Evansville, Ind.
Coyle, Wilfred James	SSAg	Scio
Craft, Russell LaFayette	SS	Herrick Center, Pa.
Craig, Mary	SS	Dallas, Texas
Craley, C. Henrietta	SS	Red Lion, Pa.
Cramblet, Samuel Titus	SSAg	Plattsburgh
Cramer, Edna Bernice	SS	Akron, Ohio
Crance, Edna Almyra	SS	Ithaca
Crandall, Asbury Hornaday	SS	Buffalo
Crandall, Francis Wallace	SS	Tell City, Ind.
Crandell, Sara Frances	SS SSAg	Philmont
Crane, Roderic Baird	SS	Omaha, Neb.
Crawford, Doris	SS	Ithaca
Crawford, Frances Helen	SSAg	Bradford, Pa.
Crawford, William	SS	Schenectady
Crawford, William Rush	SSAg	Ithaca
Crellin, Elizabeth Evelyn	SSAg	Scranton, Pa.
Crichton, Robert Ross	SS	Bremerton, Wash.
Crocker, Helen Barney, B.A.	SS	Wareham, Mass.
Croft, Edna Adelia	SSAg	Westfield
Cromis, Marie	SS	Washingtonville, Pa.
Cronin, Mary Theodora	SSAg	Minerva
Cross, Edward Hough	Ag	Gainesville
Crowell, Wilhelmina Bayer	SS	Brooklyn
Crowley, Forrest G.	SS	Columbus, Ohio
Crowne, Irving Henry	SS	New York City
Crum, Emma Amanda	SS	Long Island City
Crum, Verona Sophia	SSAg	Ithaca
Crusel, Cornelius Campbell	SS	New Orleans, La.
Cruz, Carlos	SS	Guatemala, C. A.
Cuddeback, Thomas Joel	SSAg	Elmira
Cuffe, Edward Youll	SS	Toronto, Ont., Canada
Cullen, Eugenie Katherine	SS	Pittsburgh, Pa.
Culley, Paul Gamber, A.B.	Grad SS	Ithaca
Culligan, Janice Irene	SS	Spragueville
Cully, Lucille Margaret	SS	Hebron, Ohio
Culver, Joseph Irwin	SS	New York City
Cummings, Julia Hancock	SS	Bridgeton, N. J.
Cummings, Nellie Frances, A.B.	SS SSAg	Boonville
Cunningham, Beulah Bernice	SSAg	Malone
Cunningham, Emma Belle	SS	Mt. Pleasant, Pa.
Curnalia, Launette	SSAg	Norwich
Currey, Alida Gale	SSAg	Peekskill
Currie, Edith Winkley	SS	Cambridge, Mass.
Curry, Nellie Baldwin, B.A.	SS SSAg	Newport, R. I.
Curtis, Howard Joseph, B.S.	SSAg	Cobleskill
Cushman, Robert Alden, M.E.	SS	Ithaca
Cutler, Helen Eaton, A.B.	SS SSAg	New York City
Dackerman, Priscilla	SS	Delaware, Ohio
Dadisman, Andrew Jackson, B.S.A.	Grad	Grafton, W. Va.
Daily, Alice Jewell Hale	SSAg	Kennett Square, Pa.
Daily, Beatrice Mary	SS	Trumansburg
Dale, Alice Franklin	SS	Springfield, Mass.
Dalton, Arthur Roy	SSAg	Depew
Dalton, John	SS	Schenectady
Dalton, Mary Jane	SS	Bath
Daly, Helen Ursula	SS	Bayonne, N. J.
Daly, Margaret Mary, B.M.	SS	Binghamton
D'Ambrosi, Faust J.	SS	Ithaca
Damon, Henry Gilroy	SS	Lansdowne, Pa.
Dangler, Allen Eugene	SS	Cleveland, Ohio
Daniels, Francis Wallin	SS	Ithaca
Daniky, Anne Bernice	SS SSAg	Rochester
Dann, Hollis Hanford, B.Chem., M.A.	SS	Ithaca
Dantzscher, Walter Frederick	SS	Brooklyn
Darling, Elliott Winchester	SS	Norfolk, Va.
Darlington, Emma Row	SSAg	Mt. Penn, Pa.
Darmstadter, Charlotte A.	SS SSAg	Buffalo
Darst, Edward Gilmer, B.A.	SSAg SS Grad	Dublin, Va.
Davidson, Allan Park, B.S.A.	SSAg SS Grad	Manhattan, Kans.
Davidson, Laura Lee	SS	Baltimore, Md.
Davies, Horace Franklin	SS	Roselle, N. J.
Davies, Jane Wellington	SS	Detroit, Mich.
Davila, Alfredo	SS	Bogota, Colombia
Davila, Rafael Miguel	SS SSAg	Brooklyn

Davis, Ann Carolyn	SS	Wellsboro, Pa.
Davis, Fred Read	SS	Buffalo
Davis, James Vaughn	SS	Deerfield
Davis, Jessica	SS	Far Rockaway
Davis, Miriam Jamesena	SS SSAg	Rochester
Davison, Alice	SSAg	Lynbrook
Davison, Lester	SS	St. Joseph, Mo.
Davison, Lyman Warren, A.B.	SS	Brooklyn
Dawson, Fanny Pearle, A.B.	SS SSAg	Elon College, N. C.
Dawson, James Emmett	SSAg	Andover
Dawson, Martha Artelia, Ph.B.	SS	Elon College, N. C.
Dawson, Robert Llewellyn	SS SSAg	Johnstown
Day, Hazel Elizabeth	SS	Buffalo
Day, Lawrence William	SS	Rochester
Dayton, Ella Harriet	SSAg	Remsen
Dealing, Mabel Jeanette, Mus.B.	SS SSAg	Watertown
Dealing, Mary Lucille, Mus.B.	SS	Watertown
Dean, Elmer, jr.	SS	Elmira
Dean, Eva Louise, A.B.	SS SSAg	Wendell, N. C.
Dean, Sophronia Margaret	SS	Trumansburg
Dearth, Otto Art, B.S.	Grad (P)	Summerfield, Ohio
DeBaun, Roger Watson	SS	Ithaca
Deck, Clara Mae, A.B.	Grad SS	West Leesport, Pa.
Decker, Ruth Alma	SS	Bloomfield, N. J.
Deeths, Anna Reece	SS	Hazleton, Pa.
de Forest, Mulford David, A.B., B. S.	Grad	Schenectady
DeHart, Gladys Viola	SS	Canaan, Conn.
DeHart, Jessie May, B.A.	SSAg	Bloomfield, N. J.
Deibert, Olin, A.M.	SS	Florence, Colo.
Demerec, Milislav	Grad	Gospic, Jugo-Slavia
Dempsey, Estelle Carmichael	SS	Washington, Pa.
Dengler, Frank George	SS	Lyons
Dennis, Gerald Monroe	SS	Chicago, Ill.
Derham, Enos Joseph	SS	Rosemont, Pa.
DeSelm, Stella Clansing	SS	Columbus, Ohio
Desmond, Anna Frances	SSAg	New York City
Deuel, Norman Vincent	SSAg	Ithaca
Deutsch, Ethel Elinor	SSAg	New York City
Devine, Georgia Plummer	SSAg	New York City
Devine, Richard Henry	SSAg	Albany
Devy, Florence Angela	SS	New York City
DeWolf, Corinne Mildred	SSAg	Batavia
Diamond, Walter James	SS	Wilkinsburg, Pa.
Dickerson, Fern Algetta, A.M.	SSAg	Manlius
Dickinson, Alzina Sarah, A.B.	SSAg	Venice Center
Dickinson, John LeRoy, jr., B.S.	SSAg	Hudson Falls
Dietrich, Bertha Klingler, B.S., M.A.	SSAg	Brooklyn
Dietrick, Joseph Elizabeth	SS	Philadelphia, Pa.
Dietze, Charlotte Amy, B.A.	Grad	New Orleans, La.
Dikeman, Pauline Louise	SSAg	Forestville
Dikeman, Raymond Charles, B.A.	Grad	Forestville
Dingle, Della Sara	SS SSAg	Burlington, Ont., Canada
Dippold, Verda Catherine, Mus.B.	SS	Syracuse
Disay, Eugenie Marie	SS	Pittsburgh, Pa.
Disbrow, Mary Spicer	SSAg	Brooklyn
Dodds, Myrtle Stigler, P.M.	SSAg	Jackson, Miss.
Dodge, Stephen Webster	SS	Brooklyn
Dodge, Wilson Shannon	SS	Cleveland, Ohio
Doherty, Avis Margaret	SSAg	New York City
Doherty, Josephine Maria	SSAg	Brooklyn
Donaldson, Lewis Henry	SS	Norwich
Donaldson, Stuart Shaw	SS	Toledo, Ohio
Donavanik, Visuddhi Leek	SSAg	Hanover, N. H.
Dong, Nyok Zoe, A.B.	SS	Shanghai, China
Donna, Katherine Magdalen	SS	Cheshire, Mass.
Donohoe, James Harold	SSAg	Retsof
Donovan, Elizabeth Aloysius	SSAg	Troy
Doran, Robert Edwin	SS	Sonola
Doremus, Alberta Ripley, A.B.	SS	Newark, N. J.
Dorfman, Beatrice	SS	New York City
Dorn, Willis Lee	SS SSAg	Candor
Dorsey, Besse M.	SS	Wheeling, W. Va.
Dorsey, Ernest, B.S.	Grad	Dresden, Ohio
Dorsey, Gladys Frances	SS SSAg	Trumansburg
Dorsey, Jerry Spires	SS	Hico, Texas
Douglas, Helen Aileen	SSAg	Black River
Douglas, James	SS	Utica
Downing, Thomas Victor, B.S.A.	Grad SSAg	Nassawadox, Va.
Downs, Mildred Allison	SSAg	East Quogue
Doyle, Anna Helena	SSAg	Homer

Doyle, Horace Mills B.S.	Grad SSag.	Wooster, Ohio
Dredla, Frank James	SS	Crete, Nebr.
Dresser, Elsie Jane	SS	Hartford, Conn.
Drexel, Rhea Evelyn	SS	Reading, Pa.
Driscoll, Edward Jerome	SS	Ithaca
Driscoll, Raymond Patrick	SS	Ithaca
Drut, Henrietta	SSAg.	New York City
Dubin, Jenny	SS SSag.	Brooklyn
Dubin, Rose	SSAg.	Brooklyn
Duboe, Carlos Hector	SS	La Plata, Argentina
DuBois, Kenneth Bervoort	SSAg.	Albany
Duchesne, Eleanor Russell	SS SSag.	Buffalo
Duff, Anne	SS	Belle Vernon, Pa.
Duff, Robert Alfred	SS	Enon Valley, Pa.
Dufford, Clair, B.S.	Grad.	Butler, Pa.
Duffy, Elizabeth Mary	SS SSag.	Deansboro
Duke, Florence Burnley	SS SSag.	Philadelphia, Pa.
Duke, Florence Thornton	SSAg.	Wellsville
Dun, John Graham	SS	Dayton, Ohio
Dunn, Margaret Frances	SS	Minersville, Pa.
Dunst, Elizabeth	SS SSag.	New York City
Durfee, Isabel	SS	Kankakee, Ill.
Dworkin, Anna Selina	SS SSag.	New York City
Dye, Florence	SS	St. Louis, Mo.
Eames, Angie Virginia, B.A.	SS	Wellesley, Mass.
Earll, Lottie Irene, A.B., S.T.B.	SSAg.	Ithaca
Eastman, Marjorie, B.S.	SSAg.	Belleville
Eaton, Wyndham Kenneth	SS	Buffalo
Eckmann, Alice Beatrice, A.B.	SSAg.	Yakima, Wash.
Eddy, Allerton	SS	Canaan, Conn.
Eddy, Laurence Wilson	SS	Bridgeport, Conn.
Edinburgh, Rose	SSAg.	New York City
Edwards, Francis James	SSAg.	Addison
Edwards, Mabel Elizabeth, B.A., Mus.B.	SS	Philadelphia, Pa.
Eidt, George Dewey	SS	New York City
Eighmey, Leah Williams	SSAg.	Cohoes
Eisenberg, Jerome C., B.S.	SSAg.	Schenectady
Elder, Sara Louella	SS	Youngstown, Ohio
Elliot, Elizabeth Margaret	SSAg.	Yonkers
Elliott, Martha	SS	New York City
Ellis, Carlos Bent, jr.	SS	Springfield, Mass.
Ellsworth, Frank Harold	SS	Pittsfield, Mass.
Elmhirst, Leonard Knight, M.A.	SSAg.	Barnsley, England
Engelken, Anna Carolyn, B.S.Ed.	SS SSag Grad.	Brooklyn
English, Leah, B.S.	SS Grad.	Ithaca
Esmond, Alice Love	SS	Saratoga Springs
Espey, Anna Louise	SS	Washington, D. C.
Espey, Emolyn Carpenter	SS	Washington, D. C.
Esquivel, Prudencio Firas, B.S.C.E.	Grad (P)	Jaen, Nueva Ecija, P. I.
Estes, Bertha Louise	SS	Ithaca
Eustance, Harry Winfield	SS	Batavia
Evans, Benjamin Davison	SS	Cincinnati, Ohio
Evans, Gertrude	SSAg.	Franklin, Mass.
Evans, Gwendolin Harriet	SS	New York City
Evans, Haydn Roth	SS	Cincinnati, Ohio
Evans, Myra Thornburg, A.B.	SSAg.	Ithaca
Evans, Thomas Harland	SSAg.	Canandaigua
Evans, Virgie Catherine	SS	Wilkes-Barre, Pa.
Everts, Edgar Wendell	SSAg.	Corning
Ewald, Walter August Julius	Ag.	Utica
Ewing, Louise Fleming	SS	Greensburg, Ind.
Exiner, Miriam Isabel	SSAg.	Brooklyn
Ey, Lily	SSAg.	Woodside
Eyster, Lewis Arthur, A.B.	Grad.	Fishers Ferry, Pa.
Faber, Addie Guldise	SSAg.	Ithaca
Faber, Donald Criston	SS	Cleveland, Ohio.
Fabianski, Edward Sydney	SS	Buffalo
Fagan, Mildred Elaine	SSAg.	Rochester
Fagundes, Nestor Barcellos, B.S.	SSAg.	Pelotas, Brazil
Fahl, Stella Reed	SS SSag.	Reading, Pa.
Failor, Mary Lucile	SS	Coshocton, Ohio
Fanaberia, Yefim Josifovitch	SSAg.	Ithaca
Fang, Paysan Pei-Shou	SS	Peking, China
Faris, Frederic	SS	Wheeling, W. Va.
Farnham, Irving Tupper	SS	West Newton, Mass.
Farr, Muriel Eldra, A.B.	Grad SS	Cranberry Creek
Farrar, John Frederick	SS	Chicago, Ill.
Farrell, Beatrice Catherine	SS	Erie, Pa.

Farrell, Helen Clare	SS SSag	Wilkes-Barre, Pa.
Farrer, Maryon	SS	Mansfield, Pa.
Farrow, Ruth Trask	SS	Newark, N. J.
Fass, Pauline Manette	SS SSag	Plainfield, N. J.
Fates, Hugh Lee	SS	Orange, N. J.
Faulhaber, Malcolm	SS	Ithaca
Fausner, Howard Arthur	SS	New York City
Fearnside, Robert Lehmann	SS	Bowling Green, Ohio
Feinson, Samuel Henry	SS	Brooklyn
Feitner, Bertha Katherine	SS	Brooklyn
Feldbush, Ruth May	SSag	Canton, Ohio
Felder, Lydia Rosalind, B.A.	SSag	New York City
Fellows, Hazel Maye	SS	St. Joseph, Mo.
Ferguson, Mary Bella	SS SSag	Pittsburgh, Pa.
Ferre, Gertrude Irene	SS	New York City
Ferrell, Jessie Virginia	SS	Belington, W. Va.
Ferrier, Janet Cecile	SS	Galveston, Texas
Ferris, Ida Mildred	SS	King Ferry
Ferris, Seymour Washington	SS	Springfield, Mass.
Field, James Gaylord	SS SSag	Morrisville
Fillius, Maurice Wilberger	SS	Washington, D. C.
Fincher, Myron Gustin, D.V.M.	SS	Ithaca
Finly, Emma Cocla, Ph.B.	SS	Lorain, Ohio
Finn, Thomas David, jr.	SS	Exeter, N. H.
Pinney, Ronald Tucker	SS	Emporia, Kans.
Fisher, Ada Marguerite, A.B.	SS	Lebanon, Pa.
Fisher, Alta Mary	SSag	Fairport
Fisher, Elbert Russell	SS	Mt. Tabor, N. J.
Fisher, Henry Clayton	SS	Pittsburgh, Pa.
Fisher, John Crocker, jr.	Ag	Elmira
Fisher, Leicester Wright	SS	Staten Island
Fisher, Lillian Sophia	SS	Brooklyn
Fitts, Kenneth Linton	SS	Ardmore, Pa.
Fitzgerald, Francis Joseph, B.A.	SSag	Troy
Fitzgerald, Nugent Edmund, B.S.Ed. & A.	Grad SSag	Knoxville, Tenn.
Fitzgerald, Thomas Joseph	SSag	Troy
Fitzpatrick, John Lee Wallace	SSag	Rochester
Flad, Ruth Irene	SS	Freeland, Pa.
Fleagle, Martha Janette	SSag	Woodlawn, Md.
Fleischmann, Julian Ralph	SS	New York City
Fletcher, Charles Henry	SS	Paget West, Bermuda
Florio, Anthony John	SS	Cobleskill
Follansbee, Winthrop Damon, B.S.	SS	North Sutton, N. H.
Forbes, Fanny Warren	SS SSag	Paterson, N. J.
Ford, David Cooley	SS	Ashtabula, Ohio
Ford, Harrison Franklin, B.S.	SSag	Johnson
Formel, Theodora Marie	SSag	Schenectady
Forsberg, Hilda Aurora	SS	Bryn Athyn, Pa.
Foster, Annie Stark	SS	Little Rock, Ark.
Foster, Fordyce Lawrence	SSag	Hammondsport
Fowler, Olive Pearl	SS SSag	Princeton, N. J.
Fox, Gladys Marguerite	SS	Ontario, Ohio
Fox, Mary M., B.A.	SS Grad	New York City
Fox, St. Elmo	SS	Huntington, W.Va.
Francis, J. Kathryn, B.S.	SSag	Ithaca
Franco, Felix, B.S.F.	Grad	Washington, D. C.
Frank, Margaret Bromley	SS SSag	East Orange, N. J.
Frank, Ruth Anna	SS SSag	Arcade
Franklin, Alice Brewer	SS	Philadelphia, Pa.
Fraser, Alice Atwood	SSag	Brooklyn
Fraser, Loraine Elizabeth	SS	Fort Covington
Frear, Beatrice Frances	SS	Bethlehem, Pa.
Frederick, Walter Henry	SS	Oberlin, Ohio
Frederiksen, Torvald, Ph.B.	Grad SS	Hamilton
Freedman, Ruth	SSag SS	Paterson, N. J.
Freeman, James	SSag	South Byron
Freiras, Emilio	SS	Buenos Aires, Argentina
French, Dorothy Chandler	SS	New York City
French, Frances Evangeline	SSag	New York City
French, Lewis Miller	Ag	New Orleans, La.
French, Ralph Wilson, B.S., L.L.B.	SSag	Binghamton
Freund, Jeanette Bowman	SS	New York City
Fried, Judith	SSag	New York City
Fried, Stella	SSag	Brooklyn
Friend, Edward William, jr.	SS	Bedford, Ohio
Froehlich, Mildred	SS SSag	Newark, N. J.
Fronza, Francisco Mamacalay, B.Ag., M.S.	Grad SS	Aliaga, Nueva Ecija, P. I.
Frost, Frank Leslie, jr.	SSag	Albany
Frost, Raymond John	SSag	Waverly
Fudge, Ruth	SS	Scranton, Pa.

Fugh, Paul Chen	SSAg	New York City
Fujimoto, Tadashi, B.S., M.A.	SS	Ibaragi, Japan
Fukagawa, Sakuro	SS	Philadelphia, Pa.
Fuller, Avery Edward	SS	Holley
Fuller, Gladys Venessa	SS	Springboro, Pa.
Fulton, Louis, B.S., M.S.	SS SSAg	Massena
Futterer, Frederick Francis	SSAg	Albany
Gabaldan, Senen Jose	SS	Washington, D. C.
Gabriel, Harry S., B.S., M.S.	Grad	Rock Stream
Gaeta, Louis John	SSAg	Ithaca
Gage, Kate Esther	SSAg	Johnsonville
Galbreath, Mitchell Tift	SS	Brooklyn
Gallavin, Mary Elizabeth	SS SSAg	Syracuse
Gallets, Sophia Grace	SS	Allegany
Gallimore, Madge	SSAg	Ithaca
Gallman, Waldemar John	SS	Wellsville
Garatt, Jennie Rose	SS	Spencer
Gardiner, Edith Viola	SS SSAg	Brooklyn
Gardner, Anna Elizabeth	SS	Albany
Gardner, Annie, A.B.	SS SSAg	Port Chester
Gardner, Carrie, B.A.	SSAg	Port Chester
Gardner, Joseph Charles	Ag	Hudson Falls
Garrett, Henry Harrison	SS	Pittsburgh, Pa.
Garrison, Wilbert Andrew, A.B., A.M.	SS	Bristol, Tenn.
Gately, Lewis Brown	SS	Mamaroneck
Gates, Howard Barstow	SS	West Winfield
Gaunt, Anna S.	SS	Huntingdon, Pa.
Gause, Angie Leah	Ag	Quarryville, Pa.
Gavin, Emily Grace	SS	New York City
Gavin, Margaret Lucy	SS	New York City
Gawron, Lillian, B.A.	SSAg	New York City
Geertz, Eric	SS	Montclair, N. J.
Gehring, William Henry	SS	Honolulu, Hawaii
Geib, Gertrude Elizabeth	SS	Elmira
Gelber, Frieda, B.A.	SSAg	New York City
Geohegan, Charles William	SS	New Rochelle
George, Mary Beatrice	Ag	Ithaca
Gephart, John Richard	SS	York, Pa.
Geraghty, Roberta Thew	SS	East Orange, N. J.
Gerber, Charles	SS	Hazleton, Pa.
Gerbereux, Vincent DePaul	SS	Yonkers
Gerhard, Ruth Anne	SS SSAg	Philadelphia, Pa.
Germain, Dorothy	SS	Brooklyn
Gerrish, Stanley Small	SSAg	Portland, Me.
Gershel, George Falk	SS	New York City
Gershman, Joseph Sol	SS SSAg	New York City
Gersten, Joseph Harry	SS	New York City
Gervais, Mae Celanise	SSAg	Washington, D. C.
Gessner, Katherine	SSAg	Staten Island
Getman, Edith Henrietta	SSAg	Frankfort
Gildersleeve, Gordon Hamilton	SS	East Orange, N. J.
Gillfillan, Robert Landon	SS	Memphis, Tenn.
Gillespie, Lucia May	SS	Buffalo
Gillespie, Ralph Leland	SSAg	Corning
Gillett, Charles Alton	SS	Arlington
Gillette, Kenneth Gordon	SS	Grahamsville
Gillies, Robert Campbell, jr.	SS	Brooklyn
Gilligan, Clara Ricarda	SSAg	Constableville
Gillis, Merl Conrad, B.S. in Agr.	Grad (P)	South Bend, Ind.
Gillmer, Charles Wallace	SSAg	Ithaca
Gilman, Herbert Lester	Grad (P)	Brooklyn
Ginsberg, Rosalind	SS SSAg	New York City
Gitlitz, Kate, B.A.	SSAg	New York City
Glant, Mary Helen	SS	Bareville, Pa.
Glass, Robert Ernest	SS	Westfield, N. J.
Glenn, Elizabeth Aber	SS	Berwick, Pa.
Glenn, Viola Genevieve	SS	Jersey City, N. J.
Goble, Frank Lester	SSAg	Waverly
Goebel, Annie Pauline	SSAg	Washington, D. C.
Goeller, Charles Lewis	SS	Newark, N. J.
Goff, Edith Adelaide	SS	Ithaca
Goldberg, Julia Grace	SS	New York City
Goldberg, Lillian	SSAg	Brooklyn
Goldberg, Myer Aaron	SS	New Bedford, Mass.
Golden, Harry Meyer	SS	Red Bank, N. J.
Goldstein, Reita Marion	SS SSAg	Brooklyn
Gonzalez, Pedro	SS	Las Palmas, Spain
Goodelle, Fred Belden	SS	Weedsport
Goodelle, Marie Lake, A.B.	Grad SS	Homer

Goodman, Alma Bertha	SS	Washington, D. C.
Goodman, Lewis Oswald	SS	Jeffersonville
Goodnow, George Nichols	SS	Highland Park, Ill.
Gorton, Rolland Elmer	SS	Montclair, N. J.
Gottlieb, Herriet Beatrice	SS SSAg	New York City
Gottschalk, Louis	Grad (P)	Ithaca
Gould, George Tyzzer	SS	Quincy, Mass.
Gow, Grace Marie, A.B.	Grad SSAg	Kenilworth, N. J.
Gowans, Ethel, A.M.	SSAg	Angola
Goward, Ray, B.S.	SSAg	New York City
Graff, Marie Christine	SS SSAg	Washington, D. C.
Graffy, Helen Morton	SS	Philadelphia, Pa.
Graham, David Roberts	SS	Lowville
Graham, Vi Arvin, A.M.	SS Grad	Ithaca
Grandin, Louise	SS SSAg	Westfield
Grannis, Harriet Grosvenor	SS SSAg	Muncy, Pa.
Grant, Ethel Marie	SS	Trevorton, Pa.
Graves, Marian Minerva, B.S.	SSAg	Rome
Gray, Ernest Charles	SS	Honolulu, Hawaii
Gray, Mabel Lucile, B.S.	SSAg	Lima
Graybeal, Henry Clay, B.A.	Grad SSAg	Knoxville, Tenn.
Green, David Loomis	SS	Holyoke, Mass.
Green, Warren Buckelew	SS	Flushing
Green, Zaidee Eudora, L.L.B.	SS	Washington, D. C.
Greene, Genevieve Catharine	SS	Adams Centre
Greene, Guy Shepard, A.B.	Grad SS	Geneva
Greene, Helen Veronica	SSAg	Brooklyn
Greene, Raymond G.	SS	Wooster, Ohio
Greene, Richard Martin	SS	New York City
Greenebaum, Ruth Leah	SS SSAg	Brooklyn
Greenwood, Ruth	SS	Phillipsburg, N. J.
Gregory, Harmon Lee	SSAg	Dundee
Griest, Estelle Caroline	SS	Washington, D. C.
Griffith, Amy Cox	SS	Philadelphia, Pa.
Griffiths, Horace Burlingham, B.S.	Grad SSAg	Utica
Grigson, William Herbert, A.B.	SSAg	Westfield, Pa.
Grimm, Jay John, B.S.	Grad (P)	Gainesville, Fla.
Groh, Elsie Barbara	SS SSAg	Cattaraugus
Grooby, Mabelle Mary	SS	Phillipsburg, N. J.
Groome, Edgar Murphy	SS	Lynn, Mass.
Grosh, Wallace Edward	SS	Seneca Castle
Grosshandler, Helen F., B.A.	SS SSAg	Brooklyn
Grossman, Henrietta Frances	SS	Buffalo
Grotevent, Kathryn Ellen, A.M.	SS	Philadelphia, Pa.
Grover, Frank Bruce	SS	Aurora
Groves, Anabel	SS	Wilmington, Del.
Grubb, Julia, B.S.	SSAg	Potsdam
Grumbein, Dorothy Elizabeth	SS	Lebanon, Pa.
Gruver, Kathleen Kline	SS	Washington, D. C.
Guerin, Agnes Rose	SSAg	Hudson Falls
Gulick, Charles Ward	SS	Champaign, Ill.
Gunn, John Patterson	SSAg	Ithaca
Gunsalus, Paul Overton	SS	Johnson City
Gutman, Alex Benjamin	SS	Brooklyn
Guzman, Macario Cayabyab, B.S., M.E.	SS	San Carlos, Pangasinan, P. I.
Gwyn, Ina Storey	SS	Tarrytown
Haas, Mae Elizabeth	SS	Allentown, Pa.
Haas, Ruth Violet	SS	New York City
Haberman, Charles Hunt	SS	Marion, Ohio
Habestroh, Christine Dorothy	SS	Lock Haven, Pa.
Hacker, Stuart Holland	SSAg	New York City
Hackman, Dora	SSAg	Brooklyn
Hackney, Hildegarde	SS	Kansas City, Mo.
Hafer, Jeannete	SSAg	New York City
Haight, Mary Elizabeth	SS	Onondaga Valley
Haldeman, Lester Triem	SS	Westville, N. J.
Haley, Simon Alexander, B.S.A.	Grad	Savannah, Tenn.
Hall, Archibald Maclay	SS	Larchmont
Hall, Edward Flemmon, jr.	SS	Birmingham, Ala.
Hall, George Alfred	SS SSAg	Holley
Hall, Golden Orlando, B.S.A.	Grad SSAg	Packersburg, W. Va.
Haller, Florence Madeliene	SS	Herkimer
Haller, Gretchen Alyce	SS	Herkimer
Haller, John Fessler	SS	Frederick, Md.
Halley, Donald Macdougall	SS	Rapid City, S. D.
Halley, Lottie Smith	SS	Rapid City, S. D.
Hallock, Anna Ingalls	SSAg	Hudson Falls
Hallock, Harold Coleman, L.L.B.	Ag	Clinton Corners
Halpin, Bonnie	SSAg	Yonkers

Halsey, Gertrude Wesley, B.I.	SS	Southampton
Halsey, Helen Kaneback, M.D.	SS	Trumansburg
Hamann, Henry Godfried Ferdinand	SSAg	New York City
Hamilton, Alfred Kittredge, 2d	SS	Pasadena, Cal.
Hamilton, Ann Loftus	SS	Norwich
Hamilton, Jane	SS	Brooklyn
Hamilton, Mattie, B.A.	SS	McKenzie, Tenn.
Hampson, Harold Snover	SS	Warren, Pa.
Hance, Francis Evaal, B. Chem.	Grad (P)	Pleasantville, N. J.
Hance, Jesse Jennings	SSAg	Ithaca
Handel, Abraham Joseph	SS SSAg	New York City
Handerhan, Irving Henry	SS	Millport
Handley, Thomas Lyons	SS SSAg	Oswego
Handy, Abby Waterman	SS	Mariville, R. I.
Hanford, Rodney Warren	SS	Ithaca
Hannifan, Marjory Mary	SS	Olean
Hannon, John Vincent	SS SSAg	Owego
Hanson, Mabel Carolyn	SS	Jamestown
Hanson, Minne Josephine	SSAg	Jamestown
Hapgood, Ernest A. T.	SSAg	Albany
Harper, Ruth Mae	SSAg	Rochester
Hardin, Gordon Dabney	SS	Louisville, Ky.
Harkness, Beulah Clarinda	SS	Wellsboro, Pa.
Harnden, Millard George, B.S.A.	Grad	Stillwater, Okla.
Harper, Helen Virginia	SS	Washington, D. C.
Harris, Carle Coville	SS	Cleveland, Ohio
Harris, Cyril, A.B., B.D.	SSAg	Ithaca
Harris, Elizabeth Millicent	SS SSAg	Pittsburgh, Pa.
Harris, Ella Moore	SS	Newfield, N. J.
Harris, Goodwin Read	SS	Toronto, Ont., Canada
Harris, Hurshel Irwin, B.S.	Grad SSAg	McHenry, Miss.
Harrison, Arthur Millard	SS	Oxford
Harrison, Beatrice Leona	SS	New York City
Harrison, Bessie Lillian	SS SSAg	Brooklyn
Harrison, George Emile, B. Math.	SS	London, England
Harrison, Thomas Perrin, jr., A.B.	Grad (P)	West Raleigh, N. C.
Harritt, Blanche, A.B., B. Mus.	SS	York, Nebr.
Hart, Floyd Thomas	SS	Needmore, Pa.
Hart, Gould Leroy	SSAg	Ithaca
Hart, Helen Bossuet	SS	Gary, Ind.
Hart, Paul Richmond	SS	Franklin, Pa.
Hart, Van Breed, B.S.	Grad	McLean
Hartell, Earl George	SSAg	Rochester
Hartley, Ray LaVerne	SS	Binghamton
Hartman, Sadie Alberta	SS SSAg	Baltimore, Md.
Hartmanft, Emma Elizabeth	SS	Norristown, Pa.
Hartwell, Madeleine Howard, B.A.	SS SSAg	Brewster
Harvey, Anna Kildare	SS	Philadelphia, Pa.
Harvey, Constance Ray	SS	Buffalo
Harwood, Reymour Elton	SS	Newfane
Harwood, Robert Daniel	Grad	Claremont, Cal.
Haskins, Marian Hill	SSAg	Saratoga Springs
Haupt, Celia Gertrude, B.A.	SS	New York City
Hausner, F. Edna, A.B.	SS	Montour Falls
Hauxwell, Vera Leone	SS	Pontiac, Mich.
Havens, Emma E.	SSAg	Elmira
Hawkes, Frances Craig	SSAg	Schenectady
Hawkins, Ruth Mary	SSAg	Dayton
Hay, Alexander Gebbie, jr.	SS	Hammonton, N. J.
Hay, Ruth Annabella	SS	Westfield, N. J.
Hayes, Elizabeth	SSAg	Canandaigua
Hayes, Ella Marsh	SS	Newport News, Va.
Hayner, Burton A., B.A., M.S.	SSAg	Flushing
Hays, Dorothy	SS	Elmira
Haywood, John Hooe	SS	Washington, D. C.
Hazell, Cyril Ebenezer	SS	Ithaca
Head, Clarence Chaddock	SS	Ithaca
Hearn, John Byron	C. E. Camp	Port Byron
Hearn, Margaret Caroline, A.B.	SSAg	New York City
Hedberg, Oren	SSAg	Ithaca
Heim, Gertrude Cecelia	SSAg	Utica
Heinzelman, Frederick Emil	Ag	Warwick
Helsel, Jean Moore	SS	Brownsville, Pa.
Hemstreet, Delia Barrows	SSAg	Canton
Henderson, Karl Isaac	SSAg	Lockport
Henderson, Lena Bondurant, B.S.	Grad	Knoxville, Tenn.
Hendler, Henry	SSAg	New York City
Henke, Clyde Overbeck, A.M.	SS	Holland, Ind.
Henricus, Ralph Charles	SSAg	North Tonawanda
Henry, Earl Grady	SS	Dallas, Texas
Henry, Frederic Thomas	SS	Canandaigua

Herbert, Kathryn Gray	SS	Perth Amboy, N. J.
Herbert, Paul Anthony, B.S.	Grad (P)	New York City
Hermann, Harold Bernard, B.A.	SS	Brooklyn
Hernandez, Luis Andre	SS	Havana, Cuba
Herndl, Felicitas Helen	SSAg	Buffalo
Herring, Eleanor Elizabeth	SS	Mount Olive, N. C.
Herrmann, Rowena	SS	Dushore, Pa.
Heyn, Amelia Lee	SSAg	Brooklyn
Hibberd, Emily Lewis	SS	Lansdowne, Pa.
Hickey, James Francis	SS	Ithaca
Hickman, Emily, A.B., Ph.D.	SSAg	Aurora
Hicks, Raymond Warren	SSAg	Rochester
Hill, Adelaide LeViness, A.B.	SSAg	Port Chester
Hill, Edna Mary	SSAg	Dobbs Ferry
Hill, Malcolm Erastus	SS	Oxford
Hillike, Edmund Everett	SS	Fayetteville
Hilyard, Walter Hosley, B.S.A.	SSAg	Hudson
Hinckel, Maud Murray, B.S.	SSAg	Mechanicsville
Hine, Lucius Albin, jr.	SS	Highland Park, Ill.
Hirsche, Karl	SSAg	New York City
Hitchcock, Joshua Dickson	SS	Honolulu, Hawaii
Hitching, Doris May	SS	Ithaca
Hixon, Lelah Irene	SS	Evansville, Ind.
Hoag, Philip Osborne	SS	Clayton
Hoag, Walter Heath	SS	Clayton
Hoar, Clifford Edwin	SS	West Newton, Mass.
Hodge, Hugh Bayard, jr.	SS	Philadelphia, Pa.
Hodge, Kathrine Coleman	SS	Princeton, Ky.
Hodge, William Howard	SS	Cincinnati, Ohio
Hoffman, Anna	SSAg	Brooklyn
Hoffman, Florence Dorothy	SSAg	Brooklyn
Hoffman, Jakob	SSAg	Bronxville
Hoffman, Madelene Josephine	SS	Syracuse
Hogan, Margaret Elizabeth	SSAg	Chateaugay
Hogan, Mary Kathryn	SSAg	Westbury
Hogg, George Albert	SS	Lihue, Kauai, Hawaii
Hollenback, Warren, L.L.B.	SS	Lock Haven, Pa.
Hollenbeck, Beatrice Sarah, B.S.	SS	Candor
Holley, Dorothy Bement	SS SSAg	Lockport
Hollister, Cora	SS	Brooklyn
Holt, Evelyn, A.B.	Grad (P)	Summit, N. J.
Holzbach, Robert Edward	SS	Newport News, Va.
Honey, Edwin Earl, B.S.	Grad	Dixon, Ill.
Hook, Alonzo Lohr, A.B.	Grad SS	Elon College, N. C.
Hook, Howard Arthur	SS	Baltimore, Md.
Hoose, Katherine Mary	SSAg	Ravena
Hopkins, Robert Dwight, jr.	SS	Peking, China
Hopkins, Villa Jeannette	SSAg	Avoca
Horne, William Henry, jr.	SS	Rocky Mount, N. C.
Horner, John Brennan	SS	West Pawlet, Vt.
Horton, Edith Dudley	SS	Ithaca
Hosford, Cora Louisa	SSAg	Ithaca
Hosmer, Helen Margaret	SS	Potsdam
Hotchkiss, Anna Bogue	SSAg	Fulton
Hotchkiss, Clarence Francis, jr.	SS	Binghamton
Houck, Isabel Ruth	SSAg	Ithaca
Houghton, Beatrice	SSAg	Canton
Hourigan, James Bradford	SSAg	Albany
House, Ruth Lane	SS	Buffalo
Houston, Alice	SSAg	Wisner
Hover, Louis Gerald	SS	Candor
Howard, Edwin Johnston	SS	Detroit, Mich.
Howard, Grace Elizabeth, B.A.	SS	Pittsburgh, Pa.
Howard, Hubbard Everett	Ag	Bloomfield, Vt.
Howard, Mary Catherine	SSAg	Rochester
Howard, Nan Goodson, A.B.	SS	Kinston, N. C.
Howe, Marion Alice	SS	West Philadelphia, Pa.
Howe, Susanne, A.B.	SS	New York City
Howell, Earl Curtis	SSAg	Owego
Howell, Vernie Sarah	SS	Auburn
Howerton, Emelie Trible	SS SSAg	Richmond, Va.
Howlett, Freeman Smith, B.S.	Grad	Knowlesville
Howton, Everett, B.S.	Grad SSAg	Dawson Springs, Ky.
Howton, Lillian	SS SSAg	Dawson Springs, Ky.
Hoy, David Fletcher, jr.	SS	Ithaca
Hoyer, Frank Lothrop, B.A.	SS	Buffalo
Hsia, Tao Shi, C.E.	Grad (P)	Ho-Chow, Ankin, China
Hsueh, Shao Ching, E.E.	SS	Kiang Su, China
Hu, Julie Tsu	SS	Wushih, China
Huang, Ching Kang	SS	Shanghai, China
Hubach, Clifford Earle	SS SSAg	Los Angeles, Cal.

Hubach, Ralph Lewis	SS	Los Angeles, Cal.
Hubbard, Harriet Helen, A.B.	SS	Indianapolis, Ind.
Hubbs Hazlett David	SS	Amsterdam
Hucker, George James, B.S., A.M.	Grad	Geneva
Huckett, Hugh Cecil, B.S.A.	Grad (P)	Cuckfield, Sussex, England
Huddel, Percie Geer	SS	Groton, Conn.
Hudders, James Henry	SS	Ithaca
Huddle, Otto Everett	SS	Van Etten
Hudson, Margaret Dille, Ph.B., B.S.	SS Grad	Cleveland, Ohio
Huestis, John Phelps	SS	Brazil, Ind.
Huey, Bess A.	SS	Ravenswood, W. Va.
Huget, James Philip	SS	Brooklyn
Huggard, Ethel Florence, B.A.	SSAg	New York City
Hugger, Elsie	SSAg	New York City
Hughes, Bennett Owen	SSAg	Mechanicsville
Hughes, Charles Mackey	SS	Franklin, Pa.
Hughes, Florence Hazel	SSAg	Indianapolis, Ind.
Hughes, Howard James	SS	Ithaca
Hughes, Ralph Jarvis	SS	Utica
Hughes, Ruth Cleveland	SSAg	Haddonfield, N. J.
Hulbert, Judson M.	SSAg	Owego
Hulbert, Thorne Comings	SS	Ithaca
Hulme, Harold, A.B.	Grad (P)	Cleveland, Ohio
Huls, Raymond Theodore	Ag	Rochester
Hulst, Harold Brett	SS	Ishpeming, Mich.
Hultzen, Lee Sisson, A.B.	SS Grad	Norwich
Humphrey, Rufus Richard, B.Ped., A.M.	Grad (P)	Thompsonville, Mich.
Hungerford, Wealthy Hazel	SS	Belleville
Hunt, Dorothy Lillian	SS	Bridgeport, N. J.
Hunt, John Bartlett	Ag	Unadilla
Hunt, Mabel Mungeam, B.A.	SS Grad	Dumont, N. J.
Hunter, Paul Wylie	SS	Fulton
Hurd, Edna Waldron	SS	Utica
Hurd, Martha Irene	SSAg	Utica
Hurt, Lois	SS	Pounding Mill, Va.
Hutchings, Verna U.	SS	Portville
Hutchins, Lora Dell, A.B.	SSAg	Washington, D. C.
Hutchinson, Edmund James, B.P.E.	SSAg	Ithaca
Hyde, Harriette, B.A.	SS	Watertown
Hyde, Karl Clayton, M.A.	Grad (P)	Brazil, Ind.
Hyde, Katherine Elizabeth, A.B.	Grad SS	Elmira
Hyde, Stuart Noble	SS	Elmira
Iglehart, Alfreda Eloise	SSAg	Baltimore, Md.
Ilig, Rudolph Frederick, jr., B.S.	SSAg	New York City
Imlay, Robert	SS	Niagara Falls
Immel, Mary Barbara	SS	Philadelphia, Pa.
Ingelow, Adell Marion	SSAg	Livonia
Ingersoll, Royal Bursdell	SS	Fillmore
Ipark, William Washington	Ag	Brooklyn
Irons, Ellen	SSAg	Pittsfield, Mass.
Irvine, Luella Grace	SS SSAg	Etna, Pa.
Isbell, William Jesse, B.S.	Grad SSAg	Crossville, Ala.
Itoh, Bunkichi	SS	Philadelphia, Pa.
Itzkowitz, Ida	SS	New York City
Jackson, Abia Florence	SS	Ithaca
Jackson, Gemma	SS	Chula Vista, Cal.
Jackson, Helen P.	SSAg	Ithaca
Jackson, Jesse Atwater	SS	Savannah, Ga.
Jacobs, Thelma May	SS SSAg	New York City
Jacoby, Anna Laura, A.B.	SS	York, Pa.
Jacoff, Dorothy	SSAg	Edgemere
Jacoff, Ruth	SSAg	New York City
Jaffe, Hannah Roselyn	SSAg	Paterson, N. J.
James, Anna Belle	SS	Arcade
James, Marie Cecelia	SS	Washington, D. C.
Jamieson, Fleming	SS	Pittsburgh, Pa.
Jamison, Alvaretta, A.B.	SS	Beaver Falls, Pa.
Jansen, Cornelius Bernard	SSAg	Albany
Jarrett, Mildred	SS	Fort London, Pa.
Jefferis, Albert Webb, jr.	SSAg	Washington, D. C.
Jefferson, Clyde Chester	SS	Ithaca
Jenks, Leon E., M.S.	Grad (P)	Ithaca
Jennings, Kathleen Adelaide	SSAg	Geneva
Jerome, Alan Jerome	SS	Toledo, Ohio
Jerome, Carmen Ursula	SS	New York City
Jerrett, Raymond Norman	SSAg	Williamson
Jimerson, Harry T.	SSAg	Corning
Johnson, Albert Mason	SS	Berwick, Pa.

Johnson, Douglas Harold	SS	New York City
Johnson, Eslanda Thomas	SS	Baltimore, Md.
Johnson, Lovina Haywood	SS	Washington, D. C.
Johnson, Marian Callow	SSAg	Ithaca
Johnson, Roger Charles	SS	Canandaigua
Johnson, Rudolph Albert	SS	Brooklyn
Johnstone, James Watson	SS	Perth Amboy, N. J.
Jolliffe, Charles Byron, M.S.	Grad (P)	Ithaca
Jones, Clara LaMae	SS	Waterville
Jones, David Oswald	SS	Venedocia, Ohio
Jones, Fred LaFayette, A.B.	Grad SS	Greenville, S. C.
Jones, Gladys Terry, B.A.	SS	Moravia
Jones, Grace	SS SSAg	Puckett, Miss.
Jones, John Reginald	SS	Ithaca
Jones, Margaret Elizabeth	SS	Plymouth, Pa.
Jones, Margaret Penfield, B.A.	SSAg	Moravia
Jones, Marion Lerula	SS SSAg	Rochester
Jones, Mary Eleanore	SS	Reading, Pa.
Jones, Mary Leo Francis	SSAg	Ithaca
Jones, Merton Wurke, A.B.	SSAg	Ithaca
Jones, Rachel	SS	Scranton, Pa.
Jones, Walter Roy	SS	Poughkeepsie
Jones, Willis Knapp, B.A.	SS	Moravia
Joy, Augusta Kent	SS	Cleveland, Ohio
Kaag, Joseph Charles	SSAg	Albany
Kackenmeister, Sadie Blanche	SS	Emporia, Pa.
Kadushin, Celia	SS SSAg	Brooklyn
Kadushin, Sarah	SS SSAg	New York City
Kahn, Pauline Lillian	SSAg	New York City
Kalischer, David Edgar	SS	Brooklyn
Kamarow, Clara	SS	Brooklyn
Kambat, Lillian Wanda	SSAg	Lackawanna
Kane, Elisha Kent, A.M.	SS SSAg	Kane, Pa.
Kanowitz, Elsie Olga	SS	New York City
Kappel, Gustav Ulrich, B.S.	Grad	Waldo, Mich.
Karcher, Harry Martin	SSAg	Buffalo
Karp, Alexander Xenophon	SS	Farmingdale
Karpeles, Seymour Leopold	SS	Newark, N. J.
Katz, Marjorie	SSAg	New York City
Kaufman, Jacob	SS	New York City
Kautz, Henry	SS	Ithaca
Keagle, Donald Marion	SSAg	Wellsville
Keane, Cecilia May	SSAg	Kings Ferry
Kearney, William James, jr.	SS	New Orleans, La.
Keech, Lucretia Marguerite	SS	Baltimore, Md.
Keeler, Frederica E.	SSAg	Ithaca
Kehr, Elizabeth McNeely	SS SSAg	Washington, D. C.
Kelher, Annie Cecelia	SS SSAg	Washington, D. C.
Keller, Albert Earl	SS	Poughkeepsie
Kelly, Emerson Crosby	SS	Fleischmanns
Kelly, Irene Margaret	SSAg	New York City
Kelly, John Martin	SS	Pittsburgh, Pa.
Kempner, Natalie	SSAg	Brooklyn
Kendall, Amy Marion	SS	Philadelphia, Pa.
Kennedy, Edward Cavanagh	SS	Buffalo
Kenny, Maude Anna	SS	Wilkes-Barre, Pa.
Kenny, May Gertrude, M.E.	SS	Wilkes-Barre, Pa.
Kerr, Edith F.	SSAg	Joliet, Ill.
Ketchum, Bertha Louise, Ph.B.	SS	Owego
Kevitz, Alexander	SS	Brooklyn
Kilcoyne, Mary Dolores	SS	Wilkes-Barre, Pa.
Kimball, Isabella Jane	SS	Ithaca
Kimble, Katherine Cornell	SS	Camden, N. J.
King, Chou-Son	SS	Shanghai, China
King, Cornelius, jr.	SSAg	New Iberia, La.
King, George Ludwig	SS	Pittsburgh, Pa.
King, Lin Slocum	SS	King Ferry
Kingsbury, Carl Oliver	SS	New Castle, Pa.
Kingsland, Magdalen	SS SSAg	Ridgewood, N. J.
Kingsley, Donaldson Wright	SS	Minden, Nebr.
Kingsley, Estelle E. J.	SS	Salisbury
Kirkendall, John Swarthout, B.S.	SSAg	Ithaca
Kirkland, Joseph Brackin, B.S.	Grad SSAg	Freeville
Kirkpatrick, Ellis Lore, B.S.Ag	Grad (P)	South England, Iowa
Kirkup, Edna Gertrude	SS	Brooklyn
Kirschner, Anna Florence, A.B.	SSAg	New York City
Kirstein, Jeanette Helene	SS	Rochester
Kissling, Grace Persis	SS	Winona, Minn.
Kittinger, Nell Joy	SS	Akron, Ohio

Klein, Anna Mary	SSAg	New York City
Klein, Henry Nathaniel, B.S.	SS	Brooklyn
Kleinberger, Ruth Minna	SS SSAg	New York City
Klingaman, Foster Ellis, B.S.	SS	Berwick, Pa.
Klinger, Emma Louise	SS	Williamstown, Pa.
Klinghoffer, Morton, B.A.	SSAg	Brooklyn
Klitich, Dorothy Belle	SS SSAg	Baltimore, Md.
Klock, Ruth Vera	SSAg	Phoenix
Kloiber, Adele Eleanor	SSAg	Baldwin
Cluebert, Katherine Elizabeth	SS	Ithaca
Knapp, Lawrence Bernard	Ag	Port Byron
Knapp, Romaine Cole	SS	Waverly
Knauss, Herman	SS	Poughkeepsie
Knoepfle, Frieda Barbara, A.B.	Grad SS	Bradford, Pa.
Knox, Charles Webster, B.S.	SSAg	Ithaca
Koch, Anna Elizabeth	SSAg	Warsaw
Koehler, John Henry, jr.	SS	Rockville Centre
Kogut, Helen Echle	SS	New York City
Kohler, Albert Huntress	SS	Wilkes-Barre, Pa.
Kohlmeier, Hugh Bernard	SS	New Orleans, La.
Kohm, Raymond Albert	SS	Ithaca
Koncsik, Helen Cecelia	SSAg	Titusville, Fla.
Konkle, Winifred Ferry	SS	Swarthmore, Pa.
Koorse, Edith	SS	Brooklyn
Kornegay, James Mary	SS	Mount Olive, N. C.
Kornegay, Rachel Bright	SS SSAg	Mount Olive, N. C.
Kraemer, Frances Alma	SS	Elmer, N. J.
Kraft, George	SS	Wilkes-Barre, Pa.
Krakow, Louise, A.B.	SSAg	New York City
Kreinherder, Millard Robert	SS	Buffalo
Kreisher, Margaret A.	SS	Catawissa, Pa.
Krentzman, Lillian Mildred	SSAg	New York City
Kretschman, Edwin Charles	SS	Elmira
Kretz, Regina Catherine	SS	Washington, Ind.
Kriechbaum, Susie K., B.A.	SS	Chambersburg, Pa.
Krohn, Mrs. Ralph L.	SS	Utica
Kruger, Helen May	SS SSAg	Philadelphia, Pa.
Kuhlman, Arthur Lee	SS	Bay City, Mich.
Kulp, Claude Livingston	SSAg	Ithaca
Kummerle, Katherine Emilie, A.B., A.M.	SS SSAg	Mt. Vernon
Kurfiss, John Frederick	SS	Indianapolis, Ind.
Kutscher, Robert Weber	SS	Bridgeport, Conn.
Kvakan, Pavao	Grad	Krizevici, Jugo-Slavia
Laborde, Salvador	SS	Havana, Cuba
Lack, Sara	SSAg	Brooklyn
Ladson, Gertrude Louise	SS SSAg	Washington, D. C.
La France, John	SS	Ithaca
La Grange, Marion Alice	SS	Vestal
Laird, George Alvin	SS	Waterbury, Conn.
Lake, Blanche Harper, A.B.	SS	Parkersburg, W. Va.
Lake, John Frederick, B.S.	Grad	Clinton, Iowa
Lalley, Harold Vincent, A.B.	SS	Bridgeport, Conn.
Lally, Marcella Catherine	SS	Niles, Ohio
Lamb, Marion Elizabeth	SS SSAg	Albany
Lambert, Marjorie Willard	SSAg	West Brighton
Lambert, Paula Claire, M.A.	SSAg	New York City
Lamm, Lucien, B.A.	SS	New York City
Lampert, Jeannette Carl	SS	Lexington, Ky.
Landon, Elmer Monroe	SS	Webster Groves, Mo.
Lang, Esther Elizabeth	SSAg	Ashtabula, Ohio
Laning, Paul Ford	SS	Cleveland, Ohio
Lankford, Lois	SS	Oklahoma City, Okla.
Lapham, Bernice Ballou	SS	Derby, Conn.
La Porte, Anna Matilda	SS SSAg	Washington, D. C.
La Porte, Mary Frances	SSAg	Port Washington
Larkin, Helen Louise	SS	Ithaca
Larkin, Mildred Beatrice	SSAg	Ithaca
La Rue, William Calfee	Ag	Woodlawn, Va.
Lask, Clara	SSAg	New York City
Lason, Catherine Ellen	SS	Etna
Lathrop, Frank Waldo, B.A.	Grad	New London, Conn.
Lathrop, William Hamilton	SS	Wayne, Pa.
Lattin, Alice, A.B.	SS	Cattaraugus
Lau, Hing Huen Rose	SS SSAg	Hong Kong, China
Laubengayer, Clara Lily	SSAg	Schenectady
Lauenstein, Elsa Constance	SS	Evansville, Ind.
Launt, Margaret Janie	SSAg	Walton
Law, Richard Potts	SS	Troy
Lawler, John Thomas, B.A.	SS SSAg	Canton

Lawler, Mary A., A.B.	SS	Coudersport, Pa.
Lawrence, Robert Parker	Ag	East Greenwich, R. I.
Lawson, Albert Edward	SS	Philadelphia, Pa.
Lawton, Alice Anna	SSAg	Syracuse
Lawton, Evadne Austin	SSAg	Little Falls
Lawton, Jesse Alvin	SSAg	Little Falls
Lederman, Helen	SS	New York City
Ledesma, Ramon Ledesma, A.B.	SS	Iloilo, Iloilo, P. I.
Ledoux, Sylvester Peter	SSAg	Elmira
Ledwith, Jean Bryce	SS	Philadelphia, Pa.
Lee, Clarence Edgar, B.S.	SSAg Grad	Trumansburg
Lee, Donald Hall	SS	Delhi
Lee, Francis Allan	SS	Oneonta
Lee, George Ludlow	SS	Newark, N. J.
Lee, Walter Joseph	SS	Buffalo
LeFaivre, Hilda Marie	SS	Clayton
Lefkowitz, Martha Florence	SSAg	New York City
Lehmann, Alvin Stanley	SS	Peoria, Ill.
Leine, Bertha Anne	SS	Honesdale, Pa.
Leitch, Paul Ward	SS	Wilkinsburg, Pa.
Lempert Samuel	SS	New York City
Leonard, Josephine Patricia	SS	Wilkes-Barre, Pa.
Leoni, Zoilo Guillermo	SS	Cochabamba, Bolivia
Leopold, Victor Bernard	SS	Chicora, Pa.
Lerner, Sadie	SSAg	New York City
Lester, Claud Frederick, B.S., A.M.	Grad SS	East Venice
Leuze, Floyd Carson	SS	Philadelphia
Levengood, Helen Rhodes	SS	Boyetown, Pa.
Levine, Sarah Esther	SSAg	Brooklyn
Levy, Clara, B.S., Pd.M.	SS	Newark, N. J.
Levy, Frank Bertram	SS	New York City
Levy, Janet Sayward	SS SSAg	Baltimore, Md.
Levy, Sadi e Nathan	SS	New York City
Lewis, Alice Belle, A.B.	SSAg SS Grad	Punxsutawney, Pa.
Lewis, David John	SS	Martins Ferry, Ohio
Lewis, Leah Marie	SS	Canton, Pa.
Lewis, Mary Brittain, A.B.	SS Grad	Tazewell, Va.
Lewis, Mord	SS	Clarksburg, W. Va.
Le Worthy, George Edwin, B.S.	Grad	Waterville
Lewter, Laura Louise		Orlando, Fla.
Lexutt, Florence Ruth	SSAg	New York City
L'Hommedieu, Howard Willis	SS	Chicago, Ill.
Liang, Yat Kwan, M.A.	SS	Shamshui, Kwangtung, China
Libby, Harriet Martin	SSAg	Ithaca
Lichauco, Luis	SS	Manila, P. I.
Liddell, Anna Forbes	SS Grad	Charlotte, N. C.
Liddell, Isabel	SSAg	Buffalo
Liddle, Alda Emma	SS	Argyle
Linck, Frances Sophia	Ag	Constableville
Lind, Martin Edward	SS	Auburn
Lindell, Ellen Cecelia	SS	Canaan, Conn.
Lindemer, Carl	SS	Trenton, N. J.
Lindsay, Marion Kathleen, B.A.	SS	Montpelier, Vt.
Lindsley, Luther Campbell, B.A.	Grad (P)	Manassas, Va.
Link, Samuel Benajah	SS	Stamford, Conn.
Lisk, Anna Rogers	SS	Aurora
Liss, Edna Lillian	SSAg	New York City
List, Carl Albert	SS	Hoboken, N. J.
Liu, Chen Tung	SS	Washington, D. C.
Liu, Chi Sheng	SS	Shanghai, China
Liu, Chung Lo	Ag	Foochow, China
Livermore, James Northrup	SS	Gowanda
Lo, Kia-Luen, Litt.B.	SS	Peking, China
Lobach, Pearl Hannah	SS	Lancaster, Pa.
Loesell, Clarence Michal, B.S.	Grad	Ithaca
Logan, Glen Leslie	SS	Portage, Pa.
Logue, Mary Clare	SSAg	Philadelphia, Pa.
Lohmann, Blanche	SS	Washington, D. C.
Lomax, Henry Stanley	SS	Chicago, Ill.
Long, Florence Agnes	SSAg	Brooklyn
Long, Georgia Anna	SS	Washington, D. C.
Long, Marie Isabel	SSAg	Brooklyn
Longanecker, Reida	SS	Mechanicsburg, Pa.
Loomis, Walter Earl, B.S.	Grad	Makanda, Ill.
Loren, Martha Alice	SSAg	Lowville
Lorenz, Francis Joseph	SS	Newark Valley
Lottridge, Dorothy	SS	East Orange, N. J.
Lou, Chang Howard	SS	Tientsin, China
Lounsberry, Julia Edith	SSAg	Brookton
Lounsberry, Thomas Frederick	SS	Brookton

Lourie, Alice Caroline, A.B.	SS	Galesburg, Ill.
Love, Alethia Northrup, A.B.	SSAg	Whitney Point
Loveless, Harlow, A.B.	SSAg Grad	Phelps
Low, Russell Edward	SS	East Stroudsburg, Pa.
Lowe, Annetta May	SS	Bedford, Ind.
Lowenstein, Frieda	SSAg	Brooklyn
Lewis, Edith Hope	SSAg	Dayton
Lowman, Goldie Princess	SS	Auburn, Ind.
Lowther, Mildred, B.Ped.	SS	Salem, W. Va.
Loyer, Freda Antoinette, A.C.M.	SS	New Washington, Ohio
Lu, Dorothy	SS	New York City
Luce, Marion Viola	SS SSAg	Riverhead
Luchs, Bertha, A.B.	SSAg	New York City
Lull, George Percy	SS	Bradford, Pa.
Lum, Joe Woon, A.B.	SS SSAg	New York City
Lurie, Bessie	SSAg	New York City
Lurie, Harold Edward	SS	Brooklyn
Luscher, Verena Lillian, A.B.	SS Grad.	LeRoy
Luzzati, Anna, A.B.	SS SSAg	New York City
Lyman, Frederic Pomeroy, jr.	SS	Kansas City, Mo.
Lynch, Frances Mathilda, A.B.	SS	Baltimore, Md.
Lyndes, Merton Henry	SS	Marshfield, Vt.
McAllester, Allen Egbert	Ag	Lake View
McAloon, Helen Miriam	SSAg	Pawtucket, R. I.
McCabe, Charles Lester	SSAg	Waverly
McCabe, Julia Elizabeth	SS	Lock Haven, Pa.
McCafferty, Lydia Myrtle, Ph.B.	SSAg	Pittsburgh, Pa.
McCall, James Gibbons	SS	Steelton, Pa.
McCandless, Clifford Hartley	SS	Butler, Pa.
McCarthy, Edward Dennis, A.B.	SS Grad.	Cattaraugus
McCarthy, Georgiana Helen	SS	Rome
MacCarthy, Gerald Raleigh	SS SSAg	Ithaca
McCarthy, John Bernard	SS	Watkins
McCarty, James Wilson	SS	Lima, Ohio
McClelland, Romaine Isabel	SS	Pittsburgh, Pa.
McCollough, Alma Violet	SS	Chicora, Pa.
McCollough, Effie Cordelia	SS	Chicora, Pa.
McColman, Nellie Zoy	SS	Syracuse
MacConkey, Helen Adams, A.B.	SS	Canajoharie
McConnell, James Asher, B.S.	Grad.	Ithaca
McConnell, Saville	SS	Buffalo
McCoord, Augusta Barbara, A.B.	SS	Pittsford
McCracken, Louise Myra	SSAg	Binghamton
McCreery, Elizabeth Esther	SS	Pittsburgh, Pa.
MacDonald, Helen Anna	SS	Pottsville, Pa.
MacDonald, James John	SS	Port Richmond
Macdonald, John Dodds	SS	Woodbury, N. J.
McDuffie, Roy Oliver, A.B., B.Chem.	SS Grad.	Cincinnati, Ohio
Mace, Eloise Veirs	SSAg	Washington, D. C.
McEachvon, Edward Chapman	SS	Glens Falls
McElwain, William Henry	SS	Amsterdam
McFaden, Thomas Joseph	SS	Staten Island
McFarland, Mary Ursula	SS SSAg	Albion
McGann, Bernard Elliot	SSAg	Oswego
McGee, Lucile	SS	McGee's Mills, Pa.
McGranahan, Sarah Jeanette	SS	Anderson, Ind.
McGrath, Edward Maloney	SS	Lockport
McGuire, Peter Stephen, A.B.	Grad (P)	Buffalo
McHargue, James Spencer, B.S., M.S.	Grad.	Lexington, Ky.
McHose, Anna Marjaretta	SS SSAg	Lancaster, Pa.
McHose, Clarence Norton, A.B.	SS	Lancaster, Pa.
McHose, Elizabeth	SSAg	Reading, Pa.
McInnes, Raymond	SS SSAg	Brooklyn
McIntire, Novella	SS	Ashville, N. C.
MacIntyre, Emma	SS	East Orange, N. J.
Mackay, Marjorie Ross	SSAg	Addison
McKee, Edward Price	SS	Scranton, Pa.
McKeel, David Lane, jr.	SS	Coraopolis, Pa.
McKeever, Ruth Irene	SS	Washington, D. C.
McKenzie, Duncan, M.A.	SS	Montreal, Canada
McKenzie, Frank Russell	SS	Brooklyn
MacKenzie, John Wilbur	SS	East Providence, R. I.
MacKeown, Samuel Stuart	Grad (P)	New York City
McKernan, Mary Loretta	SS SSAg	Utica
Mackey, Marguerite, B.A.	SS SSAg	Hunter
McKillop, Elizabeth Agnes	SS	Hays, Pa.
McKinney, Louisa May	SS	Tyrone, Pa.
McLallen, Georgia May	SSAg	Trumansburg
McLaughlin, Marie Elizabeth, A.B.	SS SSAg	Canajoharie

MacLaury, Robert Haines	SSAg	Roxbury
McLean, Jennie Numsen	SS	Crockett, Texas
McLean, True	SS	Shrub Oak
McLean, Twyla Pauline	SS	Oakmont, Pa.
McMahon, Kathryn Agnes	SSAg	Brooklyn
McMahon, Thomas William	SS	Baraboo, Wis.
McMillan, Frederick Harlan, A.B., B.S.A.	Grad SSAg	Columbus, Ohio
McMillan, George, M.A.	Grad	Hamilton, Ont., Canada
MacMullen, Teresa Cecelia	SSAg	Brooklyn
MacNair, Walter Archer, B.S.	SS SSAg	Houghton, Mich.
MacNaughton, Lewis Winslow	SS	Ithaca
McNees, Elizabeth Welch	SS	North Washington, Pa.
McPhail, John Ellis	SS	Baltimore, Md.
McQueen, Helen Beryl	SSAg	Greenville, Pa.
McQueen, James Donald	SS	Horseheads
McQueen, Neil	SS	Toronto, Ont., Canada
McReynolds, Grace Eleanor, M.A., B.A.	SS	Maryville, Tenn.
McRitchie, Harriett Agnes	SS	Port Clinton, Ohio
McSpadden, Ben Joe, B.S.A.	Grad	Knoxville, Tenn.
McSweeney, Florence Cecil	SS SSAg	New York City
McTammany, Frances Loretta, A.B.	SS Grad	Troy
Madrigal, Ramon Monteloyola, A.B.	SS	Boac, Marinduque, P. I.
Magee, Edward Burgess	SS	Buffalo
Magone, Sarah Louise, A.B.	SS Grad	Savannah, Ga.
Maher, John Joseph	SSAg	Albany
Mahon, William Francis, jr.	SS	Baltimore, Md.
Mahoney, Catherine Agnes	SSAg	Troy
Mahoney, Mary Celia, A.B.	SS	Canton
Maier, Bertha Louise	SS SSAg	Glenshaw, Pa.
Maisel, Rosetta Florence	SS	New York City
Malan, Johannes Rossouw, A.M.	SSAg	New York City
Malby, Elizabeth	SS	Bridgeport, Ohio
Mallam, Edward Duncan	SS	Niagara Falls
Mallory, Mabel Jane	SS	Altoona, Pa.
Malone, Hilda, A.B.	SS SSAg	Baltimore, Md.
Maloney, John Mathew	SS	New York City
Mambert, Aleda Caroline, B.S.	SS	Troy
Mancusi-Ungaro, Valentina	SS	Newark, N. J.
Mandel, Leon, 2d	SS	Chicago, Ill.
Mange, Winthrop Everett	SS	Ithaca
Manheimer, Robert Jacques	SS	New York City
Mank, Edith Webster, B.A.	SSAg Grad	Lawrence, Mass.
Mann, Nellie Lucina	SS	Newark, N. J.
Mann, William Holton	Ag	Glens Falls
Mark, Monroe Charles	SS	Amsterdam
Markarian, Jacob, A.B.	SS	West Pittston, Pa.
Markell, Ruth	SS	Pasadena, Cal.
Marks, Maxwell	SS	Cincinnati, Ohio
Marotte, Aida Jean	SS	Chambersburg, Pa.
Marple, Nathan Boileau	SS	Columbus, Ohio
Marsh, Irene Elizabeth	SSAg	Hornell
Marsh, Mary Elizabeth, B.S.	SS	Silver Springs
Marsh, Stuart Jenks	SS	West Hartford, Conn.
Marshall, Reed Crittenden	SS	Rochester
Marshall, Sara Alice	SS	Little Rock, Ark.
Martin, Alida Alice, M.S.	SSAg	Ogdensburg
Martin, Allen Bernard	SSAg	Ithaca
Martin, Earl Fletcher, B.S.	SSAg	Greenfield, Ill.
Martin, Eva Jones	SS SSAg	Agricultural College, Miss.
Martin, Joseph Hennon	SS	Edinburg, Pa.
Martin, Marie Louise	SS SSAg	New York City
Martin, Roy Lofton, B.A.	Grad	Puckett, Miss.
Martin, Mrs. Roy Lofton	SS SSAg	Starkville, Miss.
Martin, Verey G., B.A.	Grad	Puckett, Miss.
Martinez, Arthur Charles	SS	Bogota, Colombia
Mason, Elliott Butler, B. Arch.	SS	Milwaukee, Wis.
Mason, Sarah Esther	SS	Norwich
Masters, Helen Celia	SS	East Syracuse
Mather, Charles Ernest	SS SSAg	Montclair, N. J.
Mather, Erica Winifred	SS SSAg	Montclair, N. J.
Mather, John Card	SS	Pittsburgh, Pa.
Mather, Ruth Aileen	SS SSAg	Middlesex
Mather, Winifred Mary	SS	Montclair, N. J.
Mattern, Irene Mary	SSAg	Ithaca
Matthiessen, Ira Cornwall	SS	Chicago, Ill.
Maucieri, Michael A.	SS	Harrison
May, Antoinette Marie	SS	Buffalo
May, Florence Josephine	SS	Buffalo
May, John McClung, B.S.A.	Grad	Manhattan, Kans.
Mayer, William Lyndon, B.S.	Grad	Durhamville

Mayers, Helen Jean	SS SSAg	Brooklyn
Maynard, Homer Reamer	SS	Medina
Mead, Harvey Linwood, jr.	SS	New York City
Meeds, Gertrude Estelle	SS	Oakmont, Pa.
Meehan, Mary Agnes	SSAg	Brooklyn
Mege, Grace Emily	SS	Algeria
Meigs, Basil Clendenin	SS	Washington, D. C.
Mekeel, Amy Grace, A.M.	Grad	Trumansburg
Melvin, Emma, A.B.	SS	Knoxville, Tenn.
Menaker, Leonard Marx Areling	Ag	New York City
Menaker, Robert Owen	SS	Perth Amboy, N. J.
Menaker, Sopaie	SSAg	New York City
Menconi, Leonard	SS	Hastings-on-Hudson
Mendez, Jose Antonio	SS	Ithaca
Mendez, Mercado Pedro	SS	Ithaca
Meritt, Carl Lionel, S.B.	SSAg Grad	Tonawanda
Merlin, Iva Harkinson	SS SSAg	New York City
Merriam, Helen Wirt	SS	Washington, D. C.
Merrick, Charles Morris	SS	New Brighton, Pa.
Merrill, Enid	SS	Brookline, Mass.
Merrill, Harold Arthur	Ag	Ithaca
Merrill, Ida Louise	SS	Copenhagen
Merriman, Paul Rossiter, A.B.	Grad (P)	Ithaca
Merritt, Mary Louise Hayward	SS	Lockport
Mershon, Carrie Lois	SS	East Springfield, Pa.
Meyer, Charles A.	SS	Detroit, Mich.
Meyer, Esther	SSAg	New York City
Meyer, Harriet Millard	SS	Detroit, Mich.
Meyers, Annette Roslyn	SS	Detroit, Mich.
Michel, Rudolph, B.S.	SS	Baltimore, Md.
Mider, Carrol Arthur, A.B.	SSAg	Gloversville
Miffin, William Biddle	SS	Clayton
Mileham, Inez Harriet	SSAg	Johnsonburg
Milks, Vera Estelle	SS	Ithaca
Millar, Ione Margaret	SS	Detroit, Mich.
Millard, Harriett Lucile	SS	Dundee
Millemann, Raymond Joseph	SS	Brooklyn
Miller, Bertha Louise	SSAg	Clinton
Miller, Carrie Mae	SS	Bristol, Va.
Miller, Elma Dorothy	SS	Honesdale, Pa.
Miller, Emma Joanna, B.S.Ed.	SS	Brooklyn
Miller, Fannie Butcher	SS SSAg	Elmer, N. J.
Miller, Frank William	SS	Ithaca
Miller, Gertrude Marie	SS	Rochester
Miller, G. William	SS	Rochester
Miller, Grayce Jeannette	SS	Akron, Ohio
Miller, Ina Catherine	SSAg	Ithaca
Miller, Mabel Amelia	SS	Harrisburg, Pa.
Miller, Minnie, B.S.	SSAg	Brooklyn
Milligan, Lowell Haines, M.Sc.	Grad (P)	Columbus, Ohio
Millikin, Marguerite Young	SS	Wilmington, Del.
Millman, Clara	SSAg	Cortland
Milsner, Charlotte	SSAg	New York City
Miner, Margaret Root	SS SSAg	Rochester
Minnis, Joseph Fay, B.S.Ag.	SSAg	Bogard, Mo.
Mirasol, Amando, A.B.	SS	Manila, P. I.
Mirick, Lilian	SS	Wahpeton, N. D.
Mitchell, Alice Pauline, A.B.	SS Grad	Ithaca
Mitchell, Frank Bradford	Ag	Brooklyn
Mitchell, Helen Gladys George	SSAg	Ithaca
Mitchell, Mary Elizabeth	SS	West New Brighton
Mitchell, Ruth Virginia	SSAg	Ithaca
Mitman, Joseph C.	SS	Ithaca
Mix, Celsa Carnall	SS	Exeter, Cal.
Moffett, Eileen Marie	SSAg	Bradford, Pa.
Moller, Joseph Addison	SS	New York City
Monaghan, Margaret Gabrielle, B.A.	SS	New York City
Monk, Samuel Holt	SS	Selma, Ala.
Monroe, Robert L.	SS	Ithaca
Montenegro, Carlos	SS	Buenos Aires, Argentina
Moon, Merl Perrott, A.B.	Grad	Beaver Falls, Pa.
Moore, Adda Wallace	SS	Kenton, Ohio
Moore, Edwin Markley	SS	Coatesville, Pa.
Moore, Florence, A.B.	SS	St. Louis, Mo.
Moore, Mary Esther, A.B.	SS SSAg Grad	Womelsdorf, Pa.
Moore, Norman Slawson	SS	Ithaca
Moore, Philip Wilson	SS	White Plains
Moore, Willson Ellis	SS	Candor
Moran, Kathleen, B.A.	SSAg	New York City
Morehouse, Dorothy Mather	SS	Darien, Conn.
Morelli, Frederick	SS	Utica

Morelos, Jose Ramos, A.B.	SS	Manila, P. I.
Morey, Angela	SSAg	Schenectady
Morgan, Bertha	SS	Holyoke, Mass.
Morgan, Haydn M.	SS	Bellefontaine, Ohio
Morgan, Richard Rose	SS	New London, Conn.
Morgan, William Albert	SSAg	South Norwalk, Conn.
Morris, Fred Bishop	Ag	Shelbyville, Ind.
Morrisette, Charles Dodson	SS	Norfolk, Va.
Morrison, Lucy Ann	SSAg	Lowville
Morrison, Malcolm Chapman	SS	Ithaca
Morrow, Anne Horton, B.S.	SSAg	Ithaca
Morrow, Helen Leona	SS	Crane, Mo.
Morrow, Margaret Weir, B.S.	SSAg	Ithaca
Morrow, Ruth	SS	New York City
Morse, Charles Walter	SS	Amsterdam
Morse, David	SS	West Roxbury, Mass.
Morse, Frank Nicholas	SS SSAg	Aurora
Morse, Rowena Allen	SS	Ithaca
Morse, Virginia Mekeel	SSAg	Aurora
Mortimer, Lucie Elizabeth	SS SSAg	Washington, D. C.
Morton, Caroline, B.S.	SS	Ithaca
Moses, Alvin Clair	SS	Coaldale, Pa.
Mosher, Florence Margarite, A.B.	SSAg	Syracuse
Mosher, James Howell	SS	Ithaca
Mosher, Juliet Griffith	SS	New York City
Mosiman, Estelle	SS	Middletown, Ohio
Moss, Leland Bartlett	SS	Poughkeepsie
Mott-Smith, Robert Hartwell	SS	Honolulu, Hawaii
Mott-Smith, Stanley, M.E.	Grad (P)	Honolulu, Hawaii
Motycka, Anna	SS	Utica
Mowrey, Carl Francis	SS	Ithaca
Moyer, Anna Elizabeth	SS	Topton, Pa.
Mros, Martha Anna	SSAg	Plymouth, Pa.
Muenchinger, Mary Pauline	SS SSAg	Newport, R. I.
Muenschner, Walter Conrad, M.A.	Grad	Lynden, Wash.
Muller, Josephine	SSAg	Richmond Hill
Munro, Stanley Everett	Ag	Auburn
Murphy, Esther May	SS	Norwich
Murphy, Katharine	SS	New York City
Murphy, Ruth	SS	New York City
Murray, Eleanor Louise	SS	Buffalo
Murray, Ethel Lillian	SSAg	New York City
Murray, Jeane Isabel	SS	Buffalo
Murray, Mary	SSAg	Otisville
Murray, Regina Marie	SS	LeRoy
Murray, William Colman	SS	Dunkirk
Murtagh, Anna Louise	SS SSAg	Syracuse
Murty, Ruth Evelyn	SSAg	Clinton
Mutchler, John Powell	SS	Washington, D. C.
Mutchler, Marjorie	SS	Bayonne, N. J.
Mutner, Lillie Bernice	SS	New York City
Myers, Agnes Lavinia	SS SSAg	Pittcairn, Pa.
Myers, Cornelia Dorothea	SS SSAg	Springboro, Pa.
Myers, Doris, B.A.	Grad SS	Huntingdon, Pa.
Myers, Marietta Love	SS	Huntingdon, Pa.
Myers, Ruth Lowman	SS	Lowman
Nadel, Gustave Linhardt, B.S.	SSAg	New York City
Naden, Edwin Thomas	SS	Olympia, Wash.
Nadler, S. Joseph Rexwood, B.S., M.E.	Grad (P)	Gadsden, Ala.
Nagel, Alfred William	SS	Ensley, Ala.
Naiman, Anne Emily	SS SSAg	East Orange, N. J.
Navin, Stephen Joseph	SS	New York City
Nanz, Ralph Simpson, B.S.	SSAg	Ithaca
Neal, Howard Delet	SSAg	Scio
Neal, Margery, A.B.	SS SSAg	Mechanicsville
Nearpass, Laura Bennet	SSAg	Port Jervis
Neckers, Laura Bernice	SSAg	Clymer
Needham, Paul Robert	SSAg	Ithaca
Needham, William Reuel	SSAg	Ithaca
Needu, Maganti Bapi	Ag	Madras, India
Neill, Ruth	SS	Venice, Ohio
Neims, Mary Elizabeth	SS	Norfolk, Va.
Nelson, Bertha Tyler	SS SSAg	Brooklyn
Nelson, Hazel Warwick, B.A.	SSAg	Brooklyn
Nelson, Helen Irene	SS	Little Falls
Nelson, John Herbert, A.B.	Grad (P)	Spartansburg, S. C.
Nelson, Wallace	SS	Minerva, Ohio
Nesbitt, George Henry	SSAg	Mount Berry, Ga.
Nesbitt, Mary	SS	Moundsville, W. Va.

STUDENTS IN SUMMER SESSION

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Nesch, Harry Waggoner	SS	Pittsburg, Kans.
Neuenschwander, Paul Wells	SS	Aistersville, W. Va.
Neuhoff, Norman George	SS	St. Louis, Mo.
Neville, Willis Cushing	SS	Brooklyn
Newbury, Alice Elizabeth	SS	Middle Falls
Newell, Lawrence Whittier	SS	Tarrytown
Newkirk, Iva Brooks	SS SSAg	Elmer, N. J.
Newman, George Burgless, A.B.	Grad	Fryeburg, Me.
Newman, Henry Otis, B.Chem.	SS	Ithaca
Newman, Jacob Kiefer, jr.	SS	New Orleans, La.
Newton, Miles Coral	SS	Ithaca
Nichols, Mary Ginevra	SSAg	Watkins
Nichols, Melvin L.	Grad (P)	Dayton, Ohio
Nichols, Phillips Brooks	SS	Buffalo
Nichols, Walter Palmer, jr.	SS	Brooklyn
Nickerson, Paul Urban	SS	Needham, Mass.
Nicolaidis, George James	Ag	Sparta, Greece
Niedeck, Alliene Adell	SS	Ithaca
Nissen, John Peter	SS	New York City
Nobile, Joseph Charles	SS	New York City
Noble, Charlotte Frances	SS	Amsterdam
Noble, Mildred Imogene	SS	Cohocton
Nodine, Edna Hazel	SSAg	Yonkers
Nogi, Henry	SS	Scranton, Pa.
Noon, Estelle Chapins	SS SSAg	Hempstead
Noonan, Alma Elizabeth, A.B.	SS Grad	Elmira
Norris, Charles Augustus, jr.	SS	Boonton, N. J.
Norris, Leo Chandler, B.S.	Grad	Hornell
Norton, Laurence Joseph, B.S.	Grad (P)	Middle Granville
Norton, Mary W., B.S.	SSAg	Middle Granville
Nosek, Anton George	SS	Cleveland, Ohio
Noto, Rosa, A.B.	SSAg	New York City
Nugent, Mary Gertrude	SS	Pittsfield, Mass.
Oates, Helen Mary	SS	Norwich
Obenchain, Lolo Lovicia	SSAg	Greenville, Pa.
Oboza, Alfonso Gallardo	SS	Bani, Pangasinan, P. I.
O'Brien, Helen Agnes	SS	Dover Plains
O'Brien, Mary Madelene	SSAg	Lockport
Ochs, Martha	SS	Columbus, Ohio
O'Connell, Walter Christopher	SSAg	Ithaca
O'Connor, Katherine Mary	SS	Girard, Ohio
O'Connor, Mary Elizabeth	SS SSAg	Utica
O'Connor, William Henry	SSAg	Horseheads
Odell, Homer Chauncey	Ag	Hilton
O'Donnell, Howard Jerome	SS	Pelham
O'Donnell, Margaret Elizabeth	SSAg	Jamesville
Oehrlein, George Joseph	SS	New York City
Ogden, John Bennett	SS	Ithaca
Ohart, Lucrece Higbee, B.A.	SS	Depew
Olds, Ambrose Dean	SS	Toledo, Ohio
Oliver, Frances L.	SS SSAg	Belton, Texas
Oliver, Mattie Frances	SS	Bristol, Conn.
Oliver, Sadie Lee, B.S.	SSAg	Belton, Texas
Olivier, Victor Frederick, B.S., B.S.A.	SS SSAg Grad	Lichtenburg, Transvaal, South Africa
Oltz, Carl Henry	SS	Ithaca
Osborn, Irene May	SS	Morgantown, W. Va.
Osborn, Jesse Otto, B.A., M.A.	SS Grad (P)	Trinity, Ky.
Osborne, Kathalien Inez	SSAg	North Creek
Osness, William Nathan	SS	Dayton, Ohio
Oster, Helen	Ag	Brooklyn
Osthoff, Richard Henry Lee	SS	Hackensack, N. J.
Ostrander, Paul Duane	SS	Schuylerville
Otis, Alice Virginia Barbour, B.S.	SS	Fitchburg, Mass.
Otis, Watson Herman	SS SSAg	Fitchburg, Mass.
O'Toole, Ellen	SS	Trenton, N. J.
Outwater, Kate Sorrell, M.A., B.S.	SS	Washington, D. C.
Ovenshine, Eugene Samuel	SS	Camp Travis, Texas
Owen, Richard Leo	SS	Utica
Owens, Priscilla	SS	Ilion
Paddock, Hazel Edwena	SSAg	Elbridge
Page, Flora May	SS	Lebanon, Pa.
Page, Zoe Edith	SS	New Lexington, Ohio
Paige, Frederick Fremont	SSAg	Elmira
Paraiso, Ivan Garcia	SS	Lumbang, Laguna, P. I.
Pardo, Luis Althaus	SS	New York City
Parish, Zella Marie	SS	Ithaca
Parker, Bruce Atlee	SS	Ithaca
Parker, Cleantha Louisa, B.Pd.	SS SSAg	Detroit, Mich.

Parker, Naomi Bennett	SS	Albion
Parker, Pauline Ross	SS	Binghamton
Parker, Ralph Johnson	SS	Morris Plains, N. J.
Parkhill, R. Park	SS SSag	Rochester
Parrish, Eileen Dudley	SS	Roanoke, Va.
Parrott, Martha Toscan	SSag	Lake George
Parsons, Brainard North	SSag	Endicott
Parsons, Guy Charles	SSag	Endicott
Patch, Robert Buckingham	SS	Berkshire
Patterson, David Walker	SS	Philadelphia, Pa.
Pattinson, William John	SSag	Albany
Pattison, Blanche LeCompte	SS	Washington, D. C.
Pawley, Myron Gould	SS	Greenwich, Conn.
Payer, Hildegard Marie	SS	Schenectady
Payne, Anna Louisa, A.B.	SSag	Liberty
Payne, Irving Whittier, B.S.	SSag Grad	Shortsville
Payne, Lillian Williams	SSag	Liberty
Pearson, Frank Ashmore, B.S.Ag.	Grad	Beaver Falls, Pa.
Peck, Dorothy Estella	SS	Houghton
Peiffer, Martin Forest	SS	Ono, Pa.
Pearce, John Lincoln	Ag	Yorktown Heights
Pelonsky, Sarah Blanche	SS	New York City
Pendery, Marcelle	SS SSag	New York City
Pendleton, Olga	SS	Princeton, W. Va.
Pennock, Helen Iola	SSag	Olean
Pepin, Auguste, B.A., B.S.A., B.L.	SS Grad(P)	Deschoillons, Lotbiniere, Que., Canada
Perez, Jose Castro	SS	Alaminos, Pangasinan, P. I.
Perez y Diaz, Santiago Victor	SS	Havana, Cuba
Perregaux, Edmond Adrian	Ag	Lincoln, R. I.
Perrine, James Owen, A.B., M.S.	Grad (P)	Quincy, Ill.
Perrine, Margaret Hagaman Bergen	SS	Cranbury, N. J.
Peters, Damaris, B.E.	SS SSag	Camp Hill, Pa.
Peterson, Ernest Reinhold	SS	Dover, N. J.
Pfahler, Jean V.	SS	Wilkes-Barre, Pa.
Pfueger, John Seiberling	SS	Akron, Ohio
Phillips, Eva Elizabeth	SSag	Naples
Phillips, Frank Roy, B.S.	Grad	Decatur, Texas
Phillips, Pauline Electa	SS	Syracuse
Phillips, Richard Betts	SS	Boston, Mass.
Phipps, Alice Mabel	Ag	Seattle, Wash.
Phipps, Clifford Curtis, A.B.	SS SSag	Clintonville, Pa.
Pierce, David Henry, B.S.	SS Grad	Elmira
Pierce, Kent Willis	SSag	Adams
Pierce, Raymond Lee	SSag	East Aurora
Pigman, Augustus Penn	SS	Savannah, Ga.
Pille, Caroline Katharine, B.L.	SS	Ashland, Ohio
Pitcher, Lois	SS	Washington, D. C.
Pitt, Helen Adele	SSag	Canandaigua
Planellas, Ismael	SS	Ithaca
Plyler, Earle Keith, M.A.	SS Grad	Greenville, S. C.
Polakoff, Joseph	Ag	Brooklyn
Pollard, Frank Howell, B.Chem.	Grad (P)	Auburn
Pollard, George Murray	SS	Buffalo
Pond, Dorothy	SS	Crown Point
Poole, Hazel Bishop, A.B.	SS	Ocean Grove, N. J.
Popo, Jennie, A.B.	SSag	New York City
Porter, Mary Louise, Ph.B.	SS Grad (P)	Rock Hill, S. C.
Post, Donald John	SS	Waterbury, Conn.
Post, Mary Elizabeth	SSag	Corfu
Potter, Elnora Atwater	SS	Ithaca
Potter, Olin Chester	Ag	Collins
Pounder, Helen Ostella	SSag	Mahanoy City, Pa.
Powell, Desmond Stevens	SS	Waverly
Powell, Dorothy Louise	SSag	Norwood
Power, Evans Melicent, A.B.	SS	New York City
Powers, Anna Elizabeth	SSag	North Wilbraham, Mass.
Powers, David Edward, A.B.	SSag	Clinton
Powers, Florence May, A.B., A.M.	SS	Brooklyn
Praimakorn, Mom Chow	SS SSag	Bangkok, Siam
Pratt, Algeo Newell, B.S.	Grad (P)	Newark, N. J.
Pratt, Carlton S.	SSag	Marion
Prentice, Edith Marie	SS SSag	Horseheads
Prentice, Marion Hart	SS SSag	Detroit, Mich.
Prescott, Aleta Alice	SS SSag	Lawrence, Mass.
Preston, Kenneth Frank	SS	Binghamton
Prince, Amy	SS	New York City
Proctor, Milton David, B.S.	SSag	White Plains
Proebsting, Edward Louis, B.S.	Grad (P)	Medford, Oreg.
Pruitt, Naomi Aldine	SS	Delphi, Ind.
Pruner, Eudora Mae	SS	Buffalo

STUDENTS IN SUMMER SESSION

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Pujol, John B.	SS	Bolondion, Cuba
Pulley, Marion Gertrude, B.S.	Grad	Melrose, Mass.
Purdy, Gladys Mary	SSAg	Ossining
Quay, Jennie Etta	SS	Brooklyn
Quick, Charles Herbert	SS	Newton Centre, Mass.
Quimson, Mariano	SSAg	Alaminos, Pangasinan, P. I.
Quinlan, Anna Grace	SSAg	Middle Granville
Race, Carolyn Mae	SS	Herkimer
Radley, Vena Isabel	SSAg	Earlville
Rafferty, Virginia Loretta	SS	Moundsville, W. Va.
Rand, Elizabeth Prentiss, B.A.	SS	Brooklyn
Randolph, Lowell Fitz, Ph.B.	Grad	Alfred
Randolph, Percy Lloyd	SSAg	Fairport
Raresheid, Lillian May, A.B.	SSAg SS	Cincinnati, Ohio
Raring, Josephine A.	SS	Pottsville, Pa.
Ratelle, Ruth May, B.A.	SS Grad	Hempstead
Ratkowsky, Fannie, B.A.	SSAg	New York City
Raunheim, Beulah Berg	SS	New York City
Raunheim, Hattie	SS	New York City
Ravitch, Sophie	SS	New York City
Raymer, John George, B.A.	SS	Beaver, Pa.
Raymer, Paul Hutchison	SS	Beaver, Pa.
Rayner, Edward Engelbert	SS	Waverly
Reagan, Sarah Ellen	SS	Pittsfield, Mass.
Reddy, Alice Marie, A.B.	SSAg	New York City
Redoan, Carlos Rogelio	SS	Buenos Aires, Argentina
Reed, Clara Esther	SSAg	Naples
Reed, John Dayton	SSAg	Batavia
Reed, Louis Eckert	SS	Winterthur, Del.
Reese, Marion	SSAg	New York City
Reeves, Florence Turverey	SS	Cazenovia
Reeves, Jeremiah Bascom	Grad (P)	Sanford, N. C.
Regan, Anna Marie	SS	Doylestown, Pa.
Reich, Evelyn Valentine	SS SSAg	New York City
Reich, Jenneatte	SS SSAg	Newark, N. J.
Reidy, Margaret Mary, A.B.	SSAg Grad (P)	Ithaca
Reilly, George Kenneth	SS	Montclair, N. J.
Reinert, Hilda Louise Elizabeth	SS	Coplay, Pa.
Reis, Jacob Anthony, jr., A.B.	SS SSAg	Auburn
Reiser, Fanny Judith	SSAg	Brooklyn
Reisler, Elizabeth	SSAg	Quakertown, Pa.
Reissig, Bertha Mae	SS SSAg	Penn Yan
Reiter, Mildred	SSAg	New York City
Reitz, William Walter, M.S.	Grad	Spring Mills, Pa.
Rejon-Mendez, Enrique	SS	Izamal, Yucatan, Mexico
Remington, Ezra Potter, A.B.	SSAg	Rochester
Rew, Daisy Victoria	SSAg	Cobleskill
Reynolds, Agnes Gertrude, B.S.	SSAg	Bettlet, Vt.
Reynolds, Vivian Beatrice	SS	Wysox, Pa.
Rice, Elizabeth	SS SSAg	Midland, Mich.
Rice, Lee, B.S.	SSAg	Agricultural College, Miss.
Rice, Ruth Mary	SSAg	Beacon Falls, Conn.
Richards, Margaret Eva	SSAg	Naples
Richardson, Eulalie Alberta, A.B.	SS Grad	Rochester
Richardson, Harold Emery	SS SSAg	Boonville
Richardson, Luella Hattie	SSAg	Boonville
Rickabaugh, Laura Negley	SS	Altosna, Pa.
Riddell, John Calvin	SS	Salina, Kans.
Rider, Ruth Elizabeth	SSAg	Oneonta
Riedl, Florence R. G.	SSAg	Buffalo
Riedl, Regina J.	SSAg	Brooklyn
Rieger, Bella Lillian, A.B.	SSAg	Brooklyn
Rieger, Daisy Dorothy	SS	Baltimore, Md.
Riess, Margaret H. C.	SSAg	Baltimore, Md.
Riggle, Kathryn Marie	SS	Williamsport, Pa.
Rightmire, Delia Althea, B.S.	SSAg	Trumansburg
Riley, Cora Ethel, B.A.	SS Grad	Lawrence, Mass.
Riley, George Pratt	SS	Oklahoma, Okla.
Riley, Jane Elizabeth	SSAg	Elmira
Rinck, Carlman Martin	SS	Trenton, N. J.
Rivers, Lillian Mary	SS	Stevens Point, Wis.
Rizzo, Francis	SS	Brooklyn
Roach, Gertrude Elizabeth	SSAg	Buffalo
Robbins, Melvin	SS	New York City
Roberts, Charlotte	SS	Binghamton
Roberts, Edwin Allen	SSAg	Caledonia
Roberts, Florentine Knapp, A.B.	SS	Buffalo
Roberts, Garnett Frederic, B.S.	SS	Buffalo

Roberts, Henry Allison	SS	Ossining
Roberts, Mattie Hubbell	SS	Saratoga Springs
Robertson, Doris Eloise	SS	Churchville
Robins, Frances Faith	SSAg	Brooklyn
Robinson, Abner Theodore	SS	New York City
Robinson, Anna Elizabeth, A.M.	SSAg	New York City
Robinson, Esther Gertrude	SS	Cortland
Robinson, Jean	SS SSAg	Point Marion, Pa.
Robinson, Joseph Lawrence	SS	Bound Brook, N. J.
Robinson, Katherine Juanita	SS	Galveston, Texas
Robinson, Lena Mae	SSAg	Tunkhannock, Pa.
Robinson, Lucy	SS	Wheeling, W. Va.
Robinson, M. Edith	SSAg	Washington, D. C.
Robison, Everett Albert	SS	Dunkirk
Robyn, Ethel	SSAg	Clifton Springs
Rockwell, Sylvia Ella	SSAg	White Plains
Roda, Frank Conrad	SS SSAg	Walton
Rodruan, Lydia Georgine	SS	Wyomissing, Pa.
Roe, Earle Converse	SS SSAg	Mount Vernon
Rogers, Arthur Henry Norman	SSAg	Rochester
Rogers, Edna Mary, A.B.	SS	Hammond
Rogers, Laura Elizabeth	SS	Paterson, N. J.
Rogers, Louise Remington	SS	Eastport
Rogers, Mildred Kate, A.B.	SS SSAg	Wessington, S. D.
Roman, Louis	SS	Corona
Root, Helen Mariette	SS	New Orleans, La.
Rooten, Rose Hester	SS SSAg	New York City
Rose, Clinton William	SS	Ithaca
Rosen, Anna B., B.A.	SS	Brooklyn
Rosenquist, Eleanor Josephine	SS	Yonkers
Rosser, Jane	SS	East Orange, N. J.
Rotkowitz, Sophie	SS	New York City
Rough, Alma Corlista, A.B.	SS SSAg	Ontario
Rounds, Elizabeth Beatrice	SS	Carbondale, Pa.
Roux, Willan Charles	SS	East Orange, N. J.
Rouzer, Paul Charles, B.S.Ag.	SSAg Grad	Morgantown, W. Va.
Rowe, Gladys Margaret	SS	Wilkes-Barre, Pa.
Rowley, Persis	SS	Southbridge, Mass.
Roy, Edmund Adelbert	SS	Springfield, Mass.
Royer, Andria L.	SS	Helena, Ark.
Rubin, Abner Joseph	SS	Milwaukee, Wis.
Rubin, Elizabeth Ruth	SS	New York City
Rubin, Flora, A.B.	SS	East Orange, N. J.
Ruef, Anna Huldah	SS	Limestone
Rugh, Margaret Blanche	SS	Saltsburg, Pa.
Ruport, Arch	SS SSAg	Johnstown
Rusack, Gretchen, A.B.	SS	Yonkers
Rush, Anna Rita	SSAg	Brooklyn
Rush, Anna Smith	SSAg	Scottsville
Russell, Hanford George	SS SSAg	Binghamton
Rutenber, Charles Blackmer	SS	Carlinville, Ill.
Rutland, Jesse Blake, B.S. Ag.	SSAg Grad	Austin, Texas
Ryan, Edwin Colburn, jr.	SS	Winnipeg, Canada
Ryckman, Elizabeth Ruth	Ag	Brocton
Ryder, Gertrude Lilah	SSAg	New Rochelle
Sabloff, Alice	SSAg	New York City
Sagor, Lillian, B.A.	SS SSAg	New York City
Salabarría, Raul	SS	Havana, Cuba
Saldarriaga, Alberto	SS	Medellin, Colombia
Salomao, Elias	SS	Sao Paulo, Brazil
Sampson, Rose	SSAg	New York City
Sams, Gene, B.M.	SS	Nowata, Okla.
Sand, Austin Wertman William, B.S.	Grad	Lockport
Sanders, Gerald DeWitt, B.A., M.A.	Grad (P)	Pageland, S. C.
Sanders, Grace Evelyn	SS	Georgetown, Mass.
Sansing, Bess	SS	Blossom, Texas
Santilli, James Alfred	SS	Hazleton, Pa.
Santos, Melecio Manuel	SS	San Mateo, Rizal, P. I.
Sarmiento, Jose Antonio	SS	San Pedro de Macoris, Santo Domingo
Sarvay, Emma Amelia	SSAg	Carthage
Savage, Anne Cregan, B.A.	SS	Hornell
Savage, Bernard Alexander	SS	Elizabeth, N. J.
Scheer, Archie Donald	SS	Newark, N. J.
Schelbach, Alma Elizabeth	SSAg	Buffalo
Schiff, Rita Lesem	SSAg	New York City
Schill, Edmund	SS	Newark, N. J.
Schilling, Carl Emerson, B.S.	SSAg	Albany
Schilling, Ralph George	SSAg	Albany
Schlotzer, Bertha Maria, A.B.	SS SSAg	Gowanda

Schmauss, Carl John	SS	Buffalo
Schmerler, Mathilde	SS	Brooklyn
Schneck, Miriam Ida	SS	Allentown, Pa.
Schneidan, William Keith	SS	New Orleans, La.
Schneerson, Rose	SSAg	New York City
Schoellkopf, Esther Spring	SSAg	Buffalo
Schoenfeld, Adalyn Flora	SS	Philadelphia, Pa.
Schoepflin, Frederick Foeller	SS	Buffalo
Schofield, Samuel Biggs, A.B.	SS	Georgetown, Md.
Scholich, Grace Harriet	SS	West Hoboken, N. J.
Schott, Florence Hoecker	SS	Brooklyn
Schradieck, Henry Edward, B.S., M.S.	SS	Olean
Schreiner, Frederick Otto	SS	Johnsonburg, Pa.
Schreiner, Henry Phillip	SSAg	Buffalo
Schroder, Leonora	SS	Brooklyn
Schultheis, Henry	Ag	College Point
Schurman, Beatrice Munro	SS	New York City
Schurman, Catherine Forrest	SS	New York City
Schurman, Dorothy	SS	Ithaca
Schwaninger, Mary Alice, A.B.	SS	Trappe, Md.
Schwartz, Samuel, B.S.	SS	Brooklyn
Schwartzman, Herman	SS	Brooklyn
Schwenker, Charlotte Elizabeth	SS	Brooklyn
Scobey, Lotta Erard	SS	Moravia
Scoby, Vesta Nina, B.S.	SSAg	North Tonawanda
Scott, Charles Duff	SS	Toronto, Ont., Canada
Scott, Chester Brundrett	SS	Cleveland, Ohio
Scott, Esther Webb	SS SSAg	Sandy Spring, Md.
Scott, Nell	SS	Dallas, Texas
Scoville, Gad Parker, B.S.A.	SS	Ithaca
Seaman, Louise	SSAg	Ithaca
Seebach, Lester Warren	Ag	Harpster, Ohio
Seeley, Ralph Marion	Ag	Woodhaven
Seep, Joseph, 2d.	SS	Oil City, Pa.
Seidman, Amelia Dorothy	SS SSAg	Brooklyn
Sein, Jose Antonio	SS	Lares, P. R.
Sein, Rita Juana	SS SSAg	Lares, P. R.
Seitz, Cora Mary	SS	Buffalo
Seligman, Julia	SSAg	New York City
Sellers, Elizabeth	SS	West Chester, Pa.
Selzer, Norma Marie	SS	Evansville, Ind.
Senft, Edna Kate	SS	Spring Grove, Pa.
Senour, Raymond Gerard	SS	Bellevue, Ky.
Service, Robert John	SSAg	Kingston
Seubert, Elnora Veronica	SSAg	Camden
Severn, Orin Ray	SS	Ithaca
Seybolt, Crosby Jordan	SS	Oneonta
Seyfried, Francis Charles	Ag	Rochester
Shafran, Eugenia, A.B.	Grad.	New York City
Shalibo, Clarence Francis	SSAg	Union Springs
Shaner, George Faust	SS	Pottstown, Pa.
Shank, Eleanor Rose	SS	Baltimore, Md.
Shank, Grace Marie	SS	Baltimore, Md.
Shannon, Raymond Corbett	Ag	Washington, D. C.
Shannock, Sarah	SS	New York City
Shapiro, Morris	SS	Huntington, W. Va.
Sharar, Marguerite Rose	SS	Ithaca
Sharpe, Grace Lenore	SSAg	Ithaca
Shaw, Helen Irene	SS	Rockaway, N. J.
Shawger, Bertha Anna	SS	Brooklyn
Shea, Mary Jane	SS SSAg	Ravena
Shear, Elmer Vanderzee, jr.	Ag	Reading, Pa.
Shearer, Anna May	SS	Ithaca
Sneaker, Howard John	SS	Winstead, Conn.
Sneldon, David Leslie	SS	Bluefield, W. Va.
Shelton, Elizabeth, B.Mus.	SS	Shanghai, China
Shen, Tsi Hwei	Ag	Naples
Shepard, Dorothy Blake	SS	Lancaster
Shepherd, Henry Rudolph	SS	Wilkes-Barre, Pa.
Shepherd, Margaret Esther	SS	Pottstown, Pa.
Sheppard, Katharine Keirn, A.B.	SS	Yonkers
Sherwood, Dorothy Christie	SSAg	Ithaca
Sherwood, Glenn Orlando	SS	Spring Valley
Sherwood, Harold Tallman	SS	Lloyd
Sherwood, Warren George	SS	Ithaca
Shevalier, Marion Kathryn, B.S.	SS SSAg	Baxter Springs, Kans.
Shewalter, Ruth Mae	SS	Sullivan, Ind.
Shields, Emma Maude	SS	Orlando, Fla.
Shireman, Hazel Pauline	SS	Manchester, N. H.
Shiroyan, Haig Krikor	SS	Salem, Ohio
Shisler, Earl Randolph	SS	

Shlenker, Charles Newman	SS	New York City
Shoener, Florence Matilda	SS	Orwigsburg, Pa.
Shourds, John Standish	SSAg	Albion
Shutt, Lucinda Olva	SS	Colorado Springs, Colo.
Sidway, James	SS	Syracuse
Siegel, Louis Carl, B.S.	Grad	Brooklyn
Siegel, Rose, B.S.Ed.	SSAg	Brooklyn
Sievers, Albert William	SS	Hyde Park
Silberman, Rose	SS SSAg	Newark, N. J.
Silent, Harold Charles	SS	Los Angeles, Cal.
Simoes, Amando, jr.	SS	Brazil
Simonds, Walter Wesley, B.S.	Grad (P)	Rochester
Sims, Florence May	SS	Clinton
Sinclair, John	SS	Corning
Sinclair, Murray	SS	Corning
Skofield, Perley Fiske, B.S.	SSAg	Hampton, Va.
Skopp, Isidor	SSAg	Saratoga Springs
Skovgaard, Kristen Kristensen	Grad	Frennegard, Horsholm, Denmark
Slack, Julia Marshall	SS	St. Paul, Minn.
Slate, Paul Johnson	SS SSAg	Berkshire
Slater, Carolyn Penelope	SSAg	Ithaca
Slater, Orval Alton	SS	Dallas, Texas
Sleicher, Paul	SS	Albany
Slingerland, Kathryn Lillis, B.A., A.M.	Grad (P)	Manchester, N. H.
Sloan, Mildred Sherman	SSAg	Syracuse
Sloan, Robert James, jr.	SS	Syracuse
Slocum, Charlotte Ruth	SSAg	Binghamton
Slonaker, Paul Newton	SS	Leechburg, Pa.
Small, William Johnstone	SSAg	Niagara Falls
Smith, Ada Kezia, B.A.	SSAg	Oneonta
Smith, Corinne Isabel	SSAg	Auburn
Smith, Edwin Louis	SS	Elyria, Ohio
Smith, Ella	SS	Brooklyn
Smith, Elmer Kenneth, A.B.	SSAg	Rochester
Smith, Emily Virginia	SS	Sewell, N. J.
Smith, Fred August	SS	Brooklyn
Smith, Grace	SSAg	Penn Yan
Smith, Grace Hilda, B.S.	SSAg	Ithaca
Smith, Harry Theodore	SSAg	Union Springs
Smith, Helen Davis	SS	Binghamton
Smith, Howard Hazelton	SS	Houston, Texas
Smith, Ida Hazel	SS	Hamilton, Ont., Canada
Smith, Katharine Cecilia	SSAg	Troy
Smith, Laura Elizabeth	SS	Newark, N. J.
Smith, Leo Charles	SS	Chittenango Station
Smith, Lois Fredrica	SSAg	Ithaca
Smith, Lynn Harwood	SSAg	Elmira
Smith, Margaret Van Vorhis	SS SSAg	Victor
Smith, Marian Bennett	SSAg	Delhi
Smith, Marjorie Wilhelmina	SS	Honesdale, Pa.
Smith, Mary Elizabeth, A.B.	SS Grad	Mahanoy City, Pa.
Smith, Mary Eloise	SS	Ithaca
Smith, Richard LeGrande	SS SSAg	Trumansburg
Smith, Rosabell Gravatt	SS	Philadelphia, Pa.
Smith, Rupert Alfred, A.B.	SS	Auburn
Smith, Ruth	SSAg	Ithaca
Smith, Ruth Janette	SSAg	Waterloo
Smith, Sara Ross	SSAg	High Rock, Pa.
Smith, Seward Marcus	SS	Wilkes-Barre, Pa.
Smith, Verna Lois, A.B.	SS Grad	Mahanoy City, Pa.
Smith, Wetah Alice, B.A.	SSAg	Elmira
Smock, Ruth Adele	SS	Red Bank, N. J.
Snibbe, George William, jr.	SS	Catonsville, Md.
Snook, Esther L., B.S.	SSAg	Ithaca
Snyder, Bernard Clark	Ag	Franklinville
Snyder, Edna Gentry	SS	Ladoga, Ind.
Snyder, Jeannette	SS	New York City
Snyder, Marea Elizabeth	SS SSAg	Lockport
Snyder, Melvin E.	SS	Gary, Ind.
Solberg, Ingvald Ben	Ag	Ithaca
Solether, Alta Fern	SS	Jerry City, Ohio
Soloway, Israel Lawrence	C. E. Camp	New York City
Sosnowski, Helen Anastasia	SSAg	Freeland, Pa.
Sotomayor y Valenzuela, Alfonso	SS SSAg	Cordoba, Spain
Soutar, Anna MacKenzie	SS	Sandusky, Ohio
Southard, Townsend Franklin	SS	Ocean Side
Southwick, Beatrice Louise, B.A.	SSAg	New York City
Southworth, Lottie Emily, B.S.	SS	Canton
Spalding, Leland Fanning	SS	Providence, R. I.
Spangberg, Leonard Victor	SS	Ithaca
Sparks, Norman Robert	SS	Alameda, Cal.

Speidel, Marion Willhelmina	SS	Paterson, N. J.
Spencer, Laura May	SS	East Bank, W. Va.
Spencer, Leland, B.S.	Grad	Elmira
Spencer, Warren Gordon	SS	Whitney Point
Spindler, Mabel Clara, B.S.	SSAg	Olean
Spock, Leslie Erskine	SS	Babylon
Sprague, Susan Bidwell	SS	Greenwich
Springer, Gordon Bennett	SSAg	Interlaken
Springer, Irving David	SS	New York City
Sproale, Elizabeth Graham	SS	Watkins
Sproule, Joseph Thomas, B.S.	SSAg	Troy
Stanley, Maude Stetham	SS	Maywood, Ill.
Stanton, Clifford Alfred, A.B.	SS Grad	Utica
Stanton, Lola Jane	SSAg	Rochester
Stark, Jesse Donald	SS	Troy
Stark, Jessie Elizabeth	SS	Huntington, W. Va.
Starkloph, Alice	SSAg	Brooklyn
Starkweather, Marion Elizabeth	SS	Worcester
Steadman, Grace Eva	SS	Mansfield, Pa.
Stebbins, Edna	SS	Ithaca
Stedman, Katharine Marie	SS	Attica
Steinam, William Nathan	SS	Far Rockaway
Steinbeck, Bertha Anna	SS	Watertown
Steinberg, Pauline, B.A.	SSAg	New York City
Steinmetz, Elzoa Velma	SS	Bangor, Pa.
Steinschneider, Fanny	SS SSAg	New York City
Stelle, Lewis Randolph	SS	Scranton, Pa.
Stephens, John James	SS	Brooklyn
Sterling, Fred Gray	SS	Findlay, Ohio
Stern, Cosette	SSAg	Sea Cliff
Sternbach, Jacob Joel	SS	New York City
Sternberg, Edwin	SS	New York City
Sternhart, Dorothy Pauline	SSAg	Brooklyn
Sternhau, Howard Eisler	SS	New York City
Stevens, Donald Raymond, B Chem.	SSAg	Gary, Ind.
Stevens, Edward	SS	Newport, R. I.
Stevens, Ethel Kathryn, A.B.	SS	Roselle, N. J.
Stevens, Gertrude Aitken	SS	Union
Stevenson, Betty Noble	SSAg	New York City
Stevenson, Dorothy Jean	SSAg	Buffalo
Stevenson, Robert Lawrence	SS	Crafton, Pa.
Stewart, Dorothy LeComte	SS SSAg	New York City
Stewart, Lemuel Leight	SS	Bristol, Conn.
Stewart, Mary	SS	Washington, D. C.
Stewart, Norman Hamilton, A.B., M.S.	SSAg	Lewisburg, Pa.
Stewart, Ralph Walton	Ag	Geneva
Stewart, Roger Eaton, B.S.	SS	Ghent
Stillman, Lelia Clarine	SS	Lost Creek, W. Va.
Stilwell, Frank Richard	SSAg	Syracuse
Stinow, Mabel Belmonte	SS	Baltimore, Md.
Stoiljkovitch, Arandjel	SSAg	Vlasotintzi, Jugo-Slavia
Stokes, Elwood Haines	SS	Mt. Holly, N. J.
Stoltz, Edna Pearl	SS	St. Francisville, Ill.
Stone, Bergen Browne	SS	Corbettville
Stone, Elmore Becker, B.S.	SSAg	Dolgeville
Stone, Kenneth Milo	SS	Corbettville
Stone, Linton	SS	Wilmington, Del.
Stone, Paul McKinley	SS	Elmira
Stonham, Leona Florence	SSAg	Belmont
Storm, Mary Julia	SS	Honesdale, Pa.
Story, Margaret Hamilton	SS SSAg	Ithaca
Stotsenburg, Elizabeth	SS	Ridley Park, Pa.
Stott, Agnes Miller	SSAg	Blossburg, Pa.
Stottle, Sarah Helen	SS	Churchville
Stout, Lena Marion	SS	Ithaca
Stoving, Florence Elspeth	SSAg	Ithaca
Stowins, Elsie	SSAg	New York City
Strain, Howard Ford	SSAg	Cooperstown
Strauber, Annette Henria	SSAg	Brooklyn
Straup, Isabel Whitcomb	SS	New York City
Strawway, Ethel Floyozelle	SSAg	Groton
Strumpfier, Edythe Frances	SSAg	Brooklyn
Strunk, Edwin Hart	SS	Ithaca
Struthers, Archibald	SS	Yonkers
Su, Lo Chen, B.S., M.E.	SS SSAg	Yungting, Fu-Kien, China
Suiter, Vaughn Douglas	SS	Ithaca
Sullivan, Bertha Elizabeth	SS	Ithaca
Sullivan, James Francis	SS	Essex Fells, N. J.
Sullivan, John Joseph	SS	Ithaca
Sullivan, Joseph Alfred	SSAg	Ithaca
Sullivan, Mary Catharine	SS	Bandsville, Mass.

Sulzer, Lucy Elaine	SSAg	West New Brighton
Summerby, Robert	Grad	Ithaca
Sumner, James Frederick	Ag	Ann Arbor, Mich.
Sun, Ming Che	SS	Tientsin, China
Sunico, Francisco Taufer, B.A.	SS	Manila, P. I.
Sutherland, Jean Stewart	SS	Hamilton, Ont., Canada
Sutherland, Vernetta	SSAg	New York City
Suttle, Andrew Dillard, M.S.	Grad	Louisville, Miss.
Sutton, Caroline Miller	SS	Ithaca
Swan, Olive M., A.B.	SS	Endicott
Swank, Lauren Wilson	SS	Binghamton
Swann, Lelle	SS	Dallas, Texas
Sweeney, Raymond Gerald	SS	Binghamton
Sweigert, Olive Lucile	SS	Harrisburg, Pa.
Swezey, Elaine Martha	SSAg	Yonkers
Swift, Lucy Gertrude, B.S.	SSAg	Saratoga Springs
Symington, Edith	SS	Iowa Falls, Iowa
Sy-Quia, Pedro Michel, A.B.	SS	Manila, P. I.
Taber, Charles Emmons	SS	Charleston, Miss.
Taliaferro, Albert Pendleton, jr.	SS	New York City
Tan, Shao Fan, B.Chem.	SS	Tangshan, China
Tandy, Oscar G.	SS	Tampa, Fla.
Tang, Tsai Shua	Ag	Shanghai, China
Tang, Wen Au	SS	Changsha, China
Tarris, Venia, B.S.	Grad	Ithaca
Task, Mortimer	Ag	West Stoughton, Mass.
Taylor, Benjamin Langston, A.B.	SS Grad	Richmond, Va.
Taylor, Bertha Elmore	SS SSAg	Washington, D. C.
Taylor, Carolyn Darling	SS SSAg	Brookville, Pa.
Taylor, James Werneken	SS	Chicopee Falls, Mass.
Taylor, John Lloyd, B.S.	SSAg	Pittsburgh, Pa.
Taylor, Lillian Elizabeth, A.B.	SS SSAg	Owego
Taylor, Mary Louise	SS	Hamilton, Ont., Canada
Taylor, Merton Noye	SS	Holley
Taylor, Pauline Isabelle	SS	Rochester
Temple, Heber Holbrook	SS	Pittsburgh, Pa.
Tepperman, Frances, B.A.	SSAg	Brooklyn
Terrace, Florence	SSAg	New York City
Terry, Mrs. Natt G.	SS	Mount Enterprise, Texas
Tevonian, Hagop Puzant, B.S.	SS	Kasta, Armenia
Thalman, Wellington Albert, A.B.	SS Grad	Iowa Falls, Ia.
Thatcher, Clifford	SS	West Danby
Thayer, Paul Edward	SSAg	Ithaca
Thelin, Guy Alben, B.S.	Grad	Sioux Falls, S. D.
Then, John William	SS	Ithaca
Thomas, Amy Flint	SS	Ithaca
Thomas, Austin Kefauver	SS	Frederick, Md.
Thomas, Robert White, A.B.	SS	Ithaca
Thompson, Alvan C., B.S.	Grad	Cleveland, Ohio
Thompson, Bella Brooks	SS	Washington, D. C.
Thompson, Betty Howe	SS SSAg	Washington, D. C.
Thompson, Gladys Eula	SSAg	Albany
Thompson, Harold, B.S.E.E.	SS	West Point
Thoms, Joseph Chak, jr.	SS	Brooklyn
Thomson, Elizabeth McKinley	SSAg	Pittsburgh, Pa.
Thornhill, Sewell Edwards	SS	Sayville
Thorp, Katharine B.A., M.A.	SSAg	Ithaca
Thorpe, Leah Viola	SS	Ithaca
Thrall, William North	SS	West Rutland, Vt.
Thurston, Arelyn Carlotta	SSAg	Rochester
Thurston, Elisha Wadhams, B.S.Ag.	SSAg Grad	Hamburg
Thurston, Marinette Esther	SSAg	Rochester
Tice, Marie Kathryn	SS	Johnstown, Pa.
Tillotson, Emma Janet	SS	Brooklyn
Tillou, Alma Lucy	SS SSAg	Elma
Tillou, Mary	SSAg	Elma
Timm, Kenneth Baldwin	SS	Yonkers
Tinder, Rosa May	SSAg	Winston Salem, N. C.
Tingley, Edith	SS	Washington, D. C.
Tinio y Quijano, Manuel, A.B.	SS	Cabanatuan, Nueva Ecija, P. I.
Tinio y Quijano, Mariano	Ag	Cabanatuan, Nueva Ecija, P. I.
Tinkham, Mary Frances	SS	New Bedford, Mass.
Titchener, Alice McLellan	SS	Ithaca
Titus, Robert Noel	SS	Elmira
Toadvine, Stephen Purnell	SS	Williamsport, Pa.
Tobey, Donald Mortimer	SS	Sherburne
Tobey, Katherine Alice	SSAg	Ithaca
Tomes, Elizabeth Gerard	SSAg	Olean
Tompkins, Albert John	SS	Boise, Idaho

Tompkins, Helene, B.S.	SSAg.	Newfield
Tompkins, Karl Whitney	SS	Peekskill
Tompkins, Lewis Alva, jr.	SS	East Orange, N. J.
Toole, Virginia Camille	SS	Wilkes-Barre, Pa.
Torbert, Emily Constance	SS	Galveston, Texas
Torrey, Gilberta Gladys, M.A.	SS Grad	Cleveland, Ohio
Tourtlot, Mrs. G. E.	SS	Chitwood, Mo.
Towne, Beatrice Emma	SSAg.	Chadwicks
Towne, Raymond Wendell	SS	Waterbury, Conn.
Townsend, Eleanor Katharine	SSAg.	Baltimore, Md.
Townsend, Fanny Laney	SSAg.	Elmira
Townsend, Ray, B.S.	SSAg.	Peekskill
Townsend, Theodore Horton	Grad	Morrisville
Towsley, Lee Iran	Ag	Rochester
Tramontana, Barbara Marie	SSAg.	Auburn
Trani, Frank Joseph	SS	Brooklyn
Tranter, James Brereton	SS	Buffalo
Trescher, Fred Byers	SS	Jeannette, Pa.
Trethaway, William, jr.	SS	Wilkes-Barre, Pa.
Treu, John Edward	SS	Los Angeles, Cal.
Tribus, Lucien Hall	SS	New York City
Tseng, Te-Kuang	SS SSAg.	Shanghai, China
Tseng, Tsao Wen	SS	Shanghai, China
Tubbs, Laura Melvina	SS SSAg.	Candor
Tucker, Esther Alvena	SS	Shamokin, Pa.
Tuckey, Ruth Elizabeth	SSAg.	Washington, D. C.
Tullman, Celia Vera	SSAg.	Brooklyn
Tully, Eva Mary	SSAg.	New York City
Tumpson, Martha, Ph.B.	SS	New York City
Turgeon, Ford Wesley	SS	Buffalo
Turnbull, Annie Grace, A.B.	SS	Orange, N. J.
Turner, Alma Joyce	SS	New York City
Turner, Ella May, A.M.	SS Grad	Shepherdstown, W. Va.
Turner, James Arthur	Grad	Atlanta, Ga.
Turner, Llewellyn Vayle	Ag	Schoharie
Turner, Margaret Virginia	SSAg.	Oswego
Turner, Millie Ruth	SSAg.	Wilkinsburg, Va.
Tuthill, Dorothy Irene	SSAg.	Albany
Tuthill, Maude Altaea	SSAg.	Southampton
Tutschulte, Carolyn Mercedes	SSAg.	Richmond Hill
Tuttle, Ethel Louise	SSAg.	Warsaw
Tyler, Dorothy McGregor	SS	Palmyra
Tyler, Margaret Emily	SS	Palmyra
Tyson, Wayne LeCount	SS	Unadilla
Underhill, Janet	SS	Summit, N. J.
Urquhart, Jane McKelvey, A.B.	SSAg.	Ithaca
Ushioda, Seikichi	SS	Tokyo, Japan
Vale, Anita Adelaide, A.B.	SS	East Orange, N. J.
Van Arnam, Ralph N wcomb	SS	Beaver Falls
Van Denburg, James Reynolds	SSAg.	Saratoga Springs
Vanderlip, Arthur Nelson	SS	Tieten City, Wash.
Van Deusen, Mae	SSAg.	Ellenville
Van Dyne, Marjorie Clare	SSAg SS	Chevy Chase, Md.
Van Epps, Marguerite Frances, A.B.	SSAg.	St. Johnsville
Van Horson, Sophie Wright	SSAg.	Mount Vernon
Van Ness, Russell Terry	SS	Warwick
Van Volkenberg, Horatio Luther, B.S., D.V.M.	M.S.	Springville
Van Wagenen, Margaret Parker	SSAg.	Kingston
Van Wormer, Harry Mortimer	SSAg.	Waverly
Van Zandt, Fannie Brice, B.S.	SSAg Grad	Ithaca
Vaughan, Helen Frances	SS	Watertown, Mass.
Vaughn, Richard Owen, B.S.	Grad	Caledonia, Miss.
Veith, Charles Frederick, B.S.	SS	Philadelphia, Pa.
Velsey, Raymond DeWitt	SS	Grantwood, N. J.
Vere, Oscar	SS	San Juan, P. R.
Verrill, Richard	SS SSAg.	Portland, Me.
Vieweg, Hermann Frederick, B. Chem.	Grad (P) SS	Elmira
Vincent, Suella Dora	SS	Canastota
Visscher, Kate	SS SSAg.	Rochester
Vogel, Anna Marie	SS	New York City
Voigt, Emily Anna	SS	Brooklyn
Von Eiff, Mildred Theresa	SS	Washington, D. C.
Von Grimm, Ada Grace	SSAg.	Unadilla
Von Grimm, Andrew, jr., B.S.A.	SSAg.	New York City
Vonhold, Arthur Martin	SSAg.	Rochester
von Roeder, Alice Gertrude	SS	New York City
von Roeder, Luise Ottilie	SS	New York City

Vosburgh, Anneke, A.B.	SSAg	Greenwich
Vosburgh, George Francis	SS SSAg	Mechanicville
Vose, Richard Shepard, B.S.	Grad (P)	Spencer
Voss, Erma Nala	SS	Dallas, Texas
Vostry, Helen	SSAg	New York City
Wadsworth, Frank, jr.	SS SSAg	Newark, N. J.
Waesche, Marie Eleze	SS	Washington, D. C.
Wagar, Eva Murison	SSAg	New Rochelle
Waghorn, Gladys Agnes	SS	Brooklyn
Wagner, Clara Ellen	SS	Lock Haven, Pa.
Wagner, Russell Halderman, A.B.	SS Grad	Adrian, Mich.
Waldbillig, Margaret, Pd.B.	SSAg	Albany
Walbridge, Grace Starr	SS	Oxford
Waldron, Ruth Allison	SS	St. Louis, Mo.
Waldron, Stanley Harry Norman	SS SSAg	Honolulu, Hawaii
Walker, Elizabeth Ashburn	SS	Batavia
Walker, Grace Allen	SS	Washington, D. C.
Walker, Lewis Edgar, B.S.	SSAg	Moriah
Walker, Lillian Esther	SSAg	Brooklyn
Walker, Mabel Grace	SS	California, Pa.
Walker, Norma Christine	SSAg	Silver Creek
Wallace, Emma Dolly	SS SSAg	Chelsea, Mass.
Wallace, Jennie Eastman	SS SSAg	Chelsea, Mass.
Wallace, Margaret Roberta, A.B.	SS	Washington, D. C.
Waller, Dorothy Marion	SS	Corry, Pa.
Walsh, Edward Francis	SSAg	Fort Edward
Walters, Jennie	SS	Lock Haven, Pa.
Walton, George Willever, Ph.B.	Grad SSAg	Myerstown, Pa.
Wang, Li Zan	SS	Honau, China
Warager, Emma Louise	SS	Brooklyn
Warburton, Fred William	SS	Groton
Ward, Elsie Clara	SS	Gloversville
Ward, Miriam	SSAg	Wellsville
Ward, Narka, A.3.	SS	Bellows Falls, Vt.
Ward, Zoe, A.B.	SS SSAg	Bellows Falls, Vt.
Warde, Ethel May	SS	Washington, D. C.
Warne, Colston Estey, M.A.	Grad (P) SS	Ithaca
Warner, Anna Esther	SSAg	North Rose
Warner, Jennie Elma	SS	Horseheads
Warner, Kenneth, M.E.	SS	Milford, Conn.
Warren, Donald Howe	Ag	Ellensburg
Warren, Edward William	SS	Ithaca
Warren, Florence Annie	SS	Gorham, Me.
Warren, Raymond Maplesden	SS	Morrisville, Vt.
Washburn, Albert Owens	SS	St. Paul, Minn.
Washburn, Clara May	SS SSAg	New Britain, Conn.
Washburn, Hubert DeVere	SSAg	Lorraine
Washington, John Clement	SS	Washington, D. C.
Waters, Murray Goldsborough	SS	Baltimore, Md.
Waters, Suzanne Beatrice	SS	Washington, D. C.
Watkins, Oliver Morton	SSAg	Newark Valley
Watt, Charles Matthew	SS SSAg	Yonkers
Watt, Mildred, B.A.	SS	Ithaca
Watt, Ronald George	SS	Honolulu, Hawaii
Watts, Thelma Baldwin	SS	Richmond, Va.
Way, Myra Townsend	SSAg	Ocean View, N. J.
Weaner, Reubannah Shirley	SS	DeLand, Fla.
Webber, Hattie Beatrice	SSAg	Boston, Mass.
Webster, Cora Marie	SS SSAg	Baltimore, Md.
Webster, Margaret Aileen	SS	Elbridge
Weddle, Amy Victoria	SS SSAg	New York City
Weedon, Caroline Elizabeth	SS SSAg	Washington, D. C.
Weeks, Lester Frank, B.S., A.M.	Grad (P)	Randolph, Me.
Weeks, William Donald	SS	Auburn
Weidman, Florence Elizabeth	SS	Camden, N. J.
Weintraub, Sophia, B.A.	SSAg	Brooklyn
Weiselberg, Isidore	Ag	New York City
Weiss, Isidor	SS	New York City
Wellenkamp, Belle Gardner	SS	Hammondsport
Welliver, Blanche Elizabeth	SSAg	Elmira
Wells, Helen Marie	SSAg	Brooklyn
Wenberg, Amelia Albertina	SSAg	Laurelton
Weneka, Violet	SS	York, Pa.
Werly, Berlyn McIntyre	SS	Ithaca
Wessells, Emily Margaretta	SS	Elizabeth, N. J.
West, Arthur Matthew	SS	Rhinebeck
West, Grace Walrond	SS	Brooklyn
West, Jean Wardlaw	SS SSAg	Oklahoma City, Okla.
West, Luther Shirley, B.S.	Grad	Owego

Westcott, Norma Alberta	SS	Rushford
Westendorf, Alfred Joseph	SSAg	Springville
Wheatley, Emma	SS	Cleveland, Ohio
Wheatley, Laura Amelia	SS	Cleveland, Ohio
Wheeler, Elmer Ellis	SSAg	Holcomb
Wheeler, Lawrence A.	SSAg	Candor
Wheeler, Mary Waterbury, B.S., M.A.	SS	Albany
Wheeler, Marye Thompson	SS	Falmouth, Va.
Wheeler, Myrtle Brooks	SS	Falmouth, Va.
Whipple, J. Carolyn, A.B.	SS	Brooklyn
Whitcomb, Helen Hurd	SS SSAg	Gowanda
White, Karin Andreevna, A.B., B.S.	SSAg	Ithaca
White, Edna Elmira	SS	Mohnton, Pa.
White, Ethel Willis	SSAg	Roanoke, Va.
White, Henry Chadwick, B.S.A.	SSAg	Syracuse
White, Herbert Linwood, B.S.	SSAg	Canton
White, Sarah Kellogg	SS	St. Joseph, Mo.
Whitehill, Alfred Aloysius, B.S.	SSAg	Brooklyn
Whitley, George Aldridge	SS	Rochester
Whitman, John Rogers, B.S.	SSAg Grad	Centralia, Mo.
Whitmore, Samuel Clair	SS	Corry, Pa.
Whitney, Mari Francis	SS	Kansas City, Mo.
Whitson, Donald Dickson	Ag	Afton
Whittaker, Alice Edna	SS	Atlantic City, N. J.
Whittemore, Theresa Hope	SS	Portland, Me.
Wicks, Elma	SSAg	Jamaica
Widing, Joseph William	SS	Philadelphia, Pa.
Wiedorn, William Shafraath, B.S.	Grad (P)	Waterbury, Conn.
Wiegand, Phillip Henry	SS	Milwaukee, Wis.
Wiener, Richard Leopold	SS	Akron, Ohio
Wiggin, Robert Burr	SS	Scarsdale
Wilcox, Emma	SS SSAg	Detroit, Mich.
Wilder, Bertha	SSAg	Ithaca
Wilder, Malcolm Townsbury	SS	North Holston, Va.
Wilkins, Genevieve King	SS	Brooklyn
Wilkins, Joseph Fellows	SS	Selma, Ala.
Wilkinson, Henry Bernard	SS	Baileys Bay, Bermuda
Wilkinson, Lucille Warfield	SS SSAg	Washington, D. C.
Willcox, Elizabeth Deall	SS	West New Brighton
Williams, Anna	SSAg	Boonville
Williams, Burr Fiske, A.B.	SS SSAg	Rochester
Williams, Charles Blamphin	SSAg	Elmira
Williams, Daniel Luther, B.S.A.	Grad SSAg	Jackson, Miss.
Williams, Eleanor Mae	SSAg	Pittsburgh, Pa.
Williams, Ethel May, A.B.	SS Grad	Ithaca
Williams, Eugene Monroe	SS	Maryville, Tenn.
Williams, Fred Tallis	SS	Buffalo
Williams, Harrison Brainerd	SS	Binghamton
Williams, Kate	SS	Wilkes-Barre, Pa.
Williams, Lucy Mendenhall	SS SSAg	Little Rock, Ark.
Williams, Mary Edith, Ph.B.	SS	Oneida
Williams, Mary Emma, A.B.	SSAg	Jackson, Miss.
Williams, Robert Lyle	SS	Pontiac, Mich.
Williams, Ruth Loretta	SSAg	Hilton
Williams, Victor Jackson	SS	Bolivar
Williams, William Norman	SS	Schenectady
Williamson, Frank Shaver	SS	Frankfort
Williamson, Viola Baxter	SS	Glassboro, N. J.
Willisford, Laverne Harold, B.S.	SS	Corning
Wilmot, Jennie Sophia	SSAg	Rushford
Wilson, Carl Louis, M.A.	Grad	Lorain, Ohio
Wilson, David Roy	SSAg	Watervleit
Wilson, Emma Hansuer	SSAg	Ithaca
Wilson, Hazel Gertrude	SS	Jamestown
Wilson, Mildred Fay	SS	Ithaca
Wilson, William Augustus	SS	Wabash, Ind.
Winchester, Mildred, A.B.	SS	Holliston, Mass.
Winters, William Englehard	SSAg	Batavia
Wisdom, John Abner, B.S.A.	SSAg	St. Catherine, Mo.
Wise, William Franklin	SS	Washington, Ind.
Wittlief, Bertha Gertrude	SS	Buffalo
Witton, Rosalind Cameron	SS	Hamilton, Ont., Canada
Woche, Reginald Frederick	SS	Yonkers
Woerner, Wilhelmina	SS	Lancaster, Pa.
Wohlenberg, Fred Harold	SS	Fort Worth, Texas
Wohlhueter, Lucy Victoria	SS	Buffalo
Wolcott, Henry Freeman	SS	West Hartford, Conn.
Wolcott, Lawrence	SS	West Hartford, Conn.
Wolf, Augusta	Ag	Brooklyn
Wolff, Howard	SS	Brooklyn
Wolff, Irving, B.S.	Grad (P)	New York City

Wolf from, Carlos Eugene	SSAg	Spencerport
Wolf from, Maybelle Clark	SSAg	Cobleskill
Womersley, Grace Merrill	SS	Washington, D. C.
Wood, Amelia Louise, B.S.	SSAg	Towanda, Pa.
Wood, Arthur Edward, B.S.	SS	Hamilton
Wood, Harrison	SS	Rutherford, N. J.
Wood, Henry Lewis, B.S.	SS Grad	Woodford
Wood, Margaret	SS	Nicholasville, Ky.
Wood, Mary Louise	SS	Washington, D. C.
Woodall, Olive, A.B.	SSAg	New York City
Woodcock, E. Irene	SS	Niles, Ohio
Woodcock, Fletcher Howard	SS	Spencer, Iowa
Woodcock, Thursia May	SS	Spencer, Iowa
Woodman, Marian	SS SSAg	New York City
Woodruff, Mildred Reeves	SS	Trenton, N. J.
Woodruff, Sylvia Wells, A.B.	SS	Hamburg
Woods, Don Thomas	SS SSAg	White Pigeon, Mich.
Workman, Roy Hiram	SS	Lititz, Pa.
Works, Helen	SSAg	Ithaca
Wornal, Eva Dickerson	SS	Princeton, W. Va.
Worster, Roland	SSAg	Elmira
Wortis, Sadel	SSAg	Brooklyn
Wright, Charles Arthur, B.S., M.B.A.	SS	Perth Amboy, N. J.
Wright, Donald Allerton	SSAg	Rochester
Wright, Ehrick Hanford	SS	New York City
Wright, Eleanor, B.S.	SS	Baldwin, Md.
Wright, Gertrude Victoria	SSAg	Chattanooga, Tenn.
Wright, Harry Davis	SS	Lima, Ohio
Wright, Jennie Ruth	SS	Akron, Ohio
Wright, Mattie Ellen, A.B.	SS	Uniontown, Pa.
Wright, Nellie Rose	SS	Moravia
Wu, Chenfu Francis, B.S., M.A.	Grad	Shanghai, China
Wurtzman, Pearl Paula	SS SSAg	Batavia
Wyckoff, Norman Ross	SS	Pittsburgh, Pa.
Wysang, Mary Elizabeth	SS	Florence, S. C.
Wysang, Norma Howle, A.B.	SS	Florence, S. C.
Yang, Hwan Tao	SS	Tientsin, China
Yang, Pao Kong	SS	Wan Wasih, Kiang Sau, China
Yarbrough, William Burton	Ag	Plattsburg, Miss.
Yates, Everett Claudius, B.S.	SSAg Grad	New York City
Yavits, Isadore, B.S.	SSAg	Schenectady
Yellen, Irving	SS	Buffalo
Yen, Louis Jen Jseng	SS	Tientsin, China
Yerkes, May Ruth, A.B.	SS SSAg Grad	Romulus
Yocum, Ezra Phelps	SS	Easton, Pa.
Young, Charles Conklin	SSAg	Sayre, Pa.
Young, Frances Delia	SS SSAg	Elmira
Young, Harry Pestana, B.S.	Grad	Tunkhannock, Pa.
Young, Marion Owen	SS	Corry, Pa.
Young, Paul Rexford, B.S.	Grad	Ithaca
Zametkin, Alice Keane	SS	Jamaica
Zametkin, Laura Keane	SS	Jamaica
Zapata y Torres, Miguel	SS SSAg	Cabo Rojo, P. R.
Ziegler, Helen Alexander	Ag	Jamaica
Zimber, Genevieve Catherine	SSAg	Salamanca
Zingone, Anthony	SS	New York City

STUDENTS IN THE WINTER COURSES IN THE COLLEGE OF AGRICULTURE 1921-22

Abendschein, Harold M.	Buffalo	Dalrymple, John M.	New York City
Abenshene, Artaur V.	Clifton Springs	Dann, Stanley R.	Horseheads
Ackles, Homer H.	Marietta	Danser, Jay W.	Akron
Adams, John B.	Pass Christian, Miss.	Darling, Lawrence L.	Sidney
Adee, Gordon W.	New Kingston	Darrow, Grace L.	Edinboro, Pa.
Agle, Allen H.	Eden	Davidson, William R.	Cooperstown
Agle, Elmer F.	Eden	Davis, Edwin A.	Bergen
Allen, Grace P.	Saugerties	Day, Annie T.	New York City
Ansorge, Adolph	Maywood, N. J.	Dean, Myron R.	Delaware, N. J.
Archer, Floyd E.	DeRuyter	DeLong, Elwin R.	Hudson Falls
		DeLong, Howard E.	Fulaski
Backer, Douglass S.	Ava	Denman, Herbert T.	Itasca
Baker, Emmett	Charlotteville	Deyo, Morris E.	Marion
Balogh, John J., jr.	Poughkeepsie	Dieckmann, Ernst J.	Elm Grove, W. Va.
Barber, Mary O.	Barberton, Ohio	Dorn, John A.	Castleton
Barron, George J.	LaSalle	Drew, Van DeVort G.	Warwick
Barse, George R.	Fort Worth, Texas	DuBois, Harry T.	New Patz
Barth, Ernest C.	New Britain, Conn.	DuBois, Henry W.	New Patz
Bauer, Arthur L.	Eden	Dull, Milton M.	Harrisburg, Pa.
Bay, Maurice R.	Canandaigua	Dunn, Sallie D.	Itasca
Beattie, John L.	Cambridge	Durkee, George J.	Avon
Becker, Carl W.	Grove City, Pa.		
Beggs, Elwood C.	Ransomville	Eddy, Robert J.	Hillsdale
Behm, Lester W.	Fayetteville	Edson, Edith M.	Rochester
Bennett, Lester J.	Utica	Ellis, Fenwick L.	Buffalo
Bergen, Norman	Brooklyn	Emblidge, Frank P.	Buffalo
Besemer, Walker T.	Brookton	Engelke, Conrad J.	Maspeth
Biddle, Harold W.	Philadelphia, Pa.	Estey, Mark C.	Orleans
Blackchief, Inez M.	Akron		
Bomberry, Juanita	Red House	Fancher, Edwin S.	Middletown
Boyd, Stephen G.	York, Pa.	Felthousen, James E.	Niskayuna
Bradley, Everett P.	Mt. Holly, N. J.	Field, Anthony W.	Springs
Breckenridge, James M., jr.	Savannah, Ga.	Fitzgerald, Edmund D.	Glens Falls
Bredel, Clara H.	Buffalo	Flack, Arthur E.	Rochester
Brumley, Dewey F.	Union Grove	Franklin, Harold A.	King Ferry
Brondz, Isadore	New York City	Freeland, Lester M.	Dunkirk
Brooks, Arthur S.	Hastings-on-Hudson	Freyschmidt, Rudolph W.	Charleston, S. C.
Brooks, Maude S.	Itasca	Fried, Ella L.	Pittsburgh, Pa.
Brown, Donald C.	Edwards	Fritz, Harry W.	Cumberland, Md.
Brown, Lawrence M.	Cherryplain	Fuller, Forris D.	Itasca
Buckland, George R.	Warsaw		
Buell, Douglas M.	Irondequoit	Garritt, Joshua S.	Schuyler Lake
Bulin, George V.	Brooklyn	Garton, Leonard J.	Atlantic City, N. J.
Bullinger, Louis M.	Highland	Gaudern, Stuart B.	Manlius
Burgwardt, Lester C.	Hamburg	Gauntt, Fred	Jobstown, N. J.
Burnett, Alfred T.	Oak Hill	George, Dennison W.	Nedrow
Bury, Kenneth	Roscoe	Gibson, Robert	Garrison
Butts, Thomas R.	Hedgesville, W. Va.	Gibson, William S., jr.	Garrison
Bye, Albert G.	Delhi	Gi'ford, Lyle R.	Clymer
		Gills, Cecil R.	Grove City, Pa.
Carpenter, Robert J.	Itasca	Gotoff, Nathan	Hurleyville
Carpenter, Walton T.	White Plains	Grampp, William M.	Yonkers
Case, Edson I.	Canandaigua	Grauerholz, Fred G.	Union Course
Casselman, Gerwood G.	Black River	Green, Paul D.	Binghamton
Charles, Ira	Akron	Grimmer, Henry I.	Highland, Ill.
Cheney, Alfred M., jr.	Benus Point		
Cheney, Asa B.	Benus Point	Hale, Wells L.	Mystic, Conn.
Clark, Charles E.	Still Pond, Md.	Hall, Lyle D.	Burt
Clark, Fred F.	Brooklyn	Hallock, Charles W.	Eastport
Clark, Marvin L.	Walworth	Hamann, Kai G.	Copenhagen, Denmark
Cole, Earl	Ballston Spa	Harding, Hamilton R.	Itasca
Cole, Ezra D.	Albion	Harding, Stanley W.	Breesport
Connelly, William A.	Schenectady	Harrington, Glenn A.	Batavia
Converse, Charles E.	Clifton Springs	Hart, Charles H.	Rochester
Cooper, David W.	Mattituck	Hart, Lane S.	Duncannon, Pa.
Cooper, William J. B.	Athens, Pa.	Hatch, Forrest W.	Auburn, Maine
Covert, Leonard B.	Owasco	Heinen, George S.	Milton, Pa.
Crispell, Harry T.	Slaterville Springs	Helms, Orson J.	Randolph
Crispell, Norris	Slaterville Springs	Henry, Lillian B.	Sanborn
Crouse, Ernest R.	Steamburg	Henry, Verna	Sanborn
Crowley, Jerry F.	Hudson Falls	Hepworth, Claude J.	Milton

Heron, Norbert	Hogansburg	Mt. Pleasant, Hamilton	Sanborn
Hesson, Willis G.	Barker	Muller, George H.	Kingston
Hilborn, Hugh R.	East Rochester	Murphy, Joseph V.	Delaney
Hill, Russell	Akron	O'Dell, Giles R.	Eagle Valley
Hodorff, Leonard H.	Buffalo	Ohert, Carl W.	Niagara Falls
Hoffmann, Jakob	Bronxville	O'Keefe, Maurice D., jr.	New Dorp
Howard, Donald E.	Holley	Olsen, Sigurd W.	Milford, Pa.
Howe, Worthington P.	Morristown	Otis, Charles D.	Aurora
Howland, Archie E.	Ludlowville	Otis, John H.	Milbrook
Huckle, Herbert T.	Clyde	Outterson, Bessie	Ithaca
Hucko, John A.	Pine Island	Paisley, Scott E.	Cumberland, Ohio
Huggans, Herbert I.	Shavertown	Papadi, George F.	New York City
Hulth, Ernst J.	Schenectady	Parker, Everette K.	Akron
Jacobs, Bula A.	Syracuse	Patterson, John W.	Sanborn
Jacobs, Genevieve	Hogansburg	Pearce, Ernest C.	Stanley
Jaynes, Cornelia	West Edmeston	Peck, Willard H.	Schuylerville
Jewett, Edward R.	Berkshire	Pepper, Emsley V.	Middle Granville
John, Adelbert	Red House	Pershing, Antoinette	Pineville, Pa.
Johnson, Daniel H.	McGraw	Pershing, Edward H.	Pineville, Pa.
Jolley, Vincent O.	Williamson	Pfost, Alfred E.	Brooklyn
Jones, J. Arthur	Locke	Pomeroy, Burdette	Oakdale
Jones, James E.	Lycoming	Powell, Carson E.	Canandaigua
Keel, Willy	Lake View	Powell, Gaylord C.	West Salem, Ohio
Kempton, Oliver C.	Port Chester	Pratt, Elwell B.	Ontario
Kendall, Tryon C.	Reading, Pa.	Pribeik, Walter H.	Sodus
Kendrick, Joseph M.	Catskill	Price, Frank D.	Easton, Pa.
Kennedy, Alyce E.	Irving	Prichard, Lloyd D.	Homer
Kennedy, Charles A.	Mount Morris	Purdy, Arthur B.	Port Crane
Kiehl, Eva M.	Lancaster, Pa.	Quigley, Thomas	Port Richmond
Kirk, Donald U.	Grove City, Pa.	Radant, Walter A.	Gasport
Kirsch, Frederick W.	Ovid	Rathbun, Dean O.	Cooperstown
Klindt, Marie	Oneonta	Reed, Francis I.	New Berlin
Kline, Clara A.	Williamsville	Reed, Herbert H.	Rochester
Knauss, Alexander M.	Poughkeepsie	Reeves, Nelson W.	Palmyra
Lafever, Ira C.	Beaver Dams	Reid, Edson C.	Franklin
Laird, Grace	Brooklyn	Rhodes, Marion E.	Elmira
Landon, Earl S.	Lima	Rice, Martin R.	Ithaca
Lennox, John A.	Morris	Richardson, Walter R.	Coal Center, Pa.
Levy, Anna M.	New York City	Riemen, William A.	Sioux City, Iowa
Lilly, Arthur A.	Belmont	Roat, Gordon J.	Canandaigua
Linderberry, Charles H.	Ludlowville	Roberts, Harold A.	Hebron
Logan, Enos	Versailles	Robinson, Archer W.	Riverhead
Logan, Lenore V.	Irving	Rockwell, Henry H.	Nedrow
Logan, Morgan N.	Poughkeepsie	Rogers, Ralph A.	Hempstead
Luther, Hiram E.	Barton	Rosenberg, LaSalle	Spring Glen
McGill, John, jr.	Cumberland, Md.	Rosenthal, Leo	Brooklyn
Mack, Harold A.	New Berlin	Rothgeb, Dee W.	Luray, Pa.
McKinley, William J.	Brooklyn	Rowe, Lester P.	Newark
McMillian, Roy J.	Wilson	Runions, Maude M.	Ithaca
Macy, Silvanus J., jr.	Avon	Russell, Clarke E.	Johnson City
Madden, Harry D.	Ithaca	Russell, Shirley L.	Ilion
Maltby, Lawrence R.	Adams Center	Ryan, Louis H.	Saranac Lake
Mann, Lawrence A.	Schenectady	Schafer, Ethel C.	Dunkirk
Manning, Albert E.	Fort Plain	Schafer, Milton B.	Dunkirk
Marble, Dean R.	Holcomb	Schettler, Albert	Blasdell
Marks, Edward T.	Wilson	Schneebeil, Karl	Nazareth, Pa.
Marks, Harold A.	Plymouth	Schoonmaker, John R.	Roscoe
Marschke, Karl F.	Lakeville	Schrader, Charles A.	Rochester
Marshall, Perry W.	Watkins	Schuler, Albert J.	Scotia
Marshalsea, Walter E.	Closter, N. J.	Schult, Joachim J.	Hilton
Mathews, Frank W.	Utica	Scott, Harvey M.	Trumansburg
Mead, Leon H.	Hudson Falls	Sherman, Earl A.	Buskirk
Mearson, Charles	Hurleyville	Sherwood, Bradford L.	Barker
Mearson, Frances	Hurleyville	Shoemaker, Oliver B.	Whittier, Cal.
Mellin, Ragner N.	Ithaca	Skenandore, Amelia	Syracuse
Merrill, Albert E.	Auburn, Maine	Skye, Myra J.	Akron
Meyer, Harry T.	Clator, W. Va.	Smilie, James C.	New York City
Mills, Beverly G.	Gloversville	Smith, Cecil E.	Hermon
Mills, Murray P.	Gouverneur	Smith, Leon B.	Victor
Minar, George E.	Ithaca	Smith, Robert A.	Kendall
Miner, Clarence R.	Wolcott	Smith, Stanley W.	Rodman
Mollenhauer, Henry	Rosendale	Snyder, Roscoe F.	Red House
Moller, William F.	Hoboken, N. J.	Sprute, William F.	Lake Huntington
Moore, Thomas R.	Schenectady	Stalker, Edward A.	Rochester
Morse, Harold S.	Arlington, Mass.		

Stephenson, Clyde D.	Albion	Waterman, Lottie J.	Syracuse
Stevens, Glen P.	West Danby	Weaver, Ray M.	Bird-in-Hand, Pa.
Stout, Russell S.	S. Renovo, Pa.	Webster, Harry H.	Nedrow
Stryker, John I.	Millstone, N. J.	Weed, Elmer F.	Ballston Spa
Sutton, Paul S.	Ravena	Weirich, Albert E.	Adams Basin
Tarbell, Margaret	Hogansburg	Wells, Halsey B.	Riverhead
Tardiff, Ray O.	E. Saugus, Mass.	Wells, Winifred M.	Riverhead
Thompson, George P.	Brooklyn	Wenz, Carl	Baraboo, Wis.
Tyler, Leon C.	Beaver Meadow	Wheeler, Wilfred, jr.	Concord, Mass.
Ursprung, George L.	Brooklyn	Wilcox, George S.	Damascus, Pa.
Van Every, George, jr.	Nedrow	Will, John A.	Waterford
Vaughn, Archie O.	South Worcester	Williams, Hugh V.	New Milford, Pa.
Venton, Carl J.	Gouverneur	Williams, Oliver E.	Little Meadows, Pa.
Wager, Helen G.	Alpine	Willis, Mabel A.	Ithaca
Wakefield, Earl F.	Camden	Winans, Clifford S.	Oriskany Falls
Walls, Charles S.	West Hempstead	Wood, Milton A.	Whitesboro
Walrath, Esther G.	Conneaut, Ohio	Wright Stuart L.	Oneonta
Walrath, Robert Y.	East Springfield	Yashin, Pavel Y.	Ithaca
Warn, Howard B.	Frewsburg	Youmans, Clarence A.	McLean
Warner, Paul R.	Riverhead	Youmans, Earl O.	Horseheads
		Young, John B.	Laurel
		Zink, Norman H.	Montgomery
		Zittel, Ralph H.	Eden

Summary of the Instructing Staff, 1921-22

Colleg	Emeritus Professors	Professors	Assistant Professors	urers	Instructors	Assistants	Total
Arts and Sciences	8	61	29	1	108	79	286
Law	—	7	—	—	—	—	7
Medicin							
(Ithaca)	1	3	2	—	6	9	21
(N. Y. C.)	6	40	27	3	67	25	168
Veterinary	1	8	5	—	8	2	24
Agriculture	5	86	43	—	72	55	261
Architecture	—	6	6	—	—	—	12
Engineering							
(C. E.)	2	8	13	—	10	—	33
(M. E.)	1	11	10	—	38	11	71
(E. E.)	—	1	3	—	19	—	23
Military and Physical Educ. and Hygiene..	—	2	2	—	13	28	45
Total	24	233	140	4	341	209	951
Extension Sta in Agriculture	—	8	18	—	22	—	48

Summary of Registration, 1921-22

College	Summary by Colleges					Spec.	Grad.	Total
	1922	1923	1924	1925	1926			
Graduate School.....	—	—	—	—	—	—	538	538
Arts and Sciences.....	—	—	—	—	—	—	—	—
Arts.....	329	357	427	481	42	16	—	1871
A.Chem.....	54	50	61	46	6	2	—	
Law.....	44	21	31	—	—	1	—	97
Medical.....	—	—	—	—	—	—	—	—
N. Y. C.....	44	65	58	46	—	7	—	249
Ithaca.....	—	—	—	29	—	—	—	
Veterinary.....	16	32	13	15	3	—	—	79
Agriculture.....	205	291	258	326	19	66	—	1165
Architecture.....	14	27	23	34	16	4	—	118
Engineering.....	317	386	412	423	77	11	—	1626
(C.E.....	89	94	86)	—	—	—	—	—
(M.E.....	177	230	258)	—	—	—	—	—
(E.E.....	51	62	68)	—	—	—	—	—
Totals.....	1023	1229	1283	1400	163	107	538	5743
Duplicates.....	—	—	—	—	—	—	—	71

Total number of students registered during academic year, 1921-22, deducting names counted twice (71)..... 5672

ADDITIONAL ENROLLMENT

Students registered in summer, 1921..... 2746

Students registered in the Winter Courses in Agriculture, 1921-22..... 328

Geographical Summary

Alabama.....	11	Michigan.....	43	Tennessee.....	17	Denmark.....	1
Arizona.....	2	Minnesota.....	17	Texas.....	21	Dominican Rep.....	2
Arkansas.....	6	Mississippi.....	7	Utah.....	8	England.....	5
California.....	26	Missouri.....	41	Vermont.....	15	Finland.....	1
Colorado.....	18	Montana.....	9	Virginia.....	45	France.....	3
Connecticut.....	57	Nebraska.....	14	Washington.....	10	Greece.....	1
Delaware.....	10	Nevada.....	1	West Virginia.....	26	Guatemala.....	1
Dist. of Columbia.....	54	New Hampshire.....	19	Wisconsin.....	26	Haiti.....	1
Florida.....	12	New Jersey.....	378	Wyoming.....	5	India.....	4
Georgia.....	18	New Mexico.....	2	Argentina.....	10	Japan.....	10
Hawaii.....	16	New York.....	3452	Armenia.....	1	Jugo-Slavia.....	3
Idaho.....	6	North Carolina.....	20	Australia.....	2	Mexico.....	7
Illinois.....	91	Ohio.....	182	Belgium.....	2	Paraguay.....	1
Indiana.....	32	Oklahoma.....	16	Bermuda.....	2	Peru.....	3
Iowa.....	12	Oregon.....	3	Bolivia.....	1	Portugal.....	1
Kansas.....	13	Pennsylvania.....	420	Brazil.....	7	Roumania.....	1
Kentucky.....	23	Philippines.....	29	Canada.....	28	Russia.....	4
Louisiana.....	16	Porto Rico.....	24	Chile.....	1	Siam.....	4
Maine.....	15	Rhode Island.....	13	China.....	66	South Africa.....	11
Maryland.....	52	South Carolina.....	22	Colombia.....	4	Spain.....	2
Massachusetts.....	88	South Dakota.....	3	Cuba.....	10	Sweden.....	1
				Czecho-Slovakia.....	1	Turkey.....	4

Total Registration by Years from the Opening of the University

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1869, 563	1879, 463	1889, 1329	1900, 2980	1911, 5848
1870, 609	1880, 399	1890, 1390	1901, 3293	1912, 6315
1871, 597	1881, 384	1891, 1670	1902, 3457	1913, 6496
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1873, 509	1883, 447	1893, 2040	1904, 3841	1915, 7143
1874, 532	1884, 575	1894, 2042	1905, 4122	1916, 6999
1875, 542	1885, 649	1895, 2057	1906, 4225	1917, 5297
1876, 561	1886, 829	1896, 2105	1907, 4405	1918, 5644
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