CORNELL UNIVERSITY
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The Register

1920-1921

Ithaca, New York
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1920—CALENDAR—1920

JULY

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CALENDAR

First Term, 1920–1921

Sept. 17	Friday	Entrance examinations begin.
Sept. 27	Monday	Academic year begins. Registration of new students. Scholarship examinations begin.
Sept. 27	Monday	Instruction begins in the Medical College in New York City.
Sept. 28	Tuesday	Registration of new students.
Sept. 29	Wednesday	Registration of old students.
Sept. 30	Thursday	Instruction begins in all departments of the University in Ithaca. President's annual address to the students at 12 m.
Oct. 19	Tuesday	Last day for payment of tuition.
Nov. 10	Wednesday	Winter Courses in Agriculture begin.
Nov. 25	Thursday	Thanksgiving Recess.
Dec. 18	Saturday	The latest date for announcing subjects of theses for advanced degrees in June.
Dec. 22	Wednesday	Instruction ends } Christmas Recess.
Jan. 6	Thursday	Instruction resumed }
Jan. 11	Tuesday	Founder's Day.
Jan. 10	Monday	The '94 Memorial Prize Competition.
Jan. 29	Saturday	Instruction ends.
Jan. 31	Monday	Term examinations begin.

Second Term, 1920–1921

Feb. 18	Friday	Winter Courses in Agriculture end.
Feb. 12	Saturday	Registration of all students.
Feb. 14	Monday	Instruction begins.
Mar. 4	Friday	Last day for payment of tuition.
Mar. 14	Monday	The latest date for filing applications for fellowships and scholarships in the Graduate School.
Apr. 6	Wednesday	Instruction ends } Spring Recess.
Apr. 14	Thursday	Instruction resumed }
Apr. 14	Thursday	The latest date for presenting Woodford Orations.
May 6	Friday	The Woodford Prize Competition.
May 21	Saturday	Navy Day.
May 24	Tuesday	The '86 Memorial Prize Competition.
June 8	Wednesday	Term examinations begin.
June 9	Thursday	Commencement of the Medical College in New York City.
June 22	Wednesday	Fifty-Third Annual Commencement.
Aug. 1	Monday	Latest date for announcing subjects of theses for advanced degrees in February.

Summer Term (in the College of Agriculture) 1920–1921

June 18	Saturday	Registration.
June 20	Monday	Instruction begins.
Sept. 10	Saturday	Term ends.

Summer Session, 1921

July 2	Saturday	Summer Session begins.
Aug. 12	Friday	Summer Session ends.

Summer School in Agriculture, 1921

July 2	Saturday	Summer School begins.
Aug. 12	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, 1921, 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 $9,068,661.73. The productive and other funds of the University amount to $19,261,011.30.

The current income of the University for the year 1920–1921 was $4,888,315.71. Of this amount, $1,055,603.41 consisted of tuition and laboratory fees; $1,533,115.75 was appropriated by the State of New York for the College of Agriculture and the Veterinary College; the residue of $1,299,596.55 came from general investments and from miscellaneous sources. Gifts during the year amounted to $1,419,824.50.

The expenses of the University for the corresponding period were $4,771,689.59. The salaries of members of the instructing staff amounted to $1,791,347.81; departmental expenses were $868,291.33.

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		————, 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		————, Albany
The Commissioner of Agriculture		George E. Hogue, Albany
The President State Agr. Society		Whitman Howard Jordan, Geneva
The Librarian of the Cornell Library, (City)		Ebenezer T. Turner, Ithaca
Charles Ezra Cornell		Ithaca
*Walter P. Cooke	(B)	Marine Bank Bldg., Buffalo
*Frank H. Hiscock	(B)	Court House, Syracuse
*Ira A. Place	(B)	Grand Central Terminal, N. Y. City
*James H. Edwards	(A)	30 Church St., New York City
*Herbert D. Mason	(A)	903 Gallais Bldg., Tulsa, Okla.
*Frank H. Miller	(G)	146 West 54th St., New York City
Jared T. Newman	(B)	Ithaca
Robert H. Treman	(B)	Ithaca
Mynderse Van Cleef	(B)	Ithaca
Mrs. Harriet Moody	(A)	2970 Ellis Ave., Chicago, Ill.
John C. Westervelt	(A)	36 West 34th St., New York City
Thomas B. Wilson	(G)	Hall, N. Y.
Charles E. Treman	(B)	Ithaca
Henry B. Westinghouse	(B)	165 Broadway, New York City
Roger B. Williams	(B)	Ithaca
Cuthbert W. Pound	(A)	Court House, Lockport
John L. Senior	(A)	Cement City, Mich.
J. Du Pratt White	(G)	14 Wall St., New York City
Charles H. Blood	(B)	Ithaca
Henry W. Sackett	(B)	Tribune Bldg., New York City
C. Sidney Shepard	(B)	New Haven, Oswego Co., N. Y.
Edwin N. Sanderson	(A)	60 Broadway, New York City
Roger H. Williams	(A)	Nat'l Bank of Commerce, N. Y. City
George A. Blauvelt	(G)	61 Broadway, New York City
Henry R. Ickelheimer	(B)	Box 754, City Hall Station, New York
Charles M. Schwab	(B)	111 Broadway, New York City
Emmons L. Williams	(B)	Ithaca
Louis L. Seamon	(A)	247 Fifth Ave., New York City
George J. Tansey	(A)	1618 Boatmen's Bank, St. Louis, Mo.

*Term of office expires in 1921, the next group of six in 1922, etc. B, elected by Board; A, elected by Alumni; G, appointed by Governor; Gr, elected by State Grange for 1920-1921.

Horace White.....(G)..... White Memorial Bldg., Syracuse
William F. Pratt.....(Gr) ....206 State St., Batavia, N. Y

FACULTY REPRESENTATIVES

Charles H. Hull (January 1, 1922)..... ..Ithaca
Simon H. Gage (January 1, 1923)..... ...Ithaca
Edward L. Nichols (January 1, 1924)..... .Ithaca

OFFICERS

Albert W. Smith..... .Acting President of the University
Charles D. Bostwick..... .....Comptroller of the University
David F. Hoy..... .....Registrar of the University
Charles E. Curtis..... ...Superintendent of Buildings and Grounds
Woodford Patterson..... .....Secretary of the University
George F. Rogalsky..... .....Treasurer of the University
Charles D. Bostwick..... .....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, James H. Edwards, Thomas B. Wilson, Henry H. Westinghouse, Charles E. Treman, Cuthbert W. Pound, Robert H. Treman, Herbert D. Mason.

Committee on Finance: Roger B. Williams, *Chairman*, The President, Robert H. Treman, Henry R. Ickelheimer, C. Sidney Shepard, Emmons L. Williams.

Committee on Buildings and Grounds: James H. Edwards, *Chairman*, The President, John C. Westervelt, Henry W. Sackett, Charles H. Blood, J. Du Pratt White, Walter P. Cooke.

Agricultural College Council: The President, *Chairman*, Thomas B. Wilson, Frank H. Miller, George A. Blauvelt, J. Du Pratt White, Horace White, Whitman H. Jordan, George E. Hogue, William F Pratt, Jared T. Newman, Albert R. Mann, John C. Westervelt, Rollin A. Emerson, Veranus A Moore, George F. Warren.

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. Du Pratt White, George A. Blauvelt, Horace White, Whitman H. Jordan, George E. Hogue, William F. Pratt, Jared T. Newman, John C. Westervelt, 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 and the Assistant Librarians in the University Library, the Registrar, the Secretary of the University, and the Dean of Women. The Professors and Assistant 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 on 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 elsewhere. 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 ADMINISTRATION

THE UNIVERSITY FACULTY AND THE SEPARATE FACULTIES

SMITH, ALBERT WILLIAM, M.M.E., Acting President of the University, 1920.
Assistant Professor of Mechanical Engineering, 1887–1891; Professor of Power Engineering and Dean of Sibley College, 1904–1920.

ACKER, GEORGE HAIGH, Instructor in Experimental Engineering, 1920.

ADAMS, BRISTOW, B.A., Professor in Extension Service, 1914.

ADAMS, JOSEPH QUINCY, jr., Ph.D., Litt.D., Professor of English, 1919.
Instructor, 1904; Assistant Professor, 1909.

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, 1906–1907; Instructor, 1909; Instructor in Zoology, 1912.

ALLEN, CHARLES LORING, Ph.D., Instructor in Animal Husbandry, 1918.
Assistant, 1916.

ALLEN, LILLIAN, A.B., B.S., Instructor in Home Economics, 1920.

ANDERSON, RUDOLPH JOHN, Ph.D., Professor of Animal Nutrition, 1920.*

ANDRAE, WILLIAM COOK, M.E., Instructor in Experimental Engineering, 1921.
Instructor in Machine Design, 1916-1917.

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. Instructor, 1900; Assistant Professor, 1911.

ASMUS, HENRY, Assistant Professor of Farriery, 1914.

ATWOOD, LELAND LEAVITT, A.B., Instructor in the Romance Languages and Literatures, 1919.

AUER, JOHANNES ABRAHAM CHRISTOFFEL FAGGINGER, B.D., Instructor in German, 1920. Instructor in the Romance Languages and Literatures, 1918.

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, 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, HAROLD CAPRON, M.D., Instructor in Obstetrics, 1910. New York City.
Clinical Instructor in Surgery, 1906; Instructor in Pharmacology, 1907.

BAKER, MARGARETE DARVAS, M.D., Instructor in Hygiene, 1920.

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, 1905–1906; Assistant Professor of Drawing, 1907.

BALDWIN, DANE LEWIS, M.A., Instructor in English, 1920.
Instructor, 1912–1917; Assistant, 1919–1920.

BALLARD, WILLIAM CYRUS, jr., M.E., Assistant Professor of Electrical Engineering, 1917. Instructor in Machine Design, 1910; Instructor in Electrical Engineering, 1911.

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

BANCROFT, WILDER DWIGHT, Ph.D., World War Memorial Professor of Physical Chemistry, 1920. Assistant Professor, 1895; Professor, 1903.

BANGS, JOHN ROBERT, jr., Instructor in Machine Design, 1919.

BANNER, ERFORD LYNN, B.S., Instructor in Poultry Husbandry, 1918.
Assistant, 1915.

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.

BARRINGER, BENJAMIN STOCKWELL, B.S., M.D., Instructor in Clinical Surgery Department of Urology, 1914. New York City. Assistant, 1906–1907.

BARROWS, DAVID NYE, A.B., M.D., Instructor in Clinical Surgery. Department of Gynecology, 1916. New York City.
Assistant in Clinical Surgery, Department of Gynecology, 1916.

BARRUS, MORTIER FRANKLIN, Ph.D., Extension Professor of Plant Pathology, 1914. Assistant, 1908; Assistant Professor, 1911.

BARTON, FRANK ARTHUR, M.E. in E.E., Professor of Military Science and Tactics, 1917. Professor of Military Science and Tactics, 1904–1908.

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.

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.
Instructor in Physics, 1892; Assistant Professor, 1893.

BELL, OLIN GROGAN, Instructor in Geology, 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.
Assistant, 1910; Instructor, 1911; Assistant Professor, 1914.

BENNER, JAMES WILLIAM, D.V.M., M.S., Assistant Professor, Veterinary Experiment Station, 1920. Instructor in Special Research in Animal Diseases, 1919.

*BENNETT, CHARLES EDWIN, A.B., Litt.D., Goldwin Smith Professor of Latin, 1912. Professor, 1892.

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, 1912–1914; 1915–1917.

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*Deceased.

BIGELOW, CLAUDE MYRON, Instructor in Heat-Power Engineering, 1920.

BIGELOW, KARL WORTH, A.B., Instructor in Economics, 1920.

BINZEL, ALMA, Acting Assistant Professor of Home Economics, 1921.

BINZEL, CORA ELLA, Acting Professor of Rural Education, 1919.

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.

BITTNER, STANLEY FRANKLIN, B.S. in Agr., Instructor in Animal Husbandry, 1919.

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.

BLANCHARD, JOHN DAVID, A.B., Instructor in Economics, 1920.
Assistant in Psychology, 1918–1919; Assistant in Economics, 1919–1920.

BLODGETT, FOREST MILO, Ph.D., Assistant Professor of Plant Pathology, 1919.
Assistant Professor, 1915–1917; Assistant Extension Professor, 1917–1919.

BOARDMAN, LELAND JAYNES, A.B., Instructor in Physics, 1920.

BODANSKY, AARON, B.S., Instructor in Biochemistry, 1917. Assistant, 1916.

BOESCHE, ALBERT WILHELM, Ph.D., Professor of German, 1915.
Instructor, 1905–1906; Assistant Professor, 1910.

BOGERT, GEORGE GLEASON, A.B., LL.B., World War Memorial Professor of Law, 1920. Assistant in American History, 1906–1908; Acting Assistant Professor of Law, 1911; Assistant Professor of Law, 1913; Professor of Law, 1916.

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.

BRADLEY, JAMES CHESTER, Ph.D., Professor of Entomology, 1920; Curator of Invertebrate Zoology, 1919. Assistant, 1905–1909; Assistant Professor, 1911.

BRANDES, GEORGE HENRY, B.Chem., Instructor in Chemistry, 1920.
Assistant, 1917.

BRANNON, JAMES MARSHALL, Ph.D., Instructor in Botany in the New York State College of Agriculture, 1915.

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 C., A.B., M.D., Instructor in Operative Surgery, 1919. New York City.

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, 1909–1912.

BRIM, ORVILLE GILBERT, Ph.D., Professor of Rural Education, 1920.

BRISTOL, GEORGE PRENTICE, A.M., Professor of Greek, 1898. (Absent on leave.)
Assistant Professor, 1888; Associate Professor, 1890; Director of the School of Education, 1910–1916; Director of the Summer Session, 1905–1918.

BROUGHTON, LESLIE NATHAN, Ph.D., Assistant Professor of English, 1916.
Instructor, 1910.

BROWN, PAUL E., Instructor in Civil Engineering, 1920.

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

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. (Absent on leave, second term.) Assistant, 1910; Instructor, 1912; Assistant Professor, 1912.

BURDICK, CHARLES KELLOGG, A.B., LL.B., Professor of Law, 1914.

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, 1881–1884; Instructor in Anglo-Saxon, 1886-1887; 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, 1919–1920.

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.

CAMPBELL, ALAN DITCHFIELD, A.M., Instructor in Mathematics, 1919.

CANFIELD, ELLEN BRAINARD, Instructor in Physical Education, 1917.
Instructor in Physical Training, 1894.

CAPLAN, HARRY, M.A., Instructor in Public Speaking, 1919.

CARD, LESLIE ELLSWORTH, B.S., Instructor in Poultry Husbandry, 1918.
Assistant, 1913–1914.

CARPENTER, CHARLES MILTON, D.V.M., M.S., Instructor in Diagnosis, Department of Pathology and Bacteriology, Veterinary College, 1917.

CARRICK, DOAK BAIN, A.B., Professor of Pomology, 1921.
Assistant, 1915-1917.

CARVER, WALTER BUCKINGHAM, Ph.D., Assistant Professor of Mathematics, 1910. Instructor, 1906.

CARY, EDWARD BEVERLY, M.E., Instructor in Machine Design, 1920.

CASE, CLAUDE EDWARD, M.D., Instructor in Hygiene, 1920.

CAVANAUGH, GEORGE WALTER, B.S., Professor of Chemistry in its relations to Agriculture, 1909. Assistant, 1891; Assistant Professor, 1903.

CECIL, RUSSELL L., Instructor in Medicine, 1916. New York City.
Assistant in Clinical Pathology, 1917–1920.

CHAMBERLAIN, GEORGE RAY, M.E., Assistant Professor of Freehand Drawing in the College of Architecture, 1915. Instructor in Industrial Drawing and Art, 1902–1904; 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. 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.

CHAO, YUEN REN, Ph.D., Instructor in Physics, 1919. (Absent on leave.)

CHARDON, CARLOS EUGENIO, B.S., Instructor in Plant Pathology, 1920.
Assistant, 1919.

CHAVANNE, JOHN JOSEPH, jr., Instructor in Civil Engineering, 1920.

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.

CHRISTENSEN, EILER MARTIN, Instructor in Civil Engineering, 1921.

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.

COCA, ARTHUR F., M.D., Instructor in Immunology, 1917. New York City.
Instructor in Experimental Pathology, 1911; Instructor in Pathology, 1915.

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, M.S., Instructor in Physics, 1918.

COLLISON, REGINALD CLIFTON, M.S., Professor of Soil Technology, 1920.*

COLLUM, THADDEUS LUMPKIN, Instructor in Civil Engineering, 1920.

COLUCCI, FRANK, A.B., Instructor in the Romance Languages and Literatures, 1919. Instructor, 1916-1917.

COMSTOCK, ANNA BOTSFORD, B.S., Professor of Nature Study, 1920.
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.

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.

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., Instructor in Civil Engineering, 1913.

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

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; 1912–1913; 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.

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.
Assistant in Nature Study, 1905-1906; Assistant Professor, 1913.

CURTISS, LEON FRANCIS, A.B., Instructor in Physics, 1918.

CURY, ALBERT HENRY, Baccalauréat ès Lettres, Licencié ès Lettres, Instructor in the Romance Languages, 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., Instructor in Psychology, 1919.
Instructor, 1916–1918.

DANA, CHARLES LOOMIS, A.M., M.D., Professor of Clinical Medicine, Department of Neurology, 1898. New York City.

DANN, HOLLIS ELLSWORTH, Mus.D., Professor of Music, 1907. (Absent on leave, second term.) Instructor, 1903; Assistant Professor, 1904.

DAUGHERTY, EDGAR STERLING, B.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, 1914-1917; 1919.

DAVIS, E. GORTON, B.S., Professor of Landscape Art, 1916.
Assistant Professor of Rural Art, 1911; Assistant Professor of Landscape Art, 1912.

DEATRICK, EUGENE P., Ph.D., Instructor in Soil Technology, 1920.

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, 1887–1889; 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.

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, 1919–1920.

DORSEY, ERNEST, B.S., Instructor in Plant Breeding, 1920.
Assistant, 1916–1917; 1918–1920.

DOW, LAFAYETTE FRANCIS, A.B., Instructor in the Romance Languages and Literatures, 1920.

DOWNS, PAUL ANDREW, M.S., Instructor in Dairy Industry, 1918.

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.

DUNLAP, VINING CAMPBELL, Ph.D., Instructor in Botany, 1920.
Assistant, 1916.

DURHAM, CHARLES LOVE, Ph.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. (Absent on leave, third term.)
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, 1913–1914.

EDGAR, JAMES CLIFTON, A.M., M.D., Professor of Obstetrics and Clinical Midwifery, 1898. New York City.

EGGLESTON, CARY, M.D., Assistant Professor of Pharmacology, 1918. New York City. Instructor, 1911.

ELLENWOOD, FRANK OAKES, A.B., Professor of Power Engineering 1916. (Absent on leave.) 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.

ELMHIRST, LEONARD KNIGHT, M.A., Instructor in English, 1920.

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. (Absent on leave, first term.)
Instructor in Neurology and Vertebrate Zoology, 1909–1910; 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, 1919–1920.

EVANS, EARL RADFORD, M.E., Instructor in Electrical Engineering, 1920.

EVANS, F. C., Instructor in Machine Design, 1921.
Assistant, 1918–1919.

EVERETT, GEORGE ABRAM, A.B., LL.B., Professor of Extension Teaching, 1915.
Assistant in Elocution and Oratory, 1899–1901; Instructor, 1904; Assistant Professor, 1906–1907; 1910–1915.

EVERITT, WILLIAM LITTLE, Instructor in Electrical Engineering, 1920.

EWING, JAMES, A.M., D.Sc., M.D., Professor of Pathology, 1899. New York City.

FAIRBANKS, FRANK LATTA, 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.

FARR, CHARLES EVERETT, B.A., M.D., Instructor in Surgery, 1920. New York City. Assistant, 1909–1911; Instructor, 1913–1914; 1915–1917.

FARRAR, LILLIAN K. P., M.D., Instructor in Clinical Surgery, Department of Gynecology, 1916. New York City.

FAUST, ALBERT BERNHARDT, Ph.D., Professor of German, 1910. (Absent on leave, second term.) 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.

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.

FIPPIN, ELMER OTTERBEIN, B.S. in Agr., Extension Professor of Soil Technology, 1911. (Absent on leave.) Assistant Professor, 1905; Professor, 1909.

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., Instructor in English, 1919. Instructor, 1916–1917.

FITZPATRICK, HARRY MORTON, Ph.D., Assistant Professor of Plant Pathology, 1913. (Absent on leave, first term.)
Assistant in Botany, 1908; Instructor in Plant Pathology, 1911.

FOSTER, NELLIS BARNES, M.D., Assistant Professor of Medicine, 1919. New York City. Instructor, 1913; Assistant Professor, 1914–1916.

FRALEIGH, PERCY AUSTIN, A.M., Instructor in Mathematics, 1920.
Instructor, 1918–1919.

FRANCIS, H. M., 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.

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 WEST, 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, 1877–1880; 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.

GAMBLE, DEAN LEFEVER, B.S., Instructor in Zoology, 1917. Assistant, 1916.

GARNER, ENOCH FRANCIS, M.E., Assistant Professor of Machine Design, 1920.
Instructor, 1907–1910; 1913–1920.

GARRETT, CLARA L., Instructor in Drawing, 1916.

GARRETT, SEYMOUR STANTON, C.E., World War Memorial Professor of Mechanics of Engineering, 1920. Instructor in Civil Engineering, 1906–1908; Assistant Professor, 1910; Professor, 1920.

GAVETT, JOSEPH WILLIAM, jr., M.E., Assistant Professor of Heat-Power Engineering, 1920. Instructor in Experimental Engineering, 1919.

GEORGE, SIDNEY GONZALES, C.E., Professor of Applied Mechanics, 1916. Instructor in Civil Engineering, 1905–1907; 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.

*GERE, JAMES BELDEN, M.D., Instructor in Neuro-Pathology, 1917. New York City. Assistant, 1907.

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, 1915–1917; Assistant Farm Superintendent, 1917–1918.

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 in Veterinary Medicine, 1920. Assistant, 1916–1917.

GILMOUR, ANDREW J., M.D., Clinical Instructor in Medicine, 1920. New York City.

GOLDBERG, SAMUEL ALEXANDER, D.V.M., A.M., Assistant Professor of Pathology, Veterinary College, 1917. Assistant, 1913.

GOODHUE, EVERETT WALTON, A.M., Acting Professor of Economics, 1920. Instructor, 1911–1912.

GOODRIDGE, MALCOLM, M.D., Assistant Professor of Therapeutics, 1916. New York City. Instructor, 1910.

GRANT, ADELE LEWIS, B.S., M.A., Instructor in Botany, 1920.

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.

GRIMM, JAY JOHN, B.S., Instructor in Botany, 1919.

GRISWOLD, ARTHUR STEWART, Instructor in Experimental Engineering, 1920.

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., Instructor in Forestry, 1915. Assistant, 1914.

GUTHRIE, EDWARD SEWELL, Ph.D., Professor of Dairy Industry, 1913. (Absent on leave, first term.) 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. (Absent on leave, first term.) Instructor in Drawing and Industrial Art, 1888; Instructor in Freehand Drawing and Modeling, 1904.

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*Deceased.

HAGAN, WILLIAM ARTHUR, D.V.M., Professor of Pathology and Bacteriology, 1919. 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, 1918–1919.

HALE, CHARLES BROCKWAY, Instructor in English, 1920. Assistant, 1920.

HAM, CLARENCE WALTER, B.M.E., M.E., Assistant Professor of Machine Design, 1914. (Absent on leave.) Instructor, 1907.

HAMILTON, GEORGE LIVINGSTONE, Ph.D., Professor of the Romance Languages and Literatures, 1916. 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 Farm Crops, 1919. Instructor, 1912.

HARPER, MERRITT WESLEY, M.S., Professor of Animal Husbandry, 1913. Assistant, 1905; Instructor, 1906; Assistant Professor, 1907.

HARRINGTON, MILTON A., M.D., Clinical Instructor in Medicine, Department of Psychiatry, 1919. New York City.

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, 1909–1918; Assistant Professor of Surgery, 1911–1918.

HASKELL, EUGENE ELWIN, B.C.E., C.E., Dean of the College of Civil Engineering, and Professor of Experimental Hydraulics, 1906. (Absent on leave, second term.)

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, 1912–1914; 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.

HAZARD, BLANCHE EVANS, A.B., M.S., Professor of Home Economics, 1920. Assistant Professor, 1914; Acting Professor, 1919.

HEATH, RILEY H., LL.B., Acting Assistant Professor of Law, 1921. Special Lecturer on Military Law, 1918–1919.

HEBEL, JOHN WILLIAM, Ph.D., Instructor in English, 1919. Instructor, 1914–1917.

HEDRICK, ULYSSES PRENTISS, D.Sc., Professor of Pomology, 1920.*

HEFFNER, ROY EDWARD, A.B., B.S. in E.E., Instructor in Electrical Engineering, 1919.

HEINECKE, ARTHUR JOHN, Ph.D., Professor of Pomology, 1920. Instructor, 1914; Assistant Professor, 1917.

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

HENRY, MARY FRANCES, A.B., B.S., Assistant Professor of Home Economics, 1918.
Instructor, 1915.

HERENDEEN, 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, 1912–1920.

HERRICK, GLENN WASHINGTON, B.S. in Agr., Professor of Economic Entomology, 1912. Assistant Professor, 1909.

HESPELT, ERNEST HERMAN, A.M., Instructor in the Romance Languages and Literatures, 1919. Instructor, 1918.

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.

HILGERT, JOSEPH ROBERT, B.S., M.A., Instructor in Economics, 1920.

HILL, LELAND HALSEY, Instructor in Electrical Engineering, 1920.

HILLHOUSE, ELEANOR, B.S., Instructor in Home Economics, 1920.
Assistant, 1917.

HINMAN, ROBERT BYRON, M.S., Instructor in Animal Husbandry, 1920.

HITZROT, JAMES MORLEY, A.B., M.D., Assistant Professor of Clinical Surgery, 1919. New York City.
Instructor, 1904; Assistant Professor, 1912; Associate Professor, 1917.

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.

HOFF, NORMAN SHIRLEY, B.S. in E.E., Instructor in Machine Design, 1919.

HOGUET, JOSEPH P., M.D., Assistant Professor of Clinical Surgery, 1919. New York City. Instructor in Surgery, 1911.

HOISINGTON, LOUIS BENJAMIN, Ph.D., Instructor in Psychology, 1919.
Assistant in Psychology, 1917; Instructor in Education, 1917.

HOLLAND, ARTHUR L., Instructor in Clinical Medicine, Department of Medicine, 1915. New York City.

HOLMES, RALPH MAYNARD, M.A., Instructor in Physics, 1919. Assistant, 1919.

HONEY, EDWIN EARL, B.S., Instructor in Plant Pathology, 1920.
Assistant, 1916–1917.

HOOK, WARREN HOWARD, M.E., Assistant Professor of Heat-Power Engineering, 1920. Instructor in Experimental Engineering, 1910–1917.

HOPKINS, GRANT SHERMAN, B.S., D.Sc., D.V.M., Professor of Comparative Anatomy and Anatomical Methods, 1903. (Absent on leave, second term.)
Assistant, 1889; Instructor, 189-; Assistant Professor, 1896.

HOPPER, HERBERT ANDREW, M.S., Extension Professor of Animal Husbandry, 1913. (Absent on leave.) Assistant Professor, 1911.

HORN, PAUL VALENTINE, B.S., Instructor in Agricultural Economics and Farm Management, 1921.

HOSMER, RALPH SHELDON, B.S.A., M.F., Professor of Forestry, 1914.

HOTCHKISS, HERBERT VINTON, B.S., C.E., Instructor in English, 1919.
Instructor in Civil Engineering, 1914–1917.

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.

HOWE, HARLEY EARL, Ph.D., Assistant Professor of Physics, 1918.
Instructor, 1909–1912.

HOWELL, ERIC VAIL, M.C.E., Instructor in Civil Engineering, 1918.

HOWLETT, FREEMAN SMITH, B.S., Instructor in Agricultural Economics and Farm Management, 1921.

HOY, DAVID FLETCHER, M.S., Registrar, 1895. Assistant Registrar, 1891.

HUDSON, HOYT HOPEWELL, M.A., Instructor in Public Speaking, 1920.

HULL, CHARLES HENRY, Ph.D., Goldwin Smith Professor of American History, 1912. (Absent on leave.) 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, 1908–1913.

HUMPHREY, RUFUS RICHARD, A.M., Instructor in Histology and Embryology, 1920. Assistant, 1919.

HUNN, ANNA ELIZABETH, B.S., Instructor in Home Economics, 1920.
Assistant, 1912; Instructor, 1915–1919.

HUNT, EVERETT LEE, A.B., Assistant Professor of Public Speaking, 1918.

HUNTER, F. BEATRICE, Assistant Professor of Home Economics, 1920.
Instructor, 1918.

HURWITZ, WALLIE ABRAHAM, Ph.D., Assistant Professor of Mathematics, 1914.
Instructor, 1910.

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, ALICE ROTHWELL, A.B., Instructor in Physics, 1919. Assistant, 1918.

HYATT, JAMES MEAD, A.B., Instructor in Physics, 1918. Assistant, 1917.

HYDE, KARL CLAYTON, A.B., Instructor in Botany, 1920.

JACKSON, HERBERT F., M.D., Clinical Instructor in Medicine, Department of Pediatrics, 1919. New York City.

JACKSON, HOWARD CAMPBELL, Ph.D., Instructor in Dairy Industry, 1917.
Assistant, 1915.

JACKSON, STUART DEMING, A.B., Instructor in Chemistry, 1917.
Assistant, 1916.

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.

JENISON, NANCY, M.D., Instructor in Medicine, 1917. New York City.

JENSEN, CHRISTIAN NEPHI, M.S. in Agr., Instructor in Plant Pathology, 1920.
Assistant, 1909–1910.

JOHANNSEN, OSKAR AUGUSTUS, Ph.D., Professor of Entomology, 1919.
Instructor in Civil Engineering, 1899; Assistant Professor, 1904–1909; Assistant Professor of Biology, 1912; Professor of Entomology, 1914; Professor of General Biology, 1915.

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, WALTER PAUL, A.B., Instructor in English, 1920.

JORDAN, WHITMAN HOWARD, LL.D., Professor of Animal Nutrition, 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.

KENISTON, RALPH HAYWARD, Ph.D., Professor of the Romance Languages and and Literatures, 1919. Assistant Professor, 1914.

KENNARD, EARL HESSE, Ph.D., Assistant Professor of Physics, 1917.
Assistant, 1912; Instructor, 1913–1914; 1916–1917.

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

KENNEDY, ROBERT FOSTER, M.D., F.R.S.E., Assistant Professor of Clinical Medicine, Department of Neurology, 1917. New York City.
Instructor, 1910; Assistant Professor, 1914; Associate Professor, 1917.

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.

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, 1911–1912; 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.

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.

KIRBY, GEORGE HUGHES, B.S., M.D., Professor of Clinical Medicine, Department of Psychiatry, 1917. New York City. Instructor, 1905–1912.

KIRBY, ROBERT STEARNS, M.S., Instructor in Plant Pathology, 1920.

KNAPP, RONALD GLENN, B.S., Instructor in Animal Husbandry, 1920.

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, OLIN CLIFFORD, B.S., Instructor in Poultry Husbandry, 1919.
Assistant, 1917–1918.

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, 1912–1915.

LAMBERT, ALEXANDER, A.B., Ph.B., M.D., Professor of Clinical Medicine, Department of Medicine, 1898. New York City.

LANG, CHARLES A., Instructor in Pediatrics, 1919. New York City.

LARSEN, NILS P., B.S., M.D., Instructor in Bacteriology, 1919. New York City.

LATHROP, FRANK WALDO, A.B., M.S.A., Instructor in Rural Education, 1920.
Assistant, 1919.

LATTA, JOHN STEPHENS, Ph.D., Instructor in Histology and Enbryology, 1919.
Assistant, 1916–1918; 1919.

LAUMAN, GEORGE NIEMAN, B.S.A., Professor of Rural Economy, 1909. (Absent on leave, second term.) 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.

*LAW, JAMES, F.R.C.V.S., Professor of the Principles and Practice of Veterinary Medicine, Emeritus, 1908. Professor of Veterinary Medicine and Surgery, 1868; Professor of the Principles and Practice of Veterinary Medicine, Veterinary Science, and Veterinary Therapeutics, 1896; Director of New York State Veterinary College and Dean of Faculty of Veterinary Medicine, 1896.

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*Deceased.

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, MYRON A., M.M.E., Assistant Professor of Machine Design, 1916.
Instructor, 1910.

LEET, HORACE WILLIAM, M.E., Instructor in Experimental Engineering, 1919.

LEISTER, CLAUDE WILLARD, B.S., Instructor in Ornithology, 1919.
Assistant, 1917–1918.

LEONARD, MARGERY WHELDORE, B.A., Instructor in Plant Pathology, 1920.
Assistant, 1919.

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, 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.

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, 1915.

LOVING, ROBERT EDWARD, B.A., Ph.D., Instructor in Physics, 1919.

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, 1912–1913.

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.

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.

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 on 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, 1914–1917.

MCDERMOTT, GEORGE ROBERT, Professor of Structural Design, 1909.
Assistant Professor of Naval Architecture, 1902; Professor, 1905.

MCGRATH, JOHN F., M.D., Instructor in Clinical Surgery, Department of Gynecology, 1918.

MCINERNEY, THOMAS JOSEPH, M.S. in Agr., Assistant Professor of Dairy Industry, 1917. Assistant, 1910; Instructor, 1912.

MCKEOWN, SAMUEL STEWART, A.B., Instructor in Physics, 1919.

McKINNEY, ASA EMANUEL, A.M., Instructor in Chemistry, 1919.
Assistant, 1915–1917; Extension Instructor, 1917–1918.

McMAHON, JAMES, A.M., D.Sc., Professor of Mathematics, 1904. (Absent on on leave.) Instructor, 1884; Assistant Professor, 1890.

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, 1915–1917.

MARTIN, ADDISON FARRIS, B.S., Instructor in Electrical Engineering, 1920.

MARTIN, CLARENCE AUGUSTINE, D.Sc., Professor of Architecture, 1904.
Instructor, 1894; Assistant Professor, 1895; Dean of the College of Architecture, 1908–1919.

MARX, MILTON DAVID, A.B., Instructor in English, 1919.

MASON, JAMES FREDERICK, Ph.D., Professor of the Romance Languages and Literatures, 1914. (Absent on leave, second term.)
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.

MATTHEWS, ROBERTSON, M.E., Assistant Professor of Power Engineering, 1913. (Absent on leave.)
Instructor in Machine Design, 1907; Instructor in Power Engineering, 1908.

MATTHEWS, THOMAS IGNATIUS, B.S. in E.E., M.S., Instructor in Electrical Engineering, 1919.

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.

MEKEEL, AMY GRACE, A.M., Instructor in Zoology, 1918. Assistant, 1917.

MERENESS, KNEELAND ABRAM, M.E., Instructor in Machine Design, 1920.
Assistant, first term, 1918–1919.

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, 1909–1914.

MEUSEBECK, CARL FREDERICK WILLIAM, B.S., Instructor in Entomology, 1918.

MIDJO, CHRISTIAN, Assistant Professor of Freehand Drawing in the College of Architecture, 1912. Instructor, 1909.

MILKS, HOWARD JAY, D.V.M., Professor of Materia Medica; Director of the Small Animal Clinic (Veterinary) 1914.
Assistant in Physiology, 1903–1905; 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 Farm Crops, 1919.

MILTIMORE, EDWARD, M.D., Instructor in Medicine, 1917. New York City.

MINNS, LUA 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.

MOLER, GEORGE SYLVANUS, A.B., B.M.E., Professor of Physics, Emeritus, 1917.
Instructor, 1875; Assistant Professor, 1880; Professor, 1911.

MOLINET, ENRIQUE, M.E., Instructor in Electrical Engineering, 1920.

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, EDWARD GERRARD, M.A., Professor of Farm Crops, 1911. (Absent on leave.)

MONTGOMERY, WALTER CLARK, M.D., Clinical Instructor in Surgery, Department of Laryngology and Rhinology, 1917. New York City.
Assistant, 1902–1903; 1906–1913.

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 Veterinary College, 1908; Professor of Comparative Pathology, Bacteriology, and Meat Inspection, 1896.

MORDOFF, RICHARD ALAN, B.S. in Agr., A.M., Instructor in Meteorology, 1917.
Assistant in Physical Geography, 1909–1910; 1912–1913.

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.

MOSES, WINIFRED, B.S., Assistant Professor of Home Economics, 1919.
Assistant, 1914; Instructor, 1917.

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. (Absent on leave, second term.)

MUENSCHER, WALTER CONRAD, A.M., Instructor in Botany, 1919.
Assistant, 1916; Instructor, 1917–1918.

MURDOCK, CARLETON CHASE, Ph.D., Assistant Professor of Physics, 1919.
Assistant, 1909; Instructor, 1909-1913; 1914-1919.

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.

NADLER, SOL JOSEPH REXWOOD, B.S., Instructor in Machine Design, 1919.

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, T. P., 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.

NEELY, ELIZABETH, A.B., Instructor in Physical Education, 1919.

NEHRLING, ARNO H., Assistant Professor of Floriculture, 1921.

NELSON, JOHN HERBERT, A.B., Instructor in English, 1919.

NEVILLE, HOMER B., B.S., Instructor in Dairy Industry, 1919.
Assistant in Soil Technology, 1917–1918.

NICHOLS, EDWARD LEAMINGTON, Ph.D., LL.D., Professor of Physics, Emeritus, 1919. Professor, 1887–1919; Dean of the College of Arts and Sciences, 1913–1915.

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.

NOBLE, MARGARET BARCLAY, B.S., Instructor in Home Economics, 1919.

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, 1906–1907.

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.
Assistant, 1895; Instructor, 1897; Assistant Professor, 1903.

NOTESTEIN, WALLACE, Ph.D., Professor of English History, 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.

ODESSEY, HERMAN PAUL, Instructor in Civil Engineering, 1920. Assistant, 1919.

OGDEN, HENRY NEELY, C.E., Professor of Sanitary Engineering, 1908.
Instructor in Civil Engineering, 1889–1892; 1894–1898; Assistant Professor, 1898; Assistant Professor of Sanitary Engineering, 1903.

OGDEN, 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.
Acting Professor, 1912; Professor, 1913.

ORTNER, HOWARD BURNSHIP, B.S., Instructor in Physical Education, 1919.

OSTERBERG, EMIL, 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.

PAIGE, EDMUND ROBERT, B.E., Instructor in Machine Design, 1920.

PAINE, ERNEST TROWBRIDGE, Ph.D., Instructor in Philosophy, 1916.
Secretary of the College of Arts and Sciences, 1913–1916; first term, 1918–1919.

PALMER, ARCHIE MACINNES, A.B., Secratary of the College of Arts and Sciences, 1920.

PALMER, EPHRAIM LAWRENCE, Ph.D., Assistant Professor of Rural Education, 1919. Assistant in Botany, 1910–1913.

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 Neurology, 1920.

PAPISH, JACOB, B.S., A.M., Instructor in Chemistry, 1919. Assistant, 1919.

PARDEE, HAROLD E. B., M.D., Instructor in Medicine, 1916. New York City.

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 and Farm Management, 1920.

PENDLETON, CLAUDE M., C.E., Instructor in Civil Engineering, 1919.
Assistant in Geology, 1919.

PERKINS, HAROLD CHARLES, M.E., Instructor in Mechanics, 1920.
Instructor, 1916–1919.

PERRINE, JAMES OWEN, B.A., M.S., Instructor in Physics, 1920.

PERRY, JOHN EDWIN, B.S. in C.E., Instructor in Railroad Engineering, 1915.

PERRY, RAYMOND ARNOLD, B.S., Instructor in Dairy Industry, 1920.
Assistant, 1918.

PERTSCH, JOHN GEORGE, jr., M.E., Assistant Professor of Electrical Engineering, 1916. Assistant, 1909; Instructor, 1910.

PETERSON, JOSEPH ARVID, B.S. in M.E., Instructor in Machine Design, 1919.

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. (Absent on leave, first term.) Instructor, 1902.

POPE, PAUL RUSSEL, Ph.D., Professor of German, 1915.
Instructor, 1902; Assistant Professor, 1906.

PORITSKY, HILLEL, A.B., Instructor in Mathematics, 1920. Assistant, 1919.

PRATT, HAROLD ARTHUR, B.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, Instructor in Dairy Industry, 1921. Assistant, 1919.

PUMPELLY, LAURENCE, Ph.D., Assistant Professor of the Romance Languages and Literatures, 1914. Assistant in Chemistry, 1908–1909; 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, A. H., Instructor in Bacteriology, 1921. New York City.

RANUM, ARTHUR, Ph D., Assistant Professor of Mathematics, 1910. (Absent on leave, first term.) Assistant, 1904; Instructor, 1906.

RECKNAGEL, ARTHUR BERNHARD, B.A., M.F., Professor of Forest Management and Utilization, 1917. 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.

REES, JULIETTE NORMA ANDERSON, B.S., Instructor in Plant Pathology, 1918.

REES, RALPH W., A.B., B.S., Extension Professor of Pomology, 1917.
Professor, 1916.

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

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. (Absent on leave, second term.) 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, FREDERICK WILLIAM, B.S. in E.E., Instructor in Physics, 1920.

RHODES, FRED HOFFMANN, Ph.D., Professor of Chemistry, 1920.
Assistant, 1910–1914; Instructor, 1915–1917.

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, 1892–1893; Assistant Professor, 1903.

RICHARDS, JOHN HAROLD, M.D., Instructor in Clinical Pathology and Medicine, 1911. New York City. Assistant, 1907.

RICHARDS, DONALD EVERETT, A.B., Instructor in Physics, 1920.
Assistant, 1918.

RICHTMYER, FLOYD KARKER, Ph.D., Professor of Physics, 1918.
Assistant, 1903–1904; Instructor, 1906; Assistant Professor, 1911.

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.

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, 1903–1906.

ROBINSON, ERNEST GUY, B.S., Instructor in Geology, 1920. Assistant, 1920.

ROBISON, GEORGE MERRITT, Ph.D., Instructor in Mathematics, 1919.

RODGERS, RALPH CHAPMAN, Ph.D., Instructor in Physics, 1907.
Assistant, 1905.

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., Assistant Professor of Economics, 1920.

ROGERS, JOHN, Ph.D., M.D., Professor of Clinical Surgery, Department of Surgery, 1909. New York City. Instructor, 1898.

ROHDE, ALICE P., Instructor in Clinical Chemistry, Department of Medicine, 1920.

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, 1901–1904; 1904–1906; Clinical Instructor in Medicine, Department of Pediatrics, 1911.

ROSE, FLORA, B.S., M.A., Professor of Home Economics, 1911. (Absent on leave, first term.) 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.

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., Clinical Instructor in Surgery, Department of Ophthalmology, 1915. New York City.

SAND, AUSTIN WERTMAN WILLIAM, B.S., Instructor in Floriculture, 1920.

SANDERS, GERALD DEWITT, M.A., Instructor in English, 1919.

SANDERSON, DWIGHT, B.S., B.S. in Agr., Professor of Rural Social Organization, 1918.

SANJURJO, PRIMITIVO R., Ph.D., Instructor in Romance Languages, 1920.

SANTEE, HAROLD ELMORE, A.B., M.D., Instructor in Operative and Clinical Surgery, 1919. New York City.
Assistant, 1913–1914; 1917–1919; Instructor, 1914–1917.

SARACHAN, HERMAN ALBERT, B.S. in M.E., Instructor in Machine Design, 1919.

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.

SCHLOSS, OSCAR M., M.D., Professor of Clinical Medicine, Department of Pediatrics, 1919. New York City.

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.
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.
Assistant Professor, 1915.

SCHROEDER, LOUIS C., M.D., Instructor in Clinical Medicine, Department of Pediatrics, 1919. New York City.

SCHULTZE, OTTO HENRY, A.B., M.D., Professor of Medical Jurisprudence, 1917. New York City. Instructor, 1898; Lecturer, 1904; Assistant Professor of Pathological Anatomy, 1908, and Professor of Medico-Legal Pathology, 1912.

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.

SCOFIELD, JAMES HARRY, B.S. in M.E., Instructor in Machine Design, 1919.

SCOTT, MERIT, A.B., Instructor in Physics, 1920. Assistant, 1918.

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, 1906–1911.

SHARP, LESTER WAYLAND, Ph.D., Assistant Professor of Botany in the College of Agriculture, 1916. Instructor, 1914.

SHARPE, FRANCIS ROBERT, Ph.D., Professor of Mathematics, 1919. (Absent on leave, second term.) 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., Instructor in Machine Design, 1919.

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, 1916–1917.

SIMPSON, SUTHERLAND, D.Sc., M.D., F.R.S.E., World War Memorial Professor of Physiology, 1920. Professor, 1908.

SLICHTER, SUMNER HUBER, Ph.D., Assistant Professor of Economics, 1920.

SMILEY, DEAN FRANKLIN, A.B., M.D., Instructor in Hygiene, 1920.

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.

SMYTH, DONALD DE COU, B.S., Instructor in Geology, 1919.

SNEED, WILLIAM L., M.D., Instructor in Applied Anatomy, 1919. New York City.

SNYDER, VIRGIL, Ph.D., Professor of Mathematics, 1910.
Instructor, 1895; Assistant Professor, 1903.

SOULE, WILLIAM L., M.D., Clinical Instructor in Anaesthesia, Department of Surgery, 1916. New York City.

SPRING, SAMUEL NEWTON, A.B., M.F., Professor of Silviculture, 1917.
Professor of Forestry, 1912.

STAGG, CHARLES TRACY, LL.B., Professor of Law, and Secretary of the College, 1914. (Absent on leave, from December 15, 1920.)
Instructor, 1908; Assistant Professor of Law, 1909

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 Veterinary Medicine, 1919.

STEPHENSON, J. W., M.D., Clinical Instructor in Medicine, Department of Neurology, 1918. New York City.

STEVENS, ROBERT S., A.B., LL.B., Lecturer in Law, 1920.

STEWART, FRED CARLTON, M.S., Professor of Plant Pathology, 1920.[a]

STEWART, FRED WALDORF, A.B., Instructor in Neurology, 1919.
Assistant in Histology and Embryology, 1915; Instructor in Anatomy, 1918.

STEWART, ROLLAND MACLAREN, Ph.D., Professor of Rural Education, 1918.
Acting Professor, 1918.

STILLMAN, RALPH G., M.D., Instructor in Clinical Pathology, 1920. New York City. Instructor in Clinical Medicine, 1914.

STIMSON, PHILIP M., M.D., Clinical Instructor in 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.

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[a]By affiliation with the New York State Experiment Station at Geneva.

STOCKING, WILLIAM ALONZO, jr., M.S. in Agr., Professor of Dairy Industry, 1909.
Assistant Professor, 1906; Acting Director of the College of Agriculture, 1913-1914.

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.

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.

SUNDERVILLE, EARL, D.V.M., Assistant Professor of Veterinary Anatomy, 1913.
Assistant, 1908; Instructor, 1909.

SWITZER, FREDERICK GEORGE, M.E., Assistant Professor of Hydraulics, 1917.
Instructor, 1916.

TANNER, JOHN HENRY, Ph.D., Professor of Mathematics, 1904.
Instructor, 1892; 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.

THEARLE, ERNEST LATHROP, Instructor in Mechanics, 1920.

THILLY, FRANK, Ph.D., LL.D., Professor of Philosophy, 1906; and Dean of the College of Arts and Sciences, 1915. Instructor, 1892–1893.

THOMPSON, HOMER COLUMBUS, B.Sc., Professor of Vegetable Gardening, 1918.

THOMPSON, WARREN SIMPSON, Ph.D., Acting Professor of Rural Social Organization, 1919.

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, 1902–1905; 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.

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 Machine Design, 1919. Instructor, 1910; Acting Assistant Professor, 1918.

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.

UDALL, DENNY HAMMOND, B.S.A., D.V.M., Professor of Veterinary Medicine, 1910; and Director of Ambulatory Clinic, 1914.
Demonstrator, 1900–1901; Acting Professor, 1908.

UNDERWOOD, FRANCIS OMAR, B.S., Instructor in Vegetable Gardening, 1920.

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.
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, 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 FLEET, M.E., M.D., Clinical Instructor in Medicine, Department of Neurology, 1918. New York City. Clinical Assistant, 1915.

VAN RENSSELAER, MARTHA, A.B., Professor of Home Economics, 1911. (Absent on leave, second term.)
Supervisor of Farmers' Wives' Reading Course, 1903; Lecturer, 1907.

VAN SLYKE, LUCIUS LINCOLN, Ph.D., Professor of Dairy Industry, 1920.*

VAN VOLKENBERG, HORATIO LUTHER, D.V.M., B.S., Instructor in Pathology and Bacteriology, Veterinary College, 1919.
Instructor in Materia Medica and Small Animal Clinic, 1918.

VARLEY, JAMES RICHARD, D.V.M., Instructor in Veterinary Surgery, 1920.

VIEWEG, HERMANN FREDERICK, Instructor in Mineralogy, 1920.
Assistant, 1919.

VON ENGELN, OSCAR DIEDRICH, Ph.D., Assistant Professor of Physical Geography, 1912.
Assistant in Dynamic Geology, 1905; Instructor in Physical Geography, 1907.

WADSWORTH, JAMES RAYMOND, Instructor in the Romance Languages and Literatures, 1920. Assistant, 1919.

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. (Absent on leave, March 15 to December 20, 1920.) Assistant Professor, 1913.

WALTER, WILLIAM HOWARD, M.A., LL.B., Instructor in Economics in the College of Agriculture, 1920. Assistant in Rural Economy, 1919.

WANN, FRANK BURKETT, Ph.D., Instructor in Botany, College of Agriculture, 1916.

WARD, GEORGE GRAY, jr., M.D., Professor of Clinical Surgery, Department of Gynecology, 1920.
Instructor, 1898; Assistant Professor, 1916; Associate Professor, 1917.

WARNE, COLSTEN ESTEY, Instructor in Economics, 1920.

WARNER, ANNETTE J., Professor of Home Economics, 1920. (Absent on leave, first term.) 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.
Assistant Professor of Agronomy, 1906; Professor of Farm Management, 1909.

WEBER, JOHN LEROY, C.E., Acting Assistant Professor of Hydraulics, 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.

WELD, HARRY PORTER, Ph.D., Professor of Psychology, 1919.
Assistant Professor of Psychology, 1912.

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

WELLHOUSE, WALTER HOUSLEY, Ph.D., Instructor in Entomology, 1919.
Assistant, 1917; Instructor, 1918.

WELLS, ALBERT EDWARD, Sibley Professor of Mechanic 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.

WESTERMANN, WILLIAM LINN, Ph.D., Professor of Ancient History, 1920.

WHETZEL, HERBERT HICE, A.B., Professor of Plant Pathology, 1909.
Assistant, 1903; Assistant Professor, 1906.

WHITE, ANDREW CURTIS, Ph.D., Reader in Greek, 1903, and Assistant Librarian, 1889. Instructor in Latin, 1885–1886; Instructor in Greek and Latin, 1886–1888; Instructor in Latin, 1888-1889; Instructor in Greek, 1898–1899; Reader in Greek, 1899–1901.

WHITE, EDWARD ALBERT, B.S., Professor of Floriculture, 1913.

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 Otology, 1904. New York City.

WHITING, WILLIAM ALONZO, B.S., Instructor in Dairy Industry, 1917.

WICHELNS, HERBERT AUGUST, A.B., Instructor in Public Speaking, 1920.
Assistant, 1916; Instructor, 1917–1918.

WIEGAND, KARL MCKAY, Ph.D., Professor of Botany in the College of Agriculture, 1913. Assistant, 1894; Instructor, 1899–1907.

WIGGANS, ROY GLEN, Ph.D., Assistant Professor of Farm Crops, 1919.
Assistant in Agronomy, 1914; Instructor in Farm Crops, 1915–1916; 1917.

WILBER, DAVID TRUXTON, A.B., Instructor in Physics, 1918.
Instructor in Mineralogy and Petrography, 1912–1914; 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, 1901–1907.

WILLIAMS, GERALD CROFOOT, Instructor in Civil Engineering, 1920.

WILLIAMS, WALTER LONG, Professor of Obstetrics and Research Professor of the Diseases of Breeding Cattle, 1915. (Absent on leave, first term.)
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.

WILLIAMS, WILLIAM LLOYD GARRISON, Ph.D., Instructor in Mathematics, 1920.

WILLIAMSON, HARVEY C., M.D., Instructor in Obstetrics, 1917. New York City.

WILLIS, ELIAS ROOT BEADLE, A.M., Instructor in Greek, 1919.

WILSON, BENJAMIN DUNBAR, Ph.D., Assistant Professor of Soil Technology, 1919.
Assistant, 1915; Instructor, 1917.

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, MAY G., M.D., Clinical Instructor in Medicine, Department of Pediatrics, 1918. New York City.

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. (Absent on leave.) 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.

WITTWER, NORMAN CARL, Instructor in Machine Design, 1920.

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; Dean of the College of Law, 1916. Instructor in English, 1888–1890; Acting Dean, 1914–1916.

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, 1917–1919.

WORKS, GEORGE ALAN, Ph.B., M.S. in Agr., Professor of Rural Education, 1914.

WRIGHT, ALBERT HAZEN, Ph.D., Assistant Professor of Zoology, 1915.
Assistant in Neurology and Vertebrate Zoology, 1905; Instructor, 1908.

WRIGHT, IVAN, B.A., B.S., M.S., Instructor in Rural Economy, 1918.
Assistant, 1917.

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.

ZEINER, EUGENE FRANCIS, M.E., Instructor in Experimental Engineering, 1920.

ZUIDEMA, ALBERT, Instructor in Mechanics, 1920.

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.

BECHTEL, J. R., Extension Instructor in Vegetable Gardening, 1921.

BEHRENDS, FREDERICK GARDNER, B.S., Assistant Extension Professor of Rural Engineering, 1919. Instructor, 1916–1917.

BERTRAMS, MATHILDA E., Ph.B., Extension Instructor in Home Economics, 1919.

BLINN, ALICE M., Extension Instructor in Home Economics, 1919.

BLODGETT, WARREN KENDALL, A.B.,.Assistant Extension Professor of Rural Engineering, 1917.

BOTSFORD, HAROLD EUGENE, B.S., Assistant Extension Professor of Poultry Husbandry, 1920. Extension Instructor, 1918; Assistant, 1916.

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, 1919. Assistant Extension Professor, 1919.

BREWER, SARAH LUCILE, B.S., Assistant Extension Professor of Home Economics, 1919. Instructor, 1916; Assistant Professor, 1918.

BULLARD, CARL R., Extension Instructor in Rural Engineering, 1921.

BURKHOLDER, W. H., Assistant Professor of Plant Pathology, 1921.

BUTLER, MOSHER OWEN, B.S., Assistant Extension Professor of Vegetable Gardening, 1920. Extension Instructor, 1918–1919; Instructor, 1919–1920.

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, G. HARRIS, B.S., Assistant Extension Professor of Forestry, 1916.

DE WOLFE, RACHEL, Extension Instructor in Home Economics, 1920.

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.

GOODMAN, ALPHEUS M., B.S.A., Extension Assistant Professor of Rural Engineering, 1920. Extension Instructor, 1919.

GUSTAFSON, AXEL FERDINAND, B.S., M.S., Assistant Extension Professor of Soil Technology, 1920. Instructor, 1920.

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, Extension Instructor in Home Economics, 1920.

LEONARD, MORTIMER DEMAREST, Ph.D., Extension Instructor in Entomology, 1917. Assistant, 1912.

MCNEAL, NANCY HILL, Ph.B., Assistant Extension Professor of Home Economics, 1919. Instructor, 1917; Extension Instructor, 1918.

NORTON, LAWRENCE JOSEPH, B.S., Extension Instructor in Farm Management, 1919. Instructor, 1917–1919.

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.

PEABODY, F. H., Instructor in Animal Husbandry, 1921.

PECK, GILBERT WARREN, M.S. in Agr., Assistant Extension Professor of Pomology, 1920. Instructor, 1913; Extension Instructor, 1917-1918.

PORTER, JOSEPH PULLMAN, B.S., M.L.D., Extension Instructor in Landscape Art, 1919. Assistant,1917; Instructor, 1917.

RANNEY, EDITH SARA, B.S., Extension Instructor in Home Economics, 1919.

REYNOLDS, ELLEN ANN, M.S., M.A., Assistant Extension Professor of Home Economics, 1920. Extension Instructor, 1920.

ROBERTSON, F. E., 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.

ROYCE, CHARLES HOWARD, M.S. in Agr., Assistant Extension Professor of Animal Husbandry, 1916.

SCHOLES, BONNIE ELIZABETH, B.S., Assistant Extension Professor of Home Economics, 1919.

SCHUMAKER, DORIS, Extension Instructor in Home Economics, 1920.

SCOVILLE, GAD PARKER, B.S. in Agr., Extension Professor of Farm Management, 1920. Assistant Professor, 1914; Assistant Extension Professor, 1917.

SILCOX, CHARLES N., B.S., Extension Instructor in Farm Crops, 1920.

SIMONS, L. R., 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, Extension Service, 1920. Assistant State Leader, 1919.

SNOOK, ESTHER, 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., Extension Instructor in Rural Engineering, 1919. Instructor, 1913–1915; 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 A., Assistant County Agent Leader, Extension Service, 1920.

THOMAS, HARVEY EARL, M.S., Assistant Extension Professor of Plant Pathology, 1920. Assistant, 1920.

THURSTON, FLORA MARTHA, B.S., Extension Instructor in Home Economics, 1919.

TOAN, LEWIS AUSTIN, B.S.A., Assistant County Agent Leader, Extension Service, 1919.

VINSON, CARL G., Extension Instructor in Pomology, 1919.

VOORHEES, JOHN HARING, B.S., Assistant Extension Professor of Farm Crops, 1918.

WEAVER, LELAND EUGENE, Extension Instructor in Poultry Husbandry, 1920. Assistant, 1917–1918.

WEST, L. S., Instructor in Entomology, 1921.

WHEELER, RALPH HICKS, B.S., Professor in Extension Service, 1917. (Absent on leave after May 1, 1921.) 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.

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, ERNEST CHARLES, B.S., Extension Instructor in Farm Management, 1919. Assistant in Animal Husbandry, 1917; Extension Instructor in Farm Management, 1918; Instructor, 1918.

YOUNG, HARRY P., B.S., Extension Instructor in Farm Management, 1919. Instructor, 1918.

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

ASSISTANTS

ADAMS, JAMES RICHARD, Chemistry.
ADELMANN, HOWARD BERNHARDT, A.B., Histology and Embryology.
ADELSBERG, HYMAN, Economics.
AIKEN, HUGH KERR, jr., B.S., Chemistry.
ANDREWS, GEORGE GORDON, A.M., English History.
ARMSTRONG, EDWARD MCPHERSON, M.D., Clinical Surgery, New York City.
ATKINSON, JEROME THOMAS, Physical Education.
BABBITT, ROSS MILTON, B.S., Chemistry.
BALENZWEIG, IRVING, A.B., M.D., Applied Anatomy, New York City.
BALLOU, HAROLD, Romance Languages.
BARRETT, WILLARD RIEHLMAN, B.Chem., Chemistry.
BASSETT, CHARLES FERNANDO, Physical Geography.
BASSETT, SAMUEL HOPKINS, A.B., Anatomy.
BAUGHMAN, W. H., Immunology, New York City.
BAWKIN, HARRY, M.D., Laboratory Assistant, New York City.
BAYNE, THOMAS L., jr., B.S., Rural Education.
BEEKMAN, FENWICK, M.D., Clinical Surgery, New York City.
BERNEY, LAWRENCE S., Machine Shop.
BISHOP, HOMER GUY, Ph.D., Psychology.
BISHOP, SHERMAN CHANCEY, B. S., Entomology.
BOLLING. RICHARD W., M.D., Clinical Surgery, New York City.
BOUDIN, ELEANOR, Economics.
BRANCH, HAZEL ELIZABETH, Ph.D., Entomology.
BREWSTER, ELISABETH ESTHER, Farm Practice.
BRITT, ROBERT EMERY, Rural Engineering.
BRUNETT, EARL LOUIS, Pathology and Bacteriology, New York City.
BURNHAM, STEWART HENRY, B.S., Botany.
BURR, EMILY T., A.B., Pathology.
BURROUGHS, AMBROSE MATSON, B.S., Pomology.
BUSH, HOWARD STANLEY, Pattern Shop.
BUTLER, ETHAN F., M.D., Clinical Surgery, New York City.
BUYS, JOHN LEVENUS, M.S., Entomology.
CARRIER, EGBERT WENDELL, Chemistry.
CASSASSA, CHARLES S. B., Pathological Anatomy, New York City.
CASTLE, HEMPSTEAD, Aquiculture.
CHURCHILL, CHARLES HARVEY, Physics.
CLAPP, GRACE LUCRETIA, Ph.D., Plant Pathology.
CLUM, HAROLD HAYDN, A.B., Botany.
COOKE, REGINALD B., Ph.D., Philosophy.
COOKE, ROBERT ANDERSON, A.M., M.D., Lecturer in Applied Immunology, New York City.
COREY, ROBERT BRAINARD, B.Chem., Chemistry.
CRAIG, STEWART L., M.D., Otology, New York City.
CRAIG, WILLIAM THOMAS, Plant Breeding.
CULLEY, PAUL GAMBER, Physics.
CURPHEY, JAMES DODDS, Chemistry.
DAIN, BRYANT DEPEW, B.S., Forestry.
DAVIS, HARRY E., Machine Shop.
DEARTH, OTTO ART, B.S. in Ed., Histology and Embryology.
DEWAR, JOSEPH KYLE, Psychology.
DEWITT, CLARENCE J., Forge Shop.
DICKSON, FRANK, Plant Pathology.
DIKEMAN, RAYMOND CHARLES, B.S., Farm Crops.
DOMINICK, JOHN HENRY, Physical Education.
DUBOIS, RAYMOND V., Poultry Husbandry.
DUDLEY, GUILFORD S., A.B., M.D., Clinical Surgery, New York City.
DUMOND, F. L., Forestry.
ECKLEY, PAUL WITHERSPOON, A.B., Hygiene.
EDWARDS, DAYTON JAMES, Ph.D., Lecturer on Physiology, New York City.

EINHORN, MAX, M.D., Lecturer on Medicine, New York City.
ENGLE, ELDON B., A.B., Soil Technology.
EPSTEIN, J., M.D., Pediatrics, New York City.
ESCHWEILER, CARL FERDINAND, Physical Education.
EYSTER, LEWIS ARTHUR, A.B., M.S., in Agr., Plant Breeding.
FELDMAN, SAMUEL, Psychology.
FENNER, LAWRENCE MYRON, B.Sc. Agr., Plant Pathology.
FISHER, WALTON ISAAC, Plant Breeding.
FORBES, WILLIAM TROWBRIDGE MERRIFIELD, Entomology.
FRANCIS, JAMES, Rural Engineering.
GAMBLE, WILLIAM C., Zoology.
GASKILL, GUSSIE ESTHER, A.M., English History.
GILLIS, MERL CONRAD, M.S., Plant Breeding.
GOLDSCHMIDT, SAMUEL, M.D., Lecturer on Physiology, New York City.
GOTTSCHALK, LOUIS, A.M., Ancient and Modern European History.
GRAHAM, VI ARVIN, Biochemistry.
GRAVES, WILLIAM BROOKE, American History.
GREEN, DANA B., Machine Shop.
GRIFFIN, CLEMENT LEROUX, B.Chem., Chemistry.
GUNN, FRANK DOWDEN, Histology.
HALL, WALTER JAY, Veterinary Medicine.
HARRINGTON, HOWARD LEWIS, Physics.
HARRIS, DOROTHY MARGARET, A.B., Geology.
HARTT, HAROLD ARTHUR, Chemistry.
HARWOOD, ROBERT DANIEL, B.A., Biology.
HAUSMAN, ETHEL HINCKLEY, B.S., Entomology.
HAWLEY, GEORGE W., M.D., Lecturer on Fractures, New York City.
HEAD, WALTER LISTON, Forge Shop.
HELPS, ANDREW JAMES RONALD, Chemistry.
HEMMER, ANDREW JOSEPH, A.B., Chemistry.
HINE, WILLARD RUDOLPH BERNARD, B.S., Forestry.
HITCHCOCK, RAYMOND OWEN, A.B., Anatomy.
HOEL, ARCHIE BERNHARD, B.A., Chemistry.
HOLT, EVELYN, A.B., Anatomy.
HOLZBERGER, WALTER SCOTT, Chemistry.
HOOPER, LEROY, Pattern Shop.
HOUCK, ROBERT C., Chemistry.
HUCKETT, HUGH CECIL, B.S.A., M.A., Entomology.
HULME, HAROLD, A.B., English History.
HUNN, CHARLES EDWARD, Landscape Art.
HUTCHINSON, EDMUND JAMES, B.P.E., Physical Education.
JENNINGS, BURTON AARON, Rural Engineering.
JOHNSON, CHARLES HENRY, A.B., Chemistry.
JONES, MERTON W., Physics.
KAHLER, HERBERT, B.S., Physics.
KEASBEY, LOUISA EDWINA, A.M., Physiology.
KEENAN, DELBERT ERNEST, Romance Languages.
KENNEDY, HARVEY THOMAS, Physics.
KENNEDY, JAMES ARTHUR, A.B., Chemistry.
KENNEDY, ROBERT CHARLES, Physics.
KENNEDY, ROY JAMES, Physics.
KESSEL, MARCEL HARTWIG, English.
KIRK, WINIFRED, Anatomy, New York City.
KIRKLAND, LUTHER CLINTON, Farm Practice.
KIRKPATRICK, ELLIS LORE, B.S.A., Rural Social Organization.
KLEEGMAN, ANNA, M.D., Pediatrics, New York City.
KRECH, KARL GILBERT, Chemistry.
LACEY, HAROLD TALBOT, Chemistry.
LANG, FREDERICK ROBERT, Chemistry.
LANSING, ARTHUR CORNELIUS, Soil Technology.

LAPE, FREDERICK HENRY, English.
LAUBENGAYER, ALBERT WASHINGTON, Chemistry.
LEE, GEORGE STERLING, jr., Physical Geography.
LEWIS, BENJAMIN F., Physics.
LINDSAY, DANIEL CURTIS, Physics.
LINDSLEY, LUTHER CAMPBELL, B.A., Chemistry.
LIPPINCOTT, WILLIAM LEROY, B.Chem., Chemistry.
LUNDIE, ARNOLD ERNEST, B.S. in Agr., Entomology.
LUSCHER, RUTH MARGARET, Physical Geography.
MCCARTHY, GERALD RALEIGH, Geology.
MCCONNELL, JAMES ASHER, B.S. in Agr., Animal Husbandry.
MCELFRESH, JOHN LISTER, Chemistry.
MCNALLY, JOHN MICHAEL, A.C., Chemistry.
MARKLEY, ALTON LEFEVRE, B.S., Agricultural Chemistry.
MARTIN, ALEXANDER CAMPBELL, A.B., Botany.
MASON, CLYDE WALTER, A.B., Chemistry.
MERCHANT, CHARLES HENRY, B.S., Rural Economy.
MERRILL, FREDERIC BRETTELL, A.B., Forestry.
METZGER, HERMAN ARTHUR, Physics.
MOODY, ALDEN HOWARD, B.S., Chemistry.
MOORE, JOHN MACLEOD, Chemistry.
MOORE, ROY WALLACE, B.S., Agricultural Chemistry.
MORGAN, GODFREY, jr., Physics.
MORROW, GLENN RAYMOND, M.A., Philosophy.
MORSE, CHARLES WALTER, Chemistry.
MULCAHY, THOMAS A., M.D., Otology, New York City.
MULLER, HENRY RICHARD, A.B., M.D., Pathology, New York City.
MULLER, PHILIP, M.D., Pediatrics, New York City.
NEEDHAM, PAUL, Apiculture.
NOYES, BRADFORD, Physics.
OWEN, JAMES T., Extension Teaching.
PADDOCK, ARTHUR JAMES, Pathology and Bacteriology (Veterinary College).
PADDON, WILLIAM WALLACE, Chemistry.
PALMER, S. DOUGLAS, A.B., M.D., Anatomy, New York City.
PARSELL, RICHARD KENDRICK, Chemistry.
PATTERSON, CHARLES H., Foundry.
PELLMAN, ARTHUR GEORGE, Economics.
POTTER, MARY ISABELLE, B.S., M.L.D., Landscape Art.
PRATT, ALGEO NEWELL, B.S., Pomology.
PURDY, ALVIN CANFIELD, A.B., Chemistry.
PURDY, DONALD MACLEAN, A.B., Physics.
RANDOLPH, LOWELL FITZ, Ph.B., Botany.
REITZ, WILLIAM WALTER, M.S., Rural Education.
RILEY, EDGAR HEISLER, A.B., Medieval History.
ROMETSCH, WILLIAM HENRY, jr., Chemistry.
ROSS, MORRIS BROOKES, B.S., Agricultural Chemistry.
RUPPEL, HENRY G., Chemistry.
RUSSELL, GEORGE HENRY, B.S., Nature Study.
RYNALSKI, AUGUSTYN, Theodore, Chemistry.
ST. JOHN, RUTH ANITA, Geology.
SCHNATZ, FREDERICK THEODORE, Zoology.
SCHNEE, VERNON HIGGS, Chemistry.
SEVERINGHAUS, LESLIE RICHARD, Physics.
SEWELL, DOROTHY, A.B., Histology.
SHELDON, PEARL GERTRUDE, Ph.D., Geology.
SHERBURNE, ARTHUR JOHN, B. Chem., Chemistry.
SMITH, RALPH HARRY, Ancient History.
SPERRY, WARREN MYRON, Chemistry.
STECZYNSKI, MYRON EDWARD, Physics.
SUTTLE, ANDREW DILLARD, M.S., Farm Crops.

TAYLOR, FENTON, M.D., Clinical Surgery, New York City.
THOMAS, RAYMOND EINNON, Mineralogy.
THOMPSON, ALVIN C., B.Sc.Agr., Vegetable Gardening.
THOMPSON, JOHN GRAHAM, Chemistry.
TRAVIS, REED PELTON, B.S., Dairy Industry.
TRESSLER, KATHARINA MARJORIE, Chemistry.
ULLMAN, DAVID LOUIS, A.B., Philosophy.
UTTERBACK, WILLIAM EMIL, A.B., Public Speaking.
VANDERHOEF, JAMES ELIJAH, Foundry.
VAN WINKLE, KATHERINE E. HILTON, B.S., Paleontology.
VEDDER, EARL CHARLES, A.B., Political Science, 1920.
VOORHEES, JAMES VEGHTE, Chemistry.
VOSE, RICHARD SHEPARD, B.Sc., Chemistry.
WARBURTON, FRED WILLIAM, Physics.
WARBURTON, CLARK ABRAM, Economics.
WARSHOW, IRVING HENRY, Economics.
WEEKS, LESTER FRANK, B.S., A.M., Chemistry.
WHEELER, GEORGE WHITING, M.D., Bacteriology, New York City.
WILBUR, JAMES WALDO, Physics.
WILCOX, STEWART ARTHUR, Machine Construction.
WILLIAMS, RUTH GLADYS, Botany.
WILLISON, DOROTHY, A.B., Agricultural Chemistry.
WILSON, CARL LOUIS, A.B., Botany.
WOLFSON, ALFRED MORTIMER, Botany.
WOOD, HILTON GERARD, Chemistry.
WRIGHT, FORREST BLYTHE, Rural Engineering.
YAWGER, ERNEST STANLEY, Machine Construction.
YOUNG, GERTRUDE PARKER, Physical Education.

ASSISTANTS IN MILITARY SCIENCE AND TACTICS

ANDERTON, CHARLES EDWARD, jr., Cadet Captain.
APPLEGATE, EDWARD CUYLER, Cadet Captain.
ASHCROFT, ALFRED GRIFFIN, Cadet Major.
BEACH, STAFFORD BACON, Cadet Captain.
BEUTEL, FREDERICK KEATING, Cadet Captain.
BOSWORTH, HENRY BURT, Cadet Captain.
BURKE, JAMES HARRY, Cadet Major.
CORNISH, EDWARD HARRISON, Cadet Captain.
CULLEY, PAUL GAMBER, Cadet Captain.
DUFFIES, EDWARD LOWE, Cadet Captain.
FRY, MILES WILLIAM, Cadet Captain.
HOLLIS, WILLIAM CARROLL, Cadet Captain.
HOWE, DONALD ATKINS, Cadet Captain.
HUGGER, ALBERT JOSEPH, Cadet Captain.
MCCARTHY, ROLLIN HERBERT, Cadet Captain.
MIFFLIN, WILLIAM BIDDLE, Cadet Captain.
PIGMAN, AUGUSTUS PENN, Cadet Captain.
PIRNIE, NELSON R., Cadet Colonel.
RACE, HUBERT HAWLEY, Cadet Captain.
SHANER, BERNARD KING, Cadet Major.
SMITH, RALPH HARRY, Cadet Captain.
SPEER, FRANKLIN RAUB, Cadet Major.
STRICKLER, DANIEL BURSK, Cadet Lieutenant Colonel.
UPSTILL, EDGAR DAYE, Cadet Captain.
WENGER, RALPH ANDERSON, Cadet Captain.
WEST, ARTHUR MATTHEW, Cadet Captain.

STANDING COMMITTEES OF THE UNIVERSITY FACULTY

The year in parenthesis indicates the date of retirement.

Committee on Admission by Certificate. Professor G. P. Bristol (1921), Chairman; the Dean of the University Faculty; Professors J. P. Bretz (1921); P. R. Pope (1922); R. C. Gibbs (1922); W. B. Carver (1923); J. R. Schramm (1923); R. H. Keniston (1924); L. N. Broughton (1924); the Registrar.

Committee on Student Affairs. The Dean of the University Faculty, Chairman; Professors Cornelius Betten (1921); C. K. Burdick (1921); Capt. T. J. J. Christian (1921); C. A. Martin (1921); C. T. Stagg (1921); M. W. Sampson (1922); H. H. Wing (1922); W. N. Barnard (1923); J. P. Bretz (1923); W. A. Hurwitz (1924); the Registrar.

Committee on Undergraduate Scholarships. The Dean of the University Faculty, Chairman; Professors R. H. Keniston (1921); Virgil Snyder (1921); William Strunk (1921); R. C. Gibbs (1922); A. L. Andrews (1922); James McMahon (1923); Donald English (1923); Carl Becker (1924); G. B. Upton (1924).

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 in Ithaca.

Committee on Relations to Secondary Schools. Professor G. P. Bristol, Chairman; the Dean of the University Faculty; Professors G. A. Works; J. P. Bretz; 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 Cornelius Betten and Herman Diederichs; Woodford Patterson, Secretary of the Committee.

Entrance Examination Board. Professor B. S. Monroe (1924) Chairman; the Dean of the University Faculty; Donald English (1921); O. A. Johannsen (1921); Laurence Pumpelly (1921); F. C. Prescott (1921); C. H. Hull (1922); J. F. Mason (1922); J. H. Tanner (1923); P. R. Pope (1923); D. F. Hoy (1924).

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 in Ithaca; the Registrar; the Secretary of the University.

University Committee on Hygiene and Sanitation. Professors A. T. Kerr, V. A. Moore, H. N. Ogden, C. V. P. Young, M. T. Root.

Committee on Music. The Dean of the University Faculty; Professor G. P. Bristol; Professor E. H. Woodruff.

Committee on Prizes. The Dean of the University Faculty; Professor C. H. Hull; Professor C. T. Stagg.

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

OTHER OFFICERS

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University, 1920.
Assistant Professor of Mechanical Engineering, 1887–1891; Professor of Power Engineering, and Dean of Sibley College, 1904–1920.

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 Mediæval 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 HOY, 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 Infirmaries, 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., Instructor in Hygiene and Assistant Medical Advisor, 1920.

E. C. SHOWACRE, M.D., Assistant Medical Adviser, 1920.

C. H. GRAVES, Assistant Medical Adviser, 1920.

MARGARETE D. BAKER, M.D., Instructor in Hygiene and Assistant Medical Adviser, 1919.

MAUDE ETHEREDGE, M.D., Assistant Medical Adviser, 1920.

MARGARET RUPERT, M.D., Assistant Medical Adviser, 1920.

ALTON J. CHOATE, M.D., Assistant Medical Adviser, 1920.

PAUL WITHERSPOON ECKLEY, A.B., Assistant in Hygiene, 1920.

ELOISE MEEK, 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

1920-1921

JOHN R. MOTT: The Present Outlook in Europe.
DR. WILLIAM LYON PHELPS: Culture and Happiness.
DR. EMANUEL NEUMANN: An Appreciation of Modern Jewish Literature.
JACOB BILLIKOPF: The European Student Today.
DR. L. SILBERSTEIN: The Theory of Relativity.
THE REV. A. RAY PETTY: Crisis of Poverty on New York's Lower West Side.
DR. FREDERICK J. BLISS: Islam and the Secret Cults in Syria.
BARON GERARD DE GEER: The Oldest Annals of the World.
JONATHAN C. DAY: Parasites in Food Distribution.
DR. VICTOR ANDRES BELAUNDE: Hispanic-American Culture and Ideals.
STATE SENATOR GEORGE W. CARTWRIGHT: Americanism.
L. B. MCMILLAN: Heat Insulators.
DR. JOHN E. TEEPLE: Chemistry and Engineering in American Potash Manufacture.
SIGNORA OLIVIA ROSSETTI AGRESTI: The Contribution of the Rossettis and the Preraphaelite Movement in England to the Life of Today.
The International Institute of Agriculture in Rome.
F. W. PEEK, jr.,: Some Problems in 220,000 Transmission.
DR. CHARLES J. GALPIN: The Human Side of Farming.
A. F. LEVER: Financing the Farm.
THE HON. HENRY M. SAGE: An Address.
CHARLES H. TUCK: Russia in the Far East.
GASTON RIOU: Impressions d'un Français étudiant l'histoire d'Amérique.
MONSIEUR L'ABBE ERNEST DIMNET: Future Relations of France with Germany.
JOHN L. HARPER: Niagara Falls Power Development.
GIPSEY SMITH: From Gypsy Tent to Pulpit.
DR. GEORGE E. VINCENT: An Address.
THE REV. DOCTOR HENRY SLOANE COFFIN: Religion and Life.
ALICE SELIGSBERG: Palestine Under the British Mandate.
DR. IRVING LANGMUIR: The Structure of the Atom.
DR. WILLIAM M. LEISERSON: Industrial Government.
S. M. DAY: Alternating Current Automatic Block Signaling.
ROBERT EIDLITZ: An Address.
ERIC A. HORNE: Dyarchy in British India: A great Experiment in Constitutional Government.
JULIUS HENDEL: A comparison of the Great Wheat Markets of the World as to the Efficiency of their Systems.

Summer Session, 1920

DR. W. VAN BEMMELEN: Java's Volcanoes, Scenery and Science.
PROFESSOR GEORGES VATTIER: France et Amérique.
THE REV. C. WALLACE PETTY: Some Assets and Liabilities of the New Age.
PROFESSOR EUGENE HUET: Edmond Rostand. François Rabelais et son Oeuvre.
HELEN GRIMES: Reducing the High Cost of Living.
THE RT. REV. CHARLES FISKE: The Relations between Christianity and Business.
ALMA M. BULLOWA: Reconstruction Days in France.
NINA LEGGE: The Use of the Phonograph in the School Room.
THE REV. JOSEPH H. ODELL: On the Frontiers of Democracy.
JOSIAH MORSE: Some Aspects of the Negro Problem.
PIERRE MAUREY: Alphonse Daudet.
RABBI LOUIS J. KOPALD: How the Church Programme Became the Industrial Program.
FRANCIS A. CHRISTIE: The Appreciation of Art.
PROFESSOR CLARENCE A. GRAESER: Les Origines de la Marseillaise.
WILLIAM R. GEORGE: The Work of the George Junior Republic.

UNIVERSITY PREACHERS ON THE DEAN SAGE PREACHERSHIP ENDOWMENT, 1920-1921

JOHN R. MOTT, D. D., Secretary of the World's Student Christian Federation.
THE REV. C. WALLACE PETTY, Mount Morris Baptist Church, New York City.
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. SAMUEL A. ELIOT, D.D., LL.D., President of the American Unitarian Association.
THE REV. WILLIAM F. MCDOWELL, D.D., L.H.D., Bishop of the Methodist Episcopal Church, Washington, D. C.
THE REV. MAXWELL SAVAGE, the First Unitarian Church, Worcester, Mass.
THE REV. C. A. BARBOUR, D.D., President of the Rochester Theological Seminary.
THE REV. NEHEMIAH BOYNTON, D.D., the Clinton Avenue Congregational Church, Brooklyn.
THE REV. SAMUEL S. MARQUIS, D.D., Head of the Sociological Department of the Ford Motor Company, Detroit.
THE RT. REV. CHARLES H. BRENT, D.D., LL.D., Bishop of Western New York.
THE REV. MALCOLM J. MCLEOD, D.D., the Collegiate Church of St. Nicholas, New York City.
THE REV. JOHN A. MACINTOSH, D.D., McCormick Theological Seminary, Chicago, Ill.
THE REV. NORMAN B. NASH, Episcopal Theological School, Cambridge, Mass.
THE REV. WILLIAM H. S. DEMAREST, D.D., President of Rutgers College.
THE REV. CHARLES J. SMITH, D.D., President of Roanoke College, Salem, Va.
THE REV. SAMUEL TYLER, D.D., St. Luke's Episcopal Church, Rochester, N. Y.
THE REV. HUGH BLACK, D.D., D. Litt., Union Theological Seminary, New York City.
THE REV. MURRAY BARTLETT, D.D., President of Hobart College.
THE REV. FREDERICK ROBERTSON GRIFFIN, First Unitarian Church of Philadelphia.
THE REV. ANSON PHELPS STOKES, D.D., Secretary of Yale University.
THE REV. HENRY SLOANE COFFIN, D.D., Madison Avenue Presbyterian Church, New York City.
THE REV. CECIL V. COOK, D.D., First Baptist Church, Charlottesville, Va.
THE REV. J. ROSS STEVENSON, D.D., LL.D., President of Princeton Theological Seminary.
THE REV. WALLACE E. BROWN, D.D., the University Methodist Episcopal Church, Syracuse, N. Y.
THE REV. EDWARD C. MOORE, D.D., LL.D., Plummer Professor of Christian Morals, Harvard University.
THE REV. FRANCIS A. CHRISTIE, D.D., Meadville Theological Seminary, Meadville, Pa.
THE REV. CHARLES LEWIS GOMPH, Rector of Grace Church, Newark, N. J.
THE REV. FRANCIS G. PEABODY, D.D., Harvard University.
THE REV. JOSEPH RANKIN DURYEE, D.D., New York City.
THE REV. JAMES E. FREEMAN, D.D., The Church of the Epiphany, Washington, D.C.
THE REV. RAYMOND L. FORMAN, D.D., St. Paul's Methodist Episcopal Church, New York City.
THE REV. F. C. SOUTHWORTH, D.D., LL.D., President of Meadville Theological School, Meadville, Pa.
THE REV. JOHN KELMAN, D.D., Fifth Avenue Presbyterian Church, New York City.

Summer Session, 1920

THE REV. C. WALLACE PETTY, Mount Morris Baptist Church, New York City.
THE RT. REV. CHARLES FISKE, D.D., LL.D., Bishop Coadjutor, Diocese of Central New York, Syracuse.
THE REV. JOSEPH H. ODELL, D.D., Director, Service Citizens of Delaware, Wilmington.
RABBI LOUIS J. KOPALD, Temple Beth Zion, Buffalo, N. Y.
THE REV. CHARLES A. CHRISTIE, D.D., Meadville Theological Seminary, Meadville, Pa.

ADMISSION TO THE UNDERGRADUATE COLLEGES

For admission to the Graduate School see p. 57; for admission to the Medical College see p. 120.

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 conditions of admission for these three classes of persons are separately described on pp. 46, 53, and 52.

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 credits in units that may be offered in each for admission to the University are:

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

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. 4 units of Latin, English, German, French or Spanish; three units of Greek or Italian; one unit of Physics or Chemistry) in Nos. 1–18.

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

A candidate for admission who presents No. 19 in the list above as a part of the fifteen units required for entrance will not be allowed to take any examination for college credit at entrance (see p. 52.)

The following tabulation shows the subjects and credits required by the several colleges.

Entrance Requirements of the Undergraduate Colleges

Arts and Sciences A.B. 4 years	Arts and Sciences B.Chem. 4 years	Law 3 years	Agriculture 4 years	Veterinary 4 years	Architecture 4 years	Architecture 4½ or 5 yrs.	Fine Arts	Engineering 4 years	Engineering 4½ or 5 yrs.
English, 3	English, 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.	English, 3	English, 3	English, 3	For admission to Architecture having at least 15 units of entrance credit but lacking some of the credits in entrance mathematics is advised to enter the 4½-year course at mid-year or the 5-year course in September and to take during his first year in the University along with other studies his entrance deficiencies for the 4-year course. An applicant for admission to Engineering having at least 15 units of entrance credit but lacking some of the credits in entrance mathematics is advised to enter the 4½-year or the 5-year course in September and to take during his first year in the University along with other studies his entrance deficiencies for the 4-year course.	English 3	English, 3	For admission to engineering having at least 15 units of entrance credit but lacking some of the credits in entrance mathematics is advised to enter the 4½-year or the 5-year course in September and to take during his first year in the University along with other studies his entrance deficiencies for the 4-year course.
Foreign Languages, 5	French, 3 or German, 3		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	One Foreign Language, 3 or two languages, 4	
History, 1	History, 1		History, 1	History, 1	History, 1		History, 1	History, 1	
					Physics, 1				
Plane Geometry, 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	Elementary Algebra, 1	
	Intermediate Algebra, ½		Solid Geom. and Pl. Trigonometry are not required but are strongly recommended for students intend'g to take Forestry or Landsc. Art.	See Note	Intermediate Algebra, ½			Intermediate Algebra, ½	
	Solid Geometry, ½				Solid Geometry, ½		Solid Geometry, ½	Solid Geometry, ½	
	Advanced Algebra, ½				Advanced Algebra, ½		Solid Geometry, ½	Advanced Algebra, ½	
	Plane Trigonometry, ½				Plane Trigonometry, ½		Physics, 1	Plane Trigonometry, ½	
Elective, 4	Elective, 4		Elective, 6-5	Elective, 6	Elective, 3-2		Elective 4½-3½	Elective, 4-3	
Total, 15	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 full 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 and 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, and 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.

Admission of Women to Undergraduate Courses

The number of the women that can be admitted to undergraduate courses is necessarily determined by the number that can be housed in a reasonably satisfactory manner.

For the year 1920–1921 it was therefore required that women desiring to enter the University deposit with the Treasurer of the University, on or before September 1, 1920, the sum of $10, with the understanding that the deposit of $10 would be refunded (1) to a student who failed to satisfy the entrance requirements of the University and (2) to a student who withdrew her application for any reason before September 15, 1920; or would be applied in payment of the matriculation fee of the student entering the University. In special cases permission to register might be granted to a student applying after September 1, 1920. This permission might be granted by the college in which the student wished to register if the college, after consultation with the Dean of Women, found that suitable housing accommodations were available.

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 either the four-year or five-year course 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 and which will lead to the degree of Mechanical Engineer, Electrical Engineer, Civil Engineer, Bachelor of Architecture, Bachelor of Science in Architecture, or Bachelor of Fine Arts, at the end of four and a half years. Those who at this time meet the requirements for admission to the five-year course must enter the University classes in such of the mathematical courses required for admission to the four-year courses as have not been credited to them.

In order to secure admission at mid-year with advanced standing in the regular four-year courses in the colleges of Engineering and Architecture, with a view to graduating 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 certificates 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 50).
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 in 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 (not comprehensive) 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, and Spanish.

The next examinations of the College Entrance Examination Board will be held in Ithaca, and in various other places, June 19-24, 1922.

The examination fee for 1922 will be determined by the Board at its meeting in November, 1921.

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 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 schools, 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. 50.

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 deficiences 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, in the College of Architecture, and in the Sibley School, twenty-one years of age.

The School of Civil Engineering admits as special students persons at least twenty-one years of age who are college graduates and who intend to pursue advanced work without being candidates for a degree. The Sibley School of Mechanical Engineering requires that its special students shall have had engineering experience and the equivalent of the mathematics specified for the admission of regular 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 Ithaca	$200
In the Medical College in New York City	250
In the Graduate School	75
In the third term in Agriculture (1921)	75
In the Summer Session (1921)	40
In the Summer School in Agriculture (1921)	40†
In the Winter Courses in Agriculture (1921)	25†

A student who fails to pay his indebtedness to the University within twenty days after the last registration day of the term (or within five days after the beginning of the Summer Session or the Winter Courses) is thereby dropped from the University.

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*Beginning with the academic year 1921-1922, the tuition fee in *the College of Arts and Sciences*, *the College of Architecture*, and *the College of Engineering* is, by action of the Board of Trustees of April 30, 1921, increased from $200 to $250 a year. The fee is payable $135 at the beginning of the first term and $115 at the beginning of the second term.

In *the Medical College* the tuition fee is increased from $250 to $300 a year. In the college at Ithaca it is payable $160 at the beginning of the first term and $140 at the beginning of the second term; in the college at New York it is payable in full at the beginning of the year.

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

Beginning in the academic year 1922-1923, the tuition fee in *the College of Law* will be $250 a year.

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

The tuition fee of $200 is payable in installments of $110 at the beginning of the first term and $90 at the beginning of the second term. The installment for any term becomes a liability at once when the student registers. The tuition fee of $250 in the Medical College in New York City is payable in full at the beginning of the academic year.

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 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.* (But see *Admission of Women to Undergraduate Courses*, p. 49).

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. 198.)

For students in the Winter Courses in Agriculture, the Infirmaryfee is $3.

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.

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.

Any 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 Sibley School but taking work in the Sibley 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 amount as would have been necessary if he had taken all such work while registered in the engineering college.)

Every student registered in *Architecture* must pay, at the beginning of each term, a laboratory fee of $5. Students not registered in Architecture are required to pay $5 a term for any work that they take in design or in drawing from life, and $2.50 a term for any other course in drawing or modeling.

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].

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 thoughout 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 reference to their direct 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 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 Physiology; Vertebrate Zoology, including Anatomy and Histology, and Embryology; or Invertebrate Zoology and Entomology.
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 seventeen 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 Physiology; Vertebrate Zoology, including Anatomy, and Histology and Embryology; or Invertebrate Zoology and Entomology.
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.

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, 1920-1921

†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.

Adams, Grace Kinckley, A.B. (Randolph-Macon) 1920 — Lynchburg, Va.
Psychology, Physiology, Education. (Titchener, Simpson, Ogden) — Ph.D.

Adelman, Howard Bernhardt, A.B. (Cornell) 1920 — Buffalo
Histology and Embryology, Anatomy. (Kingsbury, Kerr) — A.M.

Aiken, Hugh Kerr, jr., B.S. (Davidson) 1918 — Laurens, S. C.
Industrial Chemistry, Analytical Chemistry (Optical Methods) Physical Chemistry. (Rhodes, Chamot, Briggs) — Ph.D.

Alcus, Felix Leiser, M.E. (Cornell) 1920 — New Orleans, Miss.
Industrial Engineering, Economics. (Kimball, Slichter) — M.M.E.

Alford, Anne Nash, B.L., B.A. (Columbia Coll., S.C.) 1888, 1917 — Latta, S. C.
Literary Criticism, English Literature. (Cooper, Broughton) — A.M.

Allen, Helen Jeanette, A.B. (Vassar) 1913 — Cincinnati, Ohio
Physiological Chemistry, Anatomy, Physiology. (Benedict, Stockard, Lusk) — Ph.D.

Andrews, George Gordon, A.B. (Union) 1912, A.M.(Nebraska) 1917 — College View, Neb.
Modern European History, American History, English History. (Becker, Bretz, Notestein) — Ph.D.

Atwater, Frances Almira, A.B. (Vassar) 1916 — Canandaigua
Mathematics, Physical Chemistry. (Snyder, Briggs) — A.M.

Atwood, Leland Leavitt, A.B. (Clark) 1916 — Plymouth, N. H.
French, Spanish. (Mason, Keniston) — A.M.

Axt, Ridgely Wilson, B.S. (Maryland) 1920 — Baltimore, Md.
Farm Crops, Plant Physiology. (Thompson, Knudson) — M.S.

†Ayres, Anna M., B.L. (Minnesota) 1883 — Ithaca
Adviser, G. L. Burr.

Babbitt, Ross M., B.S. (Huron) 1920 — Huron, S. D.
Physical Chemistry, Organic Chemistry, Geology. (Briggs, Orndorff, Ries) — Ph.D.

Bain, Francis Oliver, B.S.F. (Edinburgh) 1919 — Kilmarnock, Scotland
Morphology of Insects, Economic Entomology. (Johannsen, Matheson) — M.S.

Baird, Alfred Briggs, B.S.A. (Ontario Agr.) 1916 — Fredericton, N. B., Canada
Histological Entomology, Systematic Entomology. (Johannsen, Bradley) — M.S.

Baker, Andrew Alvord, B.S. (Cornell) 1920 — Freeville
Forest Utilization, Farm Management. (Recknagel, Myers) — M.S.

Baldwin, Warner Frank, B.S. (Cornell) 1920 — Potsdam
Dairy Industry, Agricultural Chemistry. (Troy, Cross) — M.S.

Barney, Archie Fay, B.S.Agr. (Utah Agr.) 1920 — Logan, Utah
Plant Breeding, Plant Physiology, Soil Technology. (Love, Knudson, Bizzell) — Ph.D.

Barr, George W., B.S.Agr. (Colorado Agr.) 1919 — Brush, Colo.
Rural Education, Agricultural Economics. (Works, Boyle) — M.S.

Barrett, Willard R., B.Chem. (Cornell) 1920 — Buffalo
Organic Chemistry, Physical Chemistry, Industrial Chemistry. (Orndorff, Briggs, Rhodes) — Ph.D.

Bassett, Samuel Hopkins, B.A. (Cornell) 1920 — Coleman's Station
Anatomy, Physiology. (Kerr, Simpson) — A.M.

Bayne, Thomas L., jr., B.S.Agr. (N. Carolina State) 1914 — New York City
Rural Education, Rural Organization. (Works, Sanderson) — M.S.

Beals, Harlo Peabody, B.S. (Cornell) 1919 — Mayland
Animal Husbandry, Farm Management. (Savage, Myers) — M.S.

Becker, Joseph Adam, A.B. (Cornell) 1918 — Elmont
Experimental Physics, Theoretical Physics, Mathematics. (Richtmyer, Kennard, Hurwitz) — Ph.D.

Bell, Olin G., A.B. (Oklahoma) 1921 — Elk City, Okla.
Economic Geology, Stratigraphic Geology. (Ries, Harris) — M.S.

Bell, Raymond William, B.S. (Cornell) 1920 — Brasher Falls
Dairy Industry, Organic Chemistry. (Troy, Orndorff) — M.S.Agr.

Benjamin, Foster Hendrickson, B.S. (Cornell) 1920 — Ithaca
Systematic Entomology, Physical Geography. (Needham, von Engeln) — A.M.

†Bennett, John Benjamin, B.S. (Cornell) 1921 — Pratt, Kansas
Adviser: E. S. Savage.

†Bentley, Elwyn Brockway, A.B. (Cornell) 1891 — Ithaca
Adviser: J. R. Creighton.

Berkowitz, Hyman Chonon, A.B. (Cornell) 1917 — Brooklyn
Spanish Literature, French Literature, Romance Philology. (Keniston, Mason, Hamilton) — Ph.D.

Bigelow, Karl Worth, A.B. (Clark) 1920 — Worcester, Mass.
Economic Theory, Statistics. (Davenport, Willcox) — A.M.

Bittner, Stanley Franklin, B.S. in Agr. (Bethany) 1916 — Slatington, Pa.
Animal Husbandry, Farm Management. (Savage, Warren) — M.S. in Agr.

Blake, Marion Elizabeth, B.A. (Mount Holyoke) 1913, A.M. (Cornell) 1918 — New Haven, Conn.
Latin, Greek, Greek Archaeology. (Durham, Bristol, Andrews) — Ph.D.

Blanchard, John David, A.B. (Cornell) 1920 — Groton
Economic Theory, Finance. (Davenport, Rogers) — A.M.

Blau, Nathan Frank, D.V.M. (Cornell) 1919 — Ithaca
Chemistry, Physiology, Bacteriology. (Benedict, Lusk, Elser) — Ph.D.

Boardman, Leland Jaynes, A.B. (Oberlin) 1920 — Ithaca
Experimental Physics, Theoretical Physics. (Merritt, Kennard) — A.M.

Bottomley, Murl E., B.S. (Michigan Agr.) 1916 — Independence, Ohio
Landscape Design, Planting Materials and Their Use. (Davis, R. W. Curtis) — M.L.D.

††**Boudin, Eleanor, A.B.** (Cornell) 1921 — Brooklyn
Economics, Philosophy. (Slichter, Creighton) — A.M.

Bowen, Ward Culver, A.B., A.M. (Oberlin) 1915, 1916 — Ithaca
Economic Geology, Mineralogy, Structural Geology. (Ries, Gill, Harris) — Ph.D.

Boyd, Oran Cecil, B.S.Agr. (Oklahoma A. and M.) 1916 — Hooker, Okla.
Plant Pathology, Plant Physiology, Plant Chemistry. (Blodgett, Curtis, Briggs) — Ph.D.

Braddock, Catherine Christina, B.A., M.A. (New Zealand Univ.) 1917 — Cambridge, Eng.
Psychology, Physiology, Education. (Titchener, Simpson, Ogden) — Ph.D.

Bradley, Robert Claud, A.B., B.S. (Central Mo. Teacher's College) 1920 — Huntsville, Mo.
Pomology, Poultry Husbandry. (Heinicke, Rice) — M.S.

Brady, John Franklin, jr., M.E. (Cornell) 1920 — Kansas City, Mo.
Experimental Engineering, Internal Combustion Engines. (Upton, Diederichs) — M.M.E.

Branch, Hazel Elisabeth, A.B., A.M. (Kansas) 1908, 1912 — Wichita, Kansas
Insect Morphology, Ecology of Insects, Zoology. (Johannsen, Needham, Reed) — Ph.D.

Brandes, George Henry, B.Chem. (Cornell) 1918 — Oswego
Physical Chemistry, Analytical Chemistry, Economic Geology. (Briggs, Dennis, Ries) — Ph.D.

†**Brill, G. Meredith, B.S.** (Chicago) 1920 — Chicago, Ill.
Adviser: E. W. Benjamin.

Brittain, William Harold, B.S.A. (McGill) 1911 — Truro, N. S., Canada
Economic Entomology, Systematic Entomology, Biology.
(Matheson, Johannsen, Needham) — Ph.D.

†**Brooks, Katherine, B.A.** (Vassar) 1920 — New Brittain, Conn.
Adviser: A. T. Kerr.

Brown, Randolph Melton, B.S. (Cornell) 1920 — Stapleton
Forest Management, Accounting. (Recknagel, English) — M.F.

†**Brown, Thelma J., A. B.** (Randolph-Macon) 1917 — Williamsburg, Va.
Adviser: C. V. P. Young.

Brunson, Arthur Maxwell, B.S.Agr., M.S. (Illinois) 1913, 1919 — Urbana, Ill.
Plant Breeding, Plant Physiology, Farm Crops. (Emerson, Knudson, Wiggans) — Ph.D.

Bull, Arthur Walker, B.Chem. (Cornell) 1919 — Ithaca
Physical Chemistry, Microscopy, Microchemical Analysis, Industrial Engineering.
(Briggs, Chamot, Kimball) — Ph.D.

Burlage, Stanley Ross, B.S., A.M. (Cornell) 1917, 1919 — Fredonia
Physiology, Histology, Biochemistry. (Simpson, Kingsbury, Sumner) — Ph.D.

Burroughs, Ambrose Matson, B.S. (Cornell) 1920 — Albion
Pomology, Economic Entomology. (Hedrick, Chandler, Matheson) — M.S.

Bush, Ralph Raymond, M.E. (Cornell) 1920 — Kingston, Pa.
Experimental Engineering, Mathematics. (Upton, Gillespie) — M.M.E.

Buys, John Levenus, B.S., M.S. (Cornell) 1919, 1921 — Sodus Point
Systematic Entomology, Economic Entomology, General Zoology.
(Johannsen, Matheson, Reed) — Ph.D.

Caplan, Harry, A.B. (Cornell) 1916 — Albany
Latin, Greek, Archaeology. (Bennett, Bristol, Andrews) — 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, Montgomery, Wiggans) — Ph.D.

Carpenter, Charles Milton, D.V.M. (Cornell) 1917 — Unadilla
Veterinary Bacteriology, Physiology, Obstetrics. (Moore, Simpson, Williams) — Ph.D.

Carver, Kenneth, B.Arch. (Cornell) 1920 — Brooklyn
Architectural Design, Historical Research in Architecture. (Bosworth, Phelps) — M. Arch.

†**Cary, Edward Beverly, B.M.E.** (Cornell) 1920 — Roanoke, Va.
Advisers: D. S. Kimball, C. E. Townsend.

Champlin, Archie Earle, Ph.B. (Alfred) 1908 — Alfred
Farm Management, Rural Education. (Myers, Works) — M. S. in Agr.

†**Chang, Che Hsi, B.C.E.** (Peking Government Univ.) 1919, M.C.E. (Cornell) 1921. — Kiang-Si, China
Adviser: F. A. Barnes.

Chanutin, Alfred, Ph.B. (Yale) 1917 — New Haven, Conn.
Physiology, Physiological Chemistry, Pharmacology. (Lusk, Benedict, Hatcher) — Ph.D.

Chardon, Carlos Eugenio, B.S. (Cornell) 1919 — Ponce, P. R.
Mycology, Botany. (Fitzpatrick, Schramm) — M.S.

†**Cheeves, Tom Alexander, B.S.** (Texas A. and M.) 1920 — Marlin, Texas
Adviser: J. E. Creighton.

Chen, Chia Lin, B.A. (Tientsin Naval) 1894 — Peking, China
English, Oriental History. (Northup, Schmidt) — A.M.

Chen, Kwan Shun, B.S. (Nanking) 1919 — Shanghai, China
Industrial Chemistry, Industrial Organization. (Rhodes, Kimball) — M.S.

Chen, Tsu Yi, B.S. in C.E. (Pei-Yang Univ.) 1919 — Hang Chow, China
Bridge Engineering, Railroad Engineering. (Urquhart, Jacoby, Barnes) — M.C.E.

Cherdantzeff, Peter, M. E. (Cornell) 1921 — Petropavlovsk, Western Siberia, Russia
Experimental Engineering, Steam Power Plants. (Diederichs, Barnard) — M.M.E.

†Chia, Yu, B.S. (Pei-Yang Univ.) 1919, M.A. (Columbia) 1921 — Peking, China
Adviser: H. Diedericha.

Chu, Yieh-ting, B.S.C.E. (Pei-Yang) 1919 — Shanghai, China
Bridge Engineering, Railroad Engineering. (Urquhart, Jacoby, Barnes) — M.C.E.

†Clark, Roger S., A.B. (Cornell) 1921 — Kingston, Pa.
Adviser: G. W. Herrick.

Clum, Harold Haydon, A.B. (Oberlin) 1917 — Cleveland Heights, Ohio
Plant Physiology, Plant Pathology, Physical Chemistry. (Curtis, Massey, Briggs) — Ph.D.

Collins, Jacob Roland, B.S. (Ohio) 1912, M.S. (Purdue) 1914 — Ithaca
Experimental Physics, Alternating Currents, Mathematics. (Gibbs, Bedell, Hurwitz) — Ph.D.

††Colsten, Alden, B.S. (Cornell) 1921 — Binghamton
Rural Engineering, Agricultural Chemistry. (Fairbanks, Cavanaugh) — M.S.

Colucci, Frank, A.B. (Rochester) 1916 — Holley
French, Spanish. (Mason, Keniston) — A.M.

Connor, Helen Margaret, A.B. (Ind. State Normal) 1911, A.M. (Indiana) 1912 — Terre Haute, Ind.
Latin, Elizabethan Literature, Old English. (Elmer, Adams, Monroe) — Ph.D.

Cooper, Herbert Press, B.S. (Clemson), M.S. (Wisconsin) 1915 — State College, Pa.
Plant Breeding, Soil Technology, Farm Crops. (Love, Bizzell, Montgomery, Wiggans) — Ph.D.

Corey, Robert Brainard,B. Chem. (Pittsburgh) 1919 — Barberton, Ohio
Inorganic Chemistry, Chemical Microscopy, Physical Chemistry.
(Dennis, Briggs, Chamot) — Ph.D.

Cornwell, Ralph Thomas Kline, B.Chem. (Cornell) 1918 — Northumberland, Pa.
Organic Chemistry, Industrial Organization, Chemical Microscopy.
(Orndorff, Kimball, Chamot) — Ph.D.

††Corwin, Grace H., A.B. (Cornell) 1921 — Riverhead
Psychology, Education. (Weld, Ogden) — A.M.

Cottrell, Casper L., A.B. (George Washington) 1920 — Reading, Pa.
Experimental Physics, Theoretical Physics, Mathematics.
(Richtmyer, Merritt, Hurwitz) — Ph.D.

Crawford, Lucy Shepard, A.B. (Cornell) 1913 — Brooklyn
Philosophy, History, Education. (Creighton, Hammond, Burr, Ogden) — Ph.D.

Crouse, Nellis Maynard, B.A. (Yale) 1906 — Utica
American History, Modern European History, (Bretz, Becker) — A.M.

††Culley, Paul G., A.B. (Cornell) 1921 — Ithaca
Physiology, English. (Simpson, Broughton) — A.M.

Curphey, James Dodds, B.Chem. (Cornell) 1920 — Dayton, Ohio
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
(Orndorff, Briggs, Rhodes) — Ph.D.

Curran, Harold Raymond, B.S. (Cornell) 1921 — Buffalo
Bacteriology, Limnology. (Stocking, Needham) — M.S.

†Curtis, Ralph Raymond, A.B. (Princeton) 1914 — Brooklyn
Adviser: G. W. Cavanaugh.

Curtiss, Leon Francis, A.B. (Cornell) 1917 — Ithaca
Experimental Physics, Theoretical Physics, Alternating Currents.
(Richtmyer, Kennard, Bedell) — Ph.D.

Dagnall, Clarence Herschel, B.S. (Mass. Inst. of Technology) 1918
B.S. in Eng. (Harvard) 1918 — Fall River, Mass.
Electrical Engineering, Mathematics. (Karapetoff, Sharpe) — M.S.

Dain, Bryant D., B.S. (Cornell) 1920 — Peekskill
Silviculture, Plant Physiology. (Spring, Curtis) — M.F.

Dangerfield, Albert N., A.B. (Cornell) 1917 — Riverside, Cal.
Economic Geology, Mineralogy. (Ries, Gill) — A.M.

†da Rosa, Antonio Rocha, B.S. (Pelotas Agr.) 1919 — Pelotas, Brazil
Adviser: .W. A. Stocking.

Daw, Lafayette Francis, A.B. (Bowdoin) 1917 — South Paris, Me.
French, Spanish. (Mason, Keniston) — A.M.

Dearth, Otto Art, B.S. in Ed. (Ohio) 1920 — Summerfield, Ohio
Histology and Embryology, Anatomy. (Kingsbury, Kerr) — M.S.

Demerec, Milislav, Eng. in Agr. (Royal High Agr.) 1915 — Krizevci, Jugo-Slavia
Plant Breeding, Plant Physiology, Plant Pathology.
(Emerson, O. F. Curtis, Whetzel) — Ph.D.

Dickson, Frank, B.A. (Queen's) 1920 — Brantford, Ont., Canada
Plant Pathology, Plant Physiology, Cytology. (Whetzel, Knudson, Sharp) — Ph.D.

Dietz, Sherlock M., B.S.A., M.S. (Iowa State A. and M.) 1917, 1918 — Ithaca
Plant Breeding, Plant Pathology, Farm Crops. (Love, Massey, Wiggans) — Ph.D.

†Dietze, Charlotte Amy, B.A. (Sophie Newcomb) 1919 — New Orleans, La.
Adviser: R. D. Montillon.

Dikeman, Raymond C., B.S. (Cornell) 1921 — Forestville
Pomology, Farm Crops, Plant Physiology. (Heinicke, Hardenburg, Curtis) — Ph.D.

††Dishrow, Jayne, A.B. (Cornell) 1921 — Norwalk, Conn.
Spanish, French. (Keniston, Guerlac) — A.M.

Dorsey, Ernest, B.S. (Minnesota) 1916 — Dresden, Ohio
Plant Breeding, General Botany, Physical Chemistry. (Love, Sharp, Briggs) — Ph.D.

Downs, Paul Andrew, B.S. (Connecticut Agr.) 1918 — Waterbury, Conn.
Dairy Industry, Agricultural Chemistry, Biochemistry. (Stocking, Cross, Sumner) — Ph.D.

Du Mond, Frank Lee, B.S. (Cornell) 1920 — Kingston
Forest Administration, Forest Protection. (Recknagel, Hosmer) — M.F.

Emerson, Alfred E., B.S. (Cornell) 1918 — Ithaca
Biology, Systematic Entomology, Insect Morphology.
(Needham, Bradley, Johannsen) — Ph.D.

Engle, Eldon B., A.B. (Nebraska) 1920 — Merrill, Kansas
Soil Technology, Farm Crops, Physical Chemistry. (Bizzell, Wiggans, Briggs) — Ph.D.

Esquivel, Prudencio, B.S.C.E. (Univ. of Philippines) 1919 — Jaen, Nueva Ecija, P. I.
Experimental Hydraulics, Concrete Construction, Hydraulic Engineering. (Schoder, Urquhart, Seery) — Ph.D.

Eyster, Lewis A., A.B. (Bucknell) 1917 — Fisher's Ferry, Pa.
Plant Breeding, Farm Crops, Plant Physiology. (Emerson, Wiggans, Curtis) — Ph.D.

†Fagundes, Nestor B., B.S. (College of Agric. Brazil) 1919 — Pelotas, Brazil
Adviser: L. M. Massey.

Feldman, Samuel, A.B. (Cornell) 1920 — Brooklyn
Psychology, Education, Semitics. (Titchener, Ogden, Schmidt) — Ph.D.

Fenner, Lawrence Myron, B.Sc.Agr. (Ohio State) 1920 — Tippecanoe City, Ohio
Plant Pathology, Physical Chemistry, Entomology. (Blodgett, Briggs, Herrick) — Ph.D.

Fernald, Evelyn Ida, A.B. (Vassar) 1912, **A.M.** (Cornell) 1920 — W. Groton, Mass.
Plant Physiology, General Botany, Physical Chemistry. (O. F. Curtis, Eames, Briggs) — Ph.D.

Fernow, Karl Hermann, B.S. (Cornell) 1916 — Waterport
Plant Pathology, Botany, Physical Chemistry. (Blodgett, Eames, Briggs) — Ph.D.

Ferrand, Elsie Margaret, A.B. (Cornell) 1920 — Gardenville
French Literature, French Philology. (Guerlac, Mason, Pumpelly) — A.M.

Finch, Myron Whitmarsh, B.S. (Rhode Island) 1914, **M.S.** (Brown) 1920 — Geneva
Dairy Industry, Bacteriology, Plant Physiology. (Stocking, Hagan, Knudson) — Ph.D.

Firket, Guillaume, B.C.E. (Liege) 1920 — Liege, Belgium
Electrical Engineering, Hydraulic Engineering. (Gray, Schoder) — M.S.

Fisher, Mary Jones, A.B., A.M. (Cornell) 1906, 1916 — Greensboro, Md.
Plant Anatomy, Animal Morphology, Biology. (Eames, Reed, Needham) — Ph. D.

Fisher, Roy M., A.B. (Clark) 1915 — New Salem, Mass.
Experimental Physics, Theoretical Physics, Mathematics (Merritt, Kennard, Hurwitz) — Ph.D.

Fiske, Frederick Ebell, A.B. (Cornell) 1914 — Ithaca
Elizabethan Literature, Philosophy, Nineteenth Century Poetry. (Adams, Creighton, Sampson) — Ph.D.

Fitch, Harold W., B.S. (New Hampshire) 1921 — Delmar
Plant Pathology, Plant Physiology, Entomology. (Massey, Knudson, Crosby, Needham) — Ph.D.

Fraleigh, Percy Austen, A.B. (Cornell) 1917 — Poughkeepsie
Mathematical Analysis, Applied Electricity, Physics. (Hurwitz, Sharpe, Kennard) — Ph.D.

Franco, Felix, B.S.F. (Montana) March 1921 — Mexico, Pampanga, P. I.
Forest Management, Silviculture. (Recknagel, Spring) — M.F.

Fraser, George, B.S. in Arch. (Minnesota) 1919 — St. Paul, Minn.
Architectural Design, Drawing and Painting. (Bosworth, Phelps, Brauner, Stone) — M.Arch.

French, Walter Hoyt, A.B. (Cornell) 1920 — Oak Park, Ill.
Modern English Literature, Middle English Literature. (Northup, Strunk) — A.M.

Friedman, Herbert, B.S. (College of City of New York) 1920 — Brooklyn
Ornithology, Systematic Vertebrate Zoology, Entomology. (Allen, Wright, Needham) — Ph.D.

Fronda, Francisco M., B.Agr. (Univ. of Philippines) 1919, **M.S.** (Cornell) 1920 — Aliaga, Nueva Ecija, P. I.
Poultry Husbandry, Animal Husbandry, Comparative Pathology and Bacteriology. (Heuser, Maynard, Moore) — Ph.D.

Fuller, James Weast, D.V.M. (Cornell) 1921 — Ithaca
Bacteriology, Small Animal Diseases. (Hagan, Milks) — M.S.

Gabriel, Harry S., B.S., M.S. (Cornell) 1915, 1920 — Watkins
Agricultural Economics, Rural Education, Economics. (Warren, Works, Davenport) — Ph.D.

Gamble, Dean Le Fever, B.S. (Cornell) 1916 — Ithaca
Comparative Anatomy, Ornithology, Histology. (Reed, Allen, Kingsbury) — Ph.D.

Gaskill, Gussie Esther, A.B., A.M. (Kansas) 1918, 1919 — Lawrence, Kansas
European History, English History, Political Science. (Becker, Notestein, Davenport) — Ph.D.

Georgia, Frederick Raymond, B.Chem. (Cornell) 1915 — Ithaca
Sanitary Chemistry, Agricultural Chemistry, Bacteriology. (Chamot, Cavanaugh, Moore) — Ph.D.

Gillette, Paul, A.B. (Cornell) 1921 — Ithaca
English, Literature, English Language. (Cooper, Monroe) — A.M.

Gillis, Merl Conrad, B.S. in Agr. (Purdue) 1917 — South Bend, Ind.
Plant Breeding, Plant Physiology, Farm Crops. (Bussell, O. F. Curtis, Hardenburg) — Ph.D.

Gilman, Herbert, D.V.M., M.S. (Cornell) 1917, 1920 — Ithaca
Veterinary Bacteriology, Veterinary Obstetrics, Vertebrate Embryology. (Hagan, Moore, Williams, Kingsbury) — Ph.D.

Gottschalk, Louis, A.B., A.M. (Cornell) 1919, 1920 — Brooklyn
Modern European History, Mediaeval History, Ancient History. (Becker, Burr, Westermann) — Ph.D.

Graham, Vi Arvin, A.B., A.M. (Cornell) 1917, 1918 — Richmond, Va.
Biochemistry, Organic Chemistry. (Sumner, Orndorff) — M.S.

Gratz, Levi O., A.B. (Bluffton) 1915 — Bluffton, Ohio
Plant Pathology, Plant Physiology, Physical Chemistry. (Dye, Curtis, Briggs) — Ph.D.

†Green, Robert Sylvester, B.S. (Cornell) 1920 — Brooklyn
Advisers: A. B. Recknagel, R. S. Hosmer.

†Griffin, Clement Leroux, B.Chem. (Cornell) 1920 — Stamford, Conn.
Adviser: A. W. Browne.

Griffiths, Joseph Harry, B.A. (Lawrence) 1918 — Racine, Wis.
Logic and Metaphysics, Ethics, Psychology. (Creighton, Hammond, Thilly, Weld) — Ph.D.

Grimm, Jay John, B.S. (Grinnell) 1910 — Gainsville, Fla.
Plant Physiology, Morphology and Cytology, Physical Chemistry.
(Curtis, Knudson, Sharp, Briggs) — Ph.D.

Griswold, Grace H., B.S. (Cornell) 1918 — Ithaca
Economic Entomology, Landscape Art, Insect Morphology.
(Herrick, Curtis, Johannsen) — Ph.D.

†Gurchot, Abel Charles, B.S. (College of the City of N. Y.) 1921 — New York City
Adviser: L. M. Dennis.

Hahn, Elizabeth Steer, A.B. (Cornell) 1912 — Ithaca

Hale, Charles Brockway, A.B. (Cornell) 1920 — Greensboro, N. C.
Modern English Literature, American Literature. (Northup, Prescott) — A.M.

†Haley, Simon Alexander, B.S.Agr. (N. Carolina Negro Agr. and Technical) 1918 — Savannah, Tenn.
Adviser: E. W. Benjamin.

Hannah, Robert, B.A. (Western Univ., London, Canada) 1919 — London, Ont., Canada
Public Speaking, Literary Criticism. (Drummond, Cooper) — A.M.

Harris, Marjorie Silliman, B.A. (Mt. Holyoke) 1913 — Wethersfield, Conn.
Logic and Metaphysics, Ethics, Education.
(Creighton, Albee, Hammond, Thilly, Ogden) — Ph.D.

Harrison, Thomas P. jr., A.B. (North Carolina) 1918 — West Raleigh, N. C.
English Literature, English Language. (Adams, Monroe) — A.M.

Hart, Van Breed, B.S. (Cornell) 1916 — McLean
Farm Management, Economics, Animal Husbandry. (Warren, Davenport, Savage) — Ph.D.

Harwood, Robert Daniel, B.A. (Pomona) 1920 — Claremont, Cal.
Economic Entomology, Plant Physiology, (Herrick, Knudson) — M.S.

Hausman, Ethel H., B.S. (Cornell) 1921 — Ithaca
Entomology, Educational Psychology. (Needham, Kruse) — A.M.

Haynes, French Leo, A.B. (Meredith) 1919 — Clyde, N. C.
English, Philosophy. (Adams, Creighton) — A.M.

Heffner, Roy Edward, A.B., B.S.E.E. (Oklahoma) 1918, 1919 — Clinton, Okla.
Electrical Engineering, Mathematics. (Karapetoff, Sharpe) — M.S.

Hemmer, Andrew J., B.Chem. (Cornell) 1920 — Syracuse
Organic Chemistry, Physical Chemistry, Industrial Chemistry.
(Orndorff, Briggs, Rhodes) — Ph.D.

Hickok, Ralph K., B.A. (Wooster, Ohio) 1899, B.S., M.A. (Princeton) 1913, 1919 — Aurora
Semitic Literature, Ancient and Oriental History, Philosophy.
(Schmidt, Westermann, Creighton) — Ph.D.

Hieber, Evelyn Margaret Caroline, A.B. (Cornell) 1918 — Utica
Physical Chemistry, Foods Chemistry. (Briggs, Chamot) — A.M.

Hilgert, Joseph Robert, B.S. (Kirksville) 1916, A.M. (Iowa) 1920 — St. Louis, Mo.
Finance, Economics, Political Science. (English, Rogers, Davenport, Saby) — Ph.D.

Hine, Willard Rudolph Bernard, B.S. (Cornell) 1920 — Gloversville
Forest Products and Utilization, Accounting. (Recknagel, English) — M.F.

Hitchcock, Marjorie D., B.A. (Pomona) 1918 — Van Nuys, Cal.
Literary Criticism, Old English. (Cooper, Monroe) — A.M.

Hitchcock, Raymond Owen, A.B. (Cornell) 1920 — Lyons
Histology and Embryology, Anatomy. (Kingsbury, Kerr) — A.M.

Hodson, Floyd, A.B. (Indiana) 1920 — New Castle, Ind.
Economic Geology, Stratigraphy. (Ries, Harris) — A.M.

Hoefer, Fred S., B. S. (Clemson) 1918 — Columbia, S. C.
Electrical Engineering, Industrial Engineering. (Gray, Kimball) — M.S.

Hoel, Archie Bernhard, B.A. (Montana) 1916 — Spring Valley, Wis.
Physical Chemistry, Quantitative Chemistry, Geology. Briggs, Dennis, Ries) — Ph.D.

Holmes, Ralph Maynard, A.B. (Maine) 1911, M.A. (Wesleyan) 1913 — Ellsworth, Me.
Experimental Physics, Theoretical Physics, Applied Electricity.
(Merritt, Kennard, Bedell) — Ph.D.

Holt, Evelyn, A.B. (Wellesley) 1919 — Summit, N. J.
Anatomy, Histology and Embryology. (Kerr, Kingsbury) — A.M.

Honey, Edwin Earl, B.S. (Cornell) 1916 — Ithaca
Plant Pathology, General Botany, Organic Chemistry. (Whetzel, Eames, Orndorff) — Ph.D.

Horn, Paul V., B.S. (Maryland) 1919 — Baltimore, Md.
Rural Economy, Farm Management. (Boyle, Misner) — M.S.

Hotchkiss, Herbert Vinton, B.S.C.E. (Pennsylvania) 1914 — Ithaca
Early Nineteenth Century Poetry, Elizabethan Drama, Philosophy.
(Sampson, Adams, Creighton) — Ph.D.

††Howlett, Freeman Smith, B.S. (Cornell) 1921 — Knowlesville
Pomology, Plant Physiology, Farm Management. (Heinicke, Curtis, Warren) — Ph.D.

††Hoyt, Mary Katherine, A.B. (Cornell) 1921 — Cohocton
English Literature, Political Science. (Northup, Davenport) — A.M.

Hsia, Tao-Shu, B.C.E. (Peking Govt. Univ.) 1920 — Hochow, Anhwei China
Railroad Engineering, Bridge Engineering. (Barnes, Jacoby) — M.C.E.

Hsiao, Chu, A.B. (Missouri) 1920 — Shanghai, China
Finance, Statistics. (Rogers, Willcox) — A.M.

Hsu, Shih-ta, B.S. in C.E. (Pei-Yang Univ.) 1917, M.C.E. (Cornell) 1920 — Shiwu, Shaohing, China
Adviser: E. J. Seery.

Hu, Ching-Yee, B.A. (National Univ. Peking) 1920 — Peking, China
Political Science, Money and Banking. (Orth, Rogers) — A.M.

Huang, Pao Chao, B.S.C.E. (Govt. Inst. of Technology) 1919 — Kwantung, China
Railroad Engineering, Sanitary Engineering. (Barnes, Ogden) — M.C.E.

Hucker, George James, B.S. (Lenox) 1915 — **Geneva**
Dairy Industry, Bacteriology, Plant Physiology. (Stocking, Hagan, Knudson) — **Ph.D.**

Huckett, Hugh Cecil, B.S.A. (Ontario Agr.) 1919 — **Meadfoot, Cuckfield, England**
Systematic Entomology, Zoology, Economic Entomology.
(Johannsen, Reed, Herrick) — **Ph.D.**

Hudson, Hoyt Hopewell, A.B. (Huron) 1911, A.M. (Denver) 1913 — **Cleveland, Ohio**
Elizabethan Literature, Old English, Philosophy. (Adams, Monroe, Creighton) — **Ph.D.**

Hulme, Harold A.B. (Western Reserve) 1920 — **Cleveland, Ohio**
English History, Medieval European History, Modern European History.
(Notestein, Burr, Becker) — **Ph.D.**

Humphrey, Rufus R., A.B. (Michigan State Normal) 1917, A.M. (Cornell) 1920 — **Woodhaven**
Embryology and Histology, Zoology, Human Anatomy.
(Kingsbury, Reed, Kerr) — **Ph.D.**

Hyatt, James Mead, A.B. (Cornell) 1918 — **Owego**
Experimental Physics, Theoretical Physics, Alternating Currents.
(Gibbs, Kennard, Bedell) — **Ph.D.**

Hyde, Karl Clayton, A.B. (Indiana) 1915 — **Ithaca**
Botany, Zoology. (Rowlee, Reed) — **A.M.**

†Ishkanian, Mardiros H., B.S. (Cornell) 1921 — **Philadelphia, Pa.**
Adviser: T. J. McInerney.

Jenks, Leon E., B.S., M.S. (Hamilton) 1905, 1908 — **Ithaca**
Inorganic Chemistry, Analytical Chemistry, Organic Chemistry.
(Browne, Dennis, Orndorff) — **Ph.D.**

Johnson, Charles H., A.B. (Wabash) 1919 — **Seattle, Wash.**
Organic Chemistry, Physical Chemistry, Bacteriology. (Orndorff, Briggs, Hagan) — **Ph.D.**

Jolliffe, Charles Byron, B.S., M.S. (West Virginia) 1915, 1920 — **Ithaca**
Experimental Physics, Theoretical Physics, Applied Electricity.
(Merritt, Kennard, Bedell) — **Ph.D.**

††Jones, Merton W., A.B. (Cornell) 1921 — **Ithaca**
Experimental Physics, Physical Chemistry, Optics. (Richtmyer, Bancroft, Howe) — **Ph.D.**

Jones, Walter Paul, A.B. (Wabash) 1913 — **Ithaca**
English Fiction, Philosophy, English Literature.
(Sampson, Northup, Creighton, Prescott) — **Ph.D.**

Kahler, Herbert, B.S. (Washington) 1918 — **Tacoma, Wash.**
Experimental Physics, Theoretical Physics, Mathematics.
(Merritt, Kennard, Sharpe) — **Ph.D.**

Kawamata, Takashi, B.S. (Waseda) 1917 — **New York City**
Electrical Engineering, Mechanical Engineering. (Gray, Barnes) — **M.M.E.**

†Keefe, Robert E., B.M.E. (Cornell) 1917 — **Kingston**
Adviser: D. S. Kimball.

King, Tang, B.S.C.E. (Govt. Inst. Tech.) 1919 — **Shanghai, China**
Bridge Engineering, Railroad Engineering. (Jacoby, Urquhart, Barnes) — **M.C.E.**

Kirby, Robert Stearns, B.S. (New Mexico A. and M.) 1916, M.S. (Iowa) 1917 — **Ithaca**
Plant Pathology, Chemistry, Pomology. (Whetzel, Barrus, Briggs, Chandler) — **Ph.D.**

Kirkpatrick, Ellis L., B.S.A. (Iowa) 1914 — **Ithaca**
Rural Education, Farm Management, Economics and Statistics.
(Sanderson, Warren, Willcox) — **Ph.D.**

Kline, Emil, A.B. (Cornell) 1920 — **Hudson**
Organic Chemistry, Physical Chemistry, Chemical Microscopy.
(Orndorff, Briggs, Chamot) — **Ph.D.**

Knapp, Ronald Glenn, B.S. (Cornell) 1920 — **Ithaca**
Pomology, Rural Economy. (Heinicke, Babcock) — **M.S.**

Knower, Eve Tenney, B.A., M.A. (Wisconsin) 1918 — **Interwald, Wis.**
Philosophy, Ethics, English. (Creighton, Hammond, Thilly, Sampson) — **Ph.D.**

†Kobayashi, Teiji, B. of Eng. (Waseda) 1918 — **Honjyo, Tokyo, Japan**
Adviser: Vladimir Karapetoff.

Kobuski, Agnes Marie, A.B. (Cornell) 1920 — **Gloversville**
English, Education. (Broughton, Ogden) — **A.M.**

Koller, Lewis Richard, A.B. (Cornell) 1917 — **New York City**
Experimental Physics, Alternating Currents, Physical Chemistry.
(Richtmyer, Bedell, Briggs) — **Ph.D.**

Koo, Nee Sun, B.S.C.E. (Govt. Inst. of Tech., China) 1918, M.C.E. (Cornell) 1919
Bridge Engineering, Railroad Engineering, Engineering Mechanics.
(Urquhart, Jacoby, Barnes, Rettger) — **Ph.D.**

†Krause, Rudolph E., B.S. (Tulane) 1920 — **Lake Charles, La.**
Adviser: John Bentley.

Krum, Olin Clifford, B.S. (Cornell) 1917 — **Ithaca**
Poultry Husbandry, Zoology, Plant Breeding. (Rice, Wright, Love) — **Ph.D.**

Kvakan, Pavao, Eng. of Agr. (Royal Higher Agr. College) 1917 — **Krizevci, Jugo-Slavia**
Plant Breeding, Physiology of Plants, Botany. (Emerson, Curtis, Sharp) — **Ph.D.**

††Lane, Frederic C., A.B. (Cornell) 1921 — **Cambridge, Mass.**
Ancient History, English Literature, French. (Westermann, Adams, Guerlac) — **Ph.D.**

††Lape, Frederick Henry, A.B. (Cornell) 1921 — **Esperance**
English Poetry, English Language, English History.
(Sampson, Northup, Notestein) — **Ph.D.**

Lathrop, Frank Waldo, B.A. (Yale) 1911, M.S. in Agr. (Cornell) 1914 — **New London, Conn.**
Rural Education, Farm Management, Rural Economy.
(Butterworth, Works, Warren, Lauman) — **Ph.D.**

Laubscher, Cora Rolfe, B.A. (Randolph-Macon) 1915 — **Petersburg, Va.**
Latin, Greek. (Elmer, Bennett, Jones) — **A.M.**

Lawrence, Agnes Alberta, B.S., M.S. (Cornell) 1919, 1920 — Ithaca
Bacteriology, Rural Education, Food Chemistry. (Stocking, Ferriss, F. E. Rice) — Ph.D.
†Lazo, Charles Arthur, B.S. (Cornell) 1921 — New York City
Adviser: G. W. Cavanaugh.
Leech, Archer Olin, B.S. in M.E. (Oregon State Agr.) 1918 — Eugene, Ore.
Economics of Power Production, Power Plant Design. (Diederichs, Barnard) — M.M.E.
†Lefkowitz, Samuel, B.Chem. (Cornell) 1921 — Brooklyn
Adviser: L. M. Dennis.
Leiby, Rowland Willis, B.S. (Muhlenburg) 1912 — Allentown, Pa.
Insect Morphology, Economic Entomology, Insect Biology.
(Johannsen, Herrick, Claassen) — Ph.D.
Leister, Claude Willard, B.S. (Cornell) 1917 — Ithaca
Ornithology, Systematic Zoology, Entomology. (Allen, Wright, Needham) — Ph.D.
Leonard, Margery, B.A. (Wellesley) 1919 — Oakland, Me.
Plant Pathology, Botany. (Whetzel, Eames) — A.M.
Liddell, Howard Scott, A.B., A.M. (Michigan) 1917, 1918 — Erie, Pa.
Physiology, Histology, Anatomy. (Simpson, Kingsbury, Kerr) — Ph.D.
Liddle, Albert Walker, A.B. (Cornell) 1920 — Argyle
English Literature, Old English, Philosophy. (Cooper, Monroe, Creighton) — Ph.D.
Lindsley, Luther Campbell, B.A. (William and Mary) 1908 — Manassas, Va.
Inorganic Chemistry, Organic Chemistry, Agricultural Chemistry.
(Dennis, Orndorff, Cavanaugh) — Ph.D.
Livant, Julius, A.B. (Cornell) 1920 — New York City
Inorganic Chemistry, Physics, Geology. (Dennis, Murdock, Ries) — Ph.D.
Logan, Joseph D., A.B. (Roanoke) 1919 — Salem, Va.
Pomology, Plant Pathology. (Heinicke, Whetzel) — M.S.
Loh, Kia Chu, B.S.E.E. (Govt. Inst. of Tech., China) 1914 — Chicago, Ill.
Electrical Engineering, Physics. (Karapetoff, Bedell) — M.M.E.
Louder, Earl Albert, B.S. (Huron) 1916 — Huron, S. Dak.
Inorganic Chemistry, Physical Chemistry, Organic Chemistry.
(Browne, Briggs, Orndorff) — Ph.D.
Long, Tudor Seymour, A.B. (Cornell) 1915 — Ithaca
English, Philosophy. (Adams, Creighton) — A.M.
Lowensohn, Leah, A.B. (Cornell) 1921 — New York City
English Literature, Old English. (Adams, Monroe) — A.M.
Lufkin, Harold Marshall, A.B. (Cornell) 1915, B.D. (Philadelphia Divinity School) 1920
Mathematics, Psychology. — Parkesburg, Pa.
(Carver, Weld) — A.M.
Lundie, Arnold Ernest, B.S.Agr. (Univ. of Cape of Good Hope) 1917
Economic Entomology, Zoology. — Indulywa Trauskei, C.P., South Africa
(Herrick, Reed) — M.S. in Agr.
McAllister, Francis Joseph, B.S. (Cornell) 1921 — Ithaca
Adviser: T. J. McInerney.
McConnell, James Asher, B.S. (Cornell) 1921 — Ithaca
Animal Husbandry, Farm Management and Agricultural Economics, Plant Breeding.
(Harper, Misner, Hutchison) — Ph.D.
McGuire, Peter Stephen, A.B. (Cornell) 1904 — Buffalo
American History, Political Science, Economics. (Bretz, Orth, Willcox) — Ph.D.
McHargue, James Spencer, B.S., M.S. (Kentucky) 1906, 1914 — Lexington, Ky.
Soil Technology, Physical Chemistry, Plant Physiology. (Lyon, Briggs, Knudson) — Ph.D.
Mackeown, Samuel Stuart, A.B. (Cornell) 1917 — New York City
Experimental Physics, Theoretical Physics, Physical Chemistry.
(Richtmyer, Merritt, Briggs) — Ph.D.
McMullen, Eleanor Clara, A.B. (Cornell) 1920 — Buffalo
Zoology, Comparative Pathology, and Bacteriology. (Reed, Moore) — A.M.
†MacNeil, Wilbur James, B.S.Agr., M.S.Agr. (Cornell) 1891, 1892 — Honolulu, Hawaii
Adviser: J. E. Creighton.
MacTaggart, Alexander, B.S.A. (Toronto) 1912, M.S.Agr. (Cornell) 1913
Soil Technology, Physical Geography, Farm Crops. — Wellington, New Zealand
(Lyon, von Engeln, Montgomery, Wiggans) — Ph.D.
†Ma, Yu Chi, B.C.E. (Cornell) 1919 — Amoy, China
Adviser: F. J. Seery.
†Maia, Nelson Barcellos, Ag. Eng. (Pelotas) 1916 — Pelotas, Brazil
Adviser: T. J. McInerney.
Malmud, Rose Susan, A.B. (Cornell) 1921 — Brooklyn
Psychology, Education, English Literature. (Titchener, Ogden, Adams) — Ph.D.
†Manchester, Wilbur Oscar, B.C.E. (Cornell) 1920 — Nassau
Adviser: E. N. Burrows.
Markley, Alton L., B.S. (Washington State) 1919 — Bellingham, Wash.
Agricultural Chemistry, Industrial Chemistry. (F. E. Rice, Rhodes) — M.S.
Martin, Alexander Campbell, A.B. (Oberlin) 1920 — Oberlin, Ohio
Plant Physiology, Plant Pathology, Pomology. (Curtis, Massey, MacDaniels) — Ph.D.
††Martin, Alice C., A.B. (Cornell) 1921 — Yonkers
Elizabethan Literature, English Language. (Adams, Monroe) — A.M.
Martin, Mabel Florence, B.A. (Mount Holyoke) 1918 — West Springfield, Mass.
Psychology, Mathematics, Physiology. (Titchener, McMahon, F. W. Owens, Simpson) — Ph.D.
Martin, William Clifford, B.A., M.A. (Western Univ. London) 1916, 1920
Literary Criticism, Medieval History, Greek. — London, Ont., Canada
(Cooper, Burr, Jones) — Ph.D.
Marz, Milton David, A.B. (Michigan) 1919 — Detroit, Mich.
English Drama, Elizabethan Literature. (Sampson, Adams) — A.M.

Mason, Clyde Walter, B.A. (Oregon) 1919 — Eugene, Ore.
Chemical Microscopy, Physical Chemistry, Crystallography and Mineralogy. (Chamot, Bancroft, Gill) — Ph.D.

Matthews, Thomas Ignatius, B.S.E.E. (Colorado) 1919 — Denver, Colo.
Electrical Engineering, Heat-Power Engineering. (Gray, Barnard) — M.S.

Maury, Richmond, B.S. (Virginia) 1919 — Norfolk, Va.
Animal Husbandry, Farm Management. (Harper, Warren) — M.S.

May, Frederick Arthur, A.B. (Cornell) 1920 — Brooklyn
Experimental Physics, Spectroscopy and Luminescence, Physical Chemistry. (Richtmyer, Gibbs, Bancroft) — Ph.D.

Meacham, Edna, A.B. (Bucknell) 1909 — Reading, Pa.
Experimental Physics, Theoretical Physics. (Gibbs, Murdock) — A.M

Mekeel, Amy Grace, A.B., A.M. (Cornell) 1910, 1919 — Trumansburg
Zoology, Botany, Entomology. (Reed, Eames, Johannsen) — Ph.D.

Merchant, Charles Henry, B.S. (Cornell) 1920 — West Monroe
Animal Husbandry, Agricultural Economics. (Savage, Boyle) — M.S.

Merrill, Frederic Brettell, B.S. (Cornell) 1919 — Schoharie
Forest Engineering, Silviculture. (Bentley, Spring) — M.F.

Migrdichian, Vartkes, A.B. (Cornell) 1919 — Rodosto, Turkey
Physical Chemistry, Physics, Mathematics. (Briggs, Kennard, Hurwitz) — Ph.D.

Milligan, Lowell Haines, B.Chem. Eng., M.Sc. (Ohio) 1916, 1917 — Columbus, Ohio
Physical Chemistry, Physics, Microchemistry. (Bancroft, Briggs, Merritt, Chamot) — Ph.D.

Mills, Harold Strycker, B.S. (Cornell) 1917 — Ithaca
Farm Crops, Farm Management. (Thompson, Myers) — M.S.Agr.

Minns, Lua Alice, B.S., M.S.Agr. (Cornell) 1914, 1918 — Lodi, Ohio
Floriculture, Landscape Art, Plant Breeding. (Beal, Curtis, Emerson) — Ph.D.

Mitchell, Alice Pauline, A.B. (Cornell) 1919 — Ithaca
English, Psychology. (Northup, Weld) — A.M.

Moody, Alden Howard, B.S. (New Hampshire) 1919 — Concord, N. H.
Inorganic Chemistry, Physical Chemistry, Industrial Chemistry. (Dennis, Briggs, Kimball) — Ph.D.

Moon, Charles, B.S.C.E. (West Virginia) 1910 — Morgantown, W. Va.
Experimental Physics, Applied Electricity, Luminescence. (Merritt, Bedell, Gibbs) — Ph.D.

Moon, Merl Perrott, A.B. (Cornell) 1915 — Beaver Falls, Pa.
Dairy Industry, Organic Chemistry, Biological Chemistry. (Stocking, Orndorff, Sumner) — Ph.D.

Moore, Roy Wallace, B.S. (Cornell) 1918 — Silver Creek
Agricultural Chemistry, Chemical Microscopy, Inorganic Chemistry. (Cavanaugh, Chamot, Dennis) — Ph.D.

Morrow, Glenn Raymond, B.A. (Westminster) 1914, M.A. (Missouri) 1918 — Crane, Mo.
Logic and Metaphysics, Ethics, Economics. (Creighton, Albee, Hammond, Thilly, Davenport) — Ph.D.

Morse, David Sherman, A.B., Ph.M. (New York Univ.) 1917, A.M. (Howard) 1918 — Denver
Analysis, Geometry, Physics. (Hurwitz, Snyder, Kennard) — Ph.D.

Mosher, Sidney W., C.E. (Cornell) 1917 — Poplar Ridge
Structural Engineering, Architectural Design. (Urquhart, Bosworth) — M.C.E.

Mott-Smith, Harold Meade, A.B. (Cornell) 1919 — Schenectady
Physics, Mathematics. (Kennard, Hurwitz) — A.M.

Muenscher, Walte Conrad, A.B. (Washington State) 1914, M.A. (Nebraska) 1915
Plant Physiology, Botany (Algae), Plant Pathology. — Lynden, Wash.
(Curtis, Schramm, Fitzpatrick) — Ph.D.

Muesebeck, Carl Frederick William, B.S. (Cornell) 1916 — Ithaca
Insect Parasitology, Entomology (Parthenogenesis in Insects), Systematic Entomology. (Matheson, Johannsen, Bradley) — Ph.D.

Murrell, William Carey, B.E. (North Carolina) 1919 — Wilmington, N. C.
Electrical Engineering, Industrial Engineering. (Gray, Kimball) — M.S.

Nadler, S. Joseph Rexwood, B.S.M.E. (Cornell) 1920 — Gadsden, Ala.
Electricity, Industrial Organization. (Merritt, Albert) — M.M.E.

Naeter, Albrecht, B.S.E.E. (Texas) 1917 — New Baden, Texas
Electrical Engineering, Refrigeration. (Gray, Upton) — M.S.

Nash, Thomas Palmer, A.B., M.A. (North Carolina) 1910, 1911 — Elizabeth City, N. C.
Physical Chemistry, Histology and Embryology, Physiology. (Benedict, Stockard, Lusk) — Ph.D.

Nasmyth, Florence Gross, A.B. (Cornell) 1912 — Ithaca
English Literature, European History. (Northup, Becker) — A.M.

Nelson, Ernest William, A.B. (Clark) 1916 — Brockton, Mass.
Medieval History, Modern European History, Philosophy. (Burr, Becker, Hammond) — Ph.D.

Nelson, John Herbert, A.B. (Wofford) 1918 — Philadelphia, Pa.
American Literature, English Literature, American History. (Prescott, Adams, Bretz) — Ph.D.

Newhall, Allan Goodrich, B.S. (Minnesota) 1918 — Minneapolis, Minn.
Plant Pathology, Plant Physiology, Physical Chemistry. (Dye, Whetzel, Curtis, Briggs) — Ph.D.

Nichols, Melvin L., B.Chem. (Cornell) 1918 — Dayton, Ohio
Organic Chemistry, Physical Chemistry, Analytical Chemistry. (Orndorff, Briggs, Dennis) — Ph.D.

Nieman, Anton William Fredrik (Dutch Commercial School) 1907, (Southeastern Agr.) 1910, (Zurich) 1920 — The Hague, Holland
Economic Entomology, Plant Pathology, Insect Morphology. (Herrick, Whetzel, Johannsen) — Ph.D.
Ninomi, Kunitaro, (Tokyo Normal College) 1908 — Dairen, China
Economic Geology, Physical Geography. (Ries, von Engeln) — A.M.
††Noble, Ralph Edwin, B.S. (Cornell) 1921 — Ithaca
Bacteriology, Sanitary Chemistry. (Stocking, Chamot) — M.S.
Norris, Leo Chandler, B.S. (Cornell) 1920 — Hornell
Animal Husbandry, Farm Management, Biochemistry. (Maynard, W. I. Myers, Sumner) — Ph.D.
Northrop, Paul A., B.S. (Stetson) 1916 — Tarpon Springs, Fla.
Experimental Physics, Theoretical Physics, Alternating Currents. (Gibbs, Murdock, Bedell) — Ph.D.
Norton, Laurence Joseph, B.S. (Cornell) 1917 — Middle Granville
Farm Management, Economic Theory, Rural Economy. (Warren, Davenport, Boyle) — Ph.D.
Noyes, Bradford, jr., B.S. (W. Virginia) 1920 — Charleston, W. Va.
Physics, Chemistry. (Bidwell, Briggs) — M.S.
Nyswander, Margaret R., A.B. (Indiana) 1920 — Mooreville, Ind.
History of Philosophy, Ethics. (Creighton, Albee, Hammond, Thilly) — A.M.
Ogden, Katherine, A.B. (Vassar) 1918 — Ithaca
Organic Chemistry, Physical Chemistry, Sanitary Chemistry. (Orndorff, Bancroft, Chamot) — Ph.D.
†Owens, James Thomas, B.S.Agr. (Cornell) 1917 — Willsboro
Adviser: G. A. Everett.
††Page, Irvine Heinly, A.B. (Cornell) 1921 — Indianapolis, Ind.
Physical Chemistry, Organic Chemistry, Chemical Microscopy. (Bancroft, Briggs, Orndorff, Chamot) — Ph.D.
Pan, Chu-Hung, B.S.C.E. (Govt. Inst. of Tech.) 1919 — Wuchow, Kwangsi, China
Railroad Engineering, Hydraulic Engineering. (Barnes, Seery) — M.C.E.
Pearson, Frank Ashmore, B.S.A. (Cornell) 1912 — Urbana, Ill.
Farm Management, Political Science, Agricultural Economics. (Warren, Davenport, Boyle) — Ph.D.
†Pederson, Ervin L., B.S. (Colgate) 1916 — Syracuse
Adviser: G. W. Cavanaugh.
††Pellman, Arthur George, A.B. (Cornell) 1921 — Buffalo
Government, Philosophy. (Saby, Creighton) — A.M.
Pepin, Auguste, B.A., B.S.A. (Laval) 1916, 1920 — St. Jean Deschaillons, Que., Canada
Soil Technology, Physical Geography and Glaciation. (Bizzell, von Engeln) — M.S.Agr.
Perrine, James Owens, B.A. (Cornell) 1909 — Ithaca
Experimental Physics, Applied Electricity, Physical Chemistry. (Merritt, Bedell, Briggs) — Ph.D.
Perry, Frank R., B.S. (Cornell) 1916 — Churchville
Plant Pathology, Mycology, Plant Breeding. (Whetzel, Fitzpatrick, Myers) — Ph.D.
Perry, Raymond A., B.S. (Cornell) 1918 — Dundee
Dairy Industry, Organic Chemistry, Biochemistry. (Stocking, Orndorff, Sumner) — Ph.D.
Phillips, Maurice Earl, B.S.Agr. (West Virginia) 1920 — Demarest, Ga.
Entomology (Morphology), 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) — 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.
Pollard, Frank Howell, B.Chem. (Cornell) 1916 — Auburn
Physical Chemistry, Inorganic Chemistry, Organic Chemistry. (Briggs, Browne, Orndorff) — Ph.D.
Poritsky, Abraham, B.S. (Cornell) 19[illegible]0 — Ithaca
Experimental Physics, Theoretical Physics. (Merritt, Kennard) — M.S.
Poritzky, Hillel, A.B. (Cornell) 1920 — Ithaca
Physics, Mathematics, Theoretical Physics. (Merritt, Hurwitz, Kennard) — Ph.D.
Porter, Joseph Pullman, B.S., M.L.D. (Cornell) 1917, 1919 — Ithaca
Landscape Design, Floriculture. (Davis, Lumsden) — M.S.
Porter, Mary Louise, Ph.B. (Chicago) 1913 — Rock Hill, S. C.
English, French. (Northup, Mason) — A.M.
Potter, Mary Isabelle, B.S. (Cornell) 1917 — Farmington, Conn.
Landscape Design, Elizabethan Literature, American Literature. (Davis, Adams, Prescott) — Ph.D.
Pratt, Algeo Newell, B.S. (Maryland) 1920 — Newark, N. J.
Pomology, Plant Physiology. (Rees, O. F. Curtis) — M.S.
Pratt, Harold A., B.S. (Mass. Agr.) 1917 — Shrewsbury, Mass.
Floriculture, Landscape Art. (White, Curtis) — M.S.
Price, Walter Van, B.S. (Cornell) 1920 — Syracuse
Dairy Industry, Chemistry. (Jackson, Orndorff) — M.S.
Proebsting, Edward Louis, B.S. (California) 1918 — Medford, Ore.
Pomology, Plant Physiology. (Heinicke, Knudson) — M.S. in Agr.
Pulley, Marion Gertrude, B.S. (Mass. Agr.) 1919 — Melrose, Mass.
Poultry Husbandry, Agricultural Economics. (Benjamin, Boyle) — M.S. in Agr.
Purdy, Alvin Canfield, A.B. (Cornell) 1920 — Middletown
Physical Chemistry, Organic Chemistry, Engineering. (Briggs, Orndorff, Sawdon) — Ph.D.

Purdy, Donald MacLean, A.B. (Cornell) 1921 — Ithaca
Physics, Physical Chemistry. (Richtmyer, Bancroft) — A.M.
Pybus, Helen Jane, B.S. (William Smith) 1916 — Gorham
Botany, Zoology. (Wiegand, Wright) — M.S.
Randolph, Lowell Fitz, Ph.B. (Alfred) 1916 — Alfred
Botany, Zoology, Plant Breeding. (Sharp, Reed, Emerson) — Ph.D.
Raplee, Jay W., B.S. (Cornell) 1920 — Ithaca
Agricultural Economics, Vegetable Gardening. (Boyle, Thompson) — M.S. in Agr.
Rebert, Homer Franklin, A.B. (Franklin and Marshall) 1912 — Littletown, Pa.
Latin, Greek, Ancient History. (Bennett, Durham, Jones, Westermann) — Ph.D.
Reed, Robert R., B.S. (Washington and Jefferson) 1889 — Washington, Pa.
Electric Furnace, New Method of Firing Clay. (Bidwell, Ries) — M.S.
Reeves, Jeremiah Bascom, A.B. (N. Carolina) 1909, A.M. (Yale) 1911 — Sanford, N. C.
The English Religious Lyric, Elizabethan Literature, Eighteenth Century Literature. (Sampson, Northup, Adams, Prescott) — Ph.D.
Reitz, William Walter, B.S., M.S. (Penn State) 1911, 1914 — Spring Mills, Pa.
Rural Education, Farm Management. (Works, Misner) — M.S. in Agr.
†Reynolds, Almos Kirkman, A.B. (Whitman) 1920 — Walla Walla, Wash.
Adviser: H. C. Troy.
Reynolds, Frederick William, B.S. in E.E. (Union) 1920 — Schenectady
Experimental Physics, Theoretical Physics, Applied Electricity. (Richtmyer, Murdock, Bedell) — Ph.D.
Rhodes, Solomon Alhadef, B.S. (Cornell) 1921 — Ithaca
French, Spanish. (Pumpelly, Keniston) — A.M.
Richards, Dorrice Anwyl, A.B. (Cornell) 1920 — Ithaca
English Literature, Philosophy. (Broughton, Thilly) — A.M.
Richmond, Donald Everett A.B. (Cornell) 1920 — Great Barrington, Mass.
Theoretical Physics, Mathematics. (Kennard, Hurwitz) — M.S.
Riley, Edgar Heisler, A.B. (Cornell) 1915 — Wilmington, Del.
English Literature, Old English, Medieval History. (Cooper, Monroe, Burr) — Ph.D.
Rivenburgh, Dexter V., B.S. (Cornell) 1921 — Ithaca
Robinson, Ernest Guy, B.S. (Cornell) 1920 — Moore, Mont.
Economic Geology, Stratigraphic Geology. (Ries, Harris) — A.M.
Ross, Morris B., B.S. (Cornell) 1920 — New York City
Agricultural Chemistry, Dairy Bacteriology, Biochemistry. (Cavanaugh, Stocking, Sumner) — Ph.D.
Rowlee, Silence, A.B. (Cornell) 1920 — Ithaca
Botany, Zoology. (Rowlee, Reed) — A.M.
Ruehe, Harrison A., B.S., M.S. (Illinois) 1911, 1916 — Urbana, Ill.
Dairy Industry, Bacteriology, Agricultural Chemistry. (Stocking, Hagen, Cavanaugh) — Ph.D.
Ruppel, Henry G., B.A.Chem. (Mont.) 1921 — Twin Bridges, Mont.
Organic Chemistry, Physical Chemistry, Sanitary Chemistry. (Orndorff, Briggs, Chamot) — Ph.D.
Sand, Austin Wertman William, B.S. (Cornell) 1920 — Lockport
Floriculture, Landscape Art. (Beal, Curtis) — M.S.
Sanders, Gerald DeWitt, B.S., M.A. (Wofford) 1918, 1918 — Pageland, S. C.
English Literature, English Language, Dramatic Structure. (Northup, Monroe, Sampson) — Ph.D.
Sarachan, Herman Albert, B.S.M.E. (Rochester) 1917 — Rochester
Industrial Engineering, Advanced Machine Design. (Kimball, Albert) — M.S.
Sawyer, Ralph Henry, B.S. (Dartmouth) 1917 — Fitchburg, Mass.
Poultry Husbandry, Farm Management. (Rice, Myers) — M.S.Agr.
Sawyer, Wesley Stevens, B.Sc. (Mass. Agr.) 1920 — Sodus
Plant Pathology, Plant Physiology, Pomology. (Whetzel, Knudson, Heinicke) — Ph.D.
Schlatter, Fidel Paul, B.S. (Penn. State) 1915 — Tunkhannock, Pa.
Plant Pathology, Plant Physiology, Pomology. (Whetzel, Curtis, Chandler) — Ph.D.
†Schmeck, Harold M., B.S. (Cornell) 1921 — La Salle
Adviser: R. S. Hosmer.
Schnee, Vernon Higgi, B.Chem. (Cornell) 1920 — Cleveland, Ohio
Electro-Chemistry, Industrial Chemistry. (Briggs, Rhodes) — M.S.
Scott, Merit, A.B. (Cornell) 1920 — Glens Falls
Experimental Physics, Theoretical Physics, Mathematics. (Gibbs, Kennard, Hurwitz) — Ph.D.
Sewell, Dorothy A., A.B. (Smith) 1916 — Walton
Histology and Embryology, Zoology. (Kingsbury, Reed) — A.M.
Shafran, Eugenia, A.B. (Hunter) 1918 — New York City
Botany, Biochemistry, Morphology. (Schramm, Sumner, Eames) — Ph.D.
Sibley, Charles Kerr, B.S. (Cornell) 1920 — Kingston
Limnology, Systematic Vertebrate Zoology, Aquiculture. (Needham, Wright, Embody) — Ph.D.
Siegel, Louis Carl, B.S. (Cornell) 1921 — Brooklyn
Biology, Zoology. (Needham, Johannsen, Allen) — M.S.
Sikes, Earl Ray, A.B. (Trinity) 1915 — Clayton, N. C.
Politics, Economics, American History. (Orth, Davenport, Hull, Bretz) — Ph.D.
Simpson, Arthur Fred, B.S. (Cornell) 1919 — Buffalo
Dairy Industry, Dairy Chemistry. (Stocking, Cavanaugh) — M.S.
†Skovgaard, Kristen Kristensen, B.S. in Agr. (Royal Agr. Col. of Copenhagen) 1919
Adviser: H. H. Love. — Horsholm, Denmark
Smart, Harold Robert, B.S. (Wesleyan) 1915 — Searsport, Me.
Logic and Metaphysics, Ethics. (Creighton, Albee, Thilly) — A.M.

Smith, George Hume, A.B. (Wabash) 1918 — Ithaca
Botany, Mycology, Historical Geology. (Eames, Sharp, Fitzpatrick, Harris) — Ph.D.

Smith, Henry Richey, A.B. (Ohio Wesleyan) 1907 — Houghton
Philosophy, English. (Creighton, Albee, Cooper) — A.M.

Smythe, Donald DeCou, B.S. (Oregon) 1919 — Ithaca
Economic Geology, Mineralogy and Petrography. (Ries, Gill) — M.S.

††Sobol, Bernard, A.B. (Cornell) 1921 — New York City
Economics, Philosophy. (Davenport, Creighton) — A.M.

†Solberg, Louise, Ph.B. (Royal Frederick Univ.) 1913 — Brammen, Norway
Adviser: E. A. White.

Souders, Josephine, A.B. (Cornell) 1916 — Phillipsburg, N. J.
Physical Chemistry, Physics, Organic Chemistry. (Briggs, Murdock, Orndorff) — Ph.D.

Southee, Ethelbert Ambrook, B.Sc., B.S.Agr. (Sydney Univ.) 1911, 1913, M.A. (Oxford) 1919 — Rockdale, N.S.W., Australia
Plant Breeding, Plant Pathology, Farm Crops. (Love, Whetzel, Montgomery, Wiggans) — Ph.D.

Spencer, Leland, B.S. (Cornell) 1918 — Elmira
Farm Management, Agricultural Economics, Economics. (Warren, Boyle, Davenport) — Ph.D.

††Starkweather, Elisabeth, A.B. (Radcliffe) 1920 — Newtonville, Mass.
Adviser: A. T. Kerr.

Stevens, Lawton Terry, B.S.M.E. (Ga. School Tech.) 1920 — Atlanta, Ga.
Structural Engineering, Industrial Engineering. (Urquhart, Kimball) — M.S.

††Suffin, Rosalie, A.B. (Cornell) 1921 — Mount Vernon
English Literature, Philosophy. (Broughton, Creighton) — A.M.

Summerby, Robert, B.S.A. (McGill) 1911 — Macdonald College, Que., Canada
Plant Breeding, Plant Physiology. (Love, Knudson) — M.S. in Agr.

Sun, Kuo Feng, B.S. (Govt. Univ. Peking) 1916, A.M. (Cornell) 1919 — Fengtien, China
Applied Electricity, Electrical Engineering, Physics. (Bedell, Murdock, Karapetoff, Merritt) — Ph.D.

Suttle, Andrew Dillard, B.S.A., M.S. (Miss. A. and M.) 1915, 1920 — Louisville, Miss.
Farm Crops, Plant Breeding. (Wiggans, Myers) — M.S.

†Sweeney, Charles T., B.S. (Cornell) 1921 — Rexville
Adviser: W. I. Myers.

Tan, Shan Fan, B.Chem. (Cornell) 1920 — Tangshan, China
Industrial Chemistry, Organic Chemistry, Industrial Organization. (Rhodes, Orndorff, Kimball) — Ph.D.

Tang, Shing-Yi, B.C.E. (Peking Govt.) 1918 — Canton, China
Bridge Engineering, Highway Engineering. (Jacoby, Conwell) — M.C.E.

Tao, Wei Sun, B.S. (Columbia) 1921 — Wusih, China
Chemical Microscopy, Physical Chemistry. (Chamot, Briggs) — M.S.

Tarris, Venia, B.S. (Cornell) 1920 — Ithaca
Systematic Entomology, Zoology. (Johannsen, Wright) — M.S.

Ten Eick, Charles Watson, B.S. (Cornell) 1920 — New York City
Forest Administration, Forest Utilization. (Hosmer, Recknagel) — M.F.

Teodoro, Anastasio Lalota, B.Agr. (Univ. of Philippines) 1918 — Santa Cruz, Laguna, P. I.
Rural Education, Power Engineering. (Riley, Diederichs) — M.S.

Thomas, Albert E., B.S. (Cornell) 1921 — Corbettsville
Adviser: W. I. Myers.

Thompson, Alvan Chalfant, B.S.Agr. (Ohio State) 1920 — Cleveland, Ohio
Vegetable Gardening, Farm Management. (Schneck, Myers) — M.S.Agr.

Thomson, Alexander Bayard, B.S. (Cornell) 1921 — Buffalo
Rural Engineering, Agricultural Chemistry. (Fairbanks, Cavanaugh) — M.S. in Agr.

†Ting, Zung Kun, B.S. (C.E.) (Govt. Inst. of Technology) 1919, M.C.E. (Cornell) 1920 — Kun-Shan, Kiang-su, China
Adviser: E. W. Schoder.

Tonow, Paul Tokuma, Nogakushi (Tohoku Imperial) 1916 — New York City
Landscape Design, Plant Materials. (Davis, R. W. Curtis) — M.L.D.

Topham, Alfred, B.Sc. (Mass. Agr.) 1916 — Lawrence, Mass.
Poultry Husbandry, Rural Economy. (Benjamin, Lauman) — M.S. in Agr.

Toupin, Gustave, B.A., B.S.A. (Laval) 1916, 1919 — St. Isidore, Que., Canada
Animal Husbandry, Farm Management. (Maynard, Myers) — M.S. in Agr.

Travis, Reed Pelton, B.S. (Cornell) 1920 — East Stroudsburg, Pa.
Dairy Industry, Organic Chemistry. (Troy, Orndorff) — M.S.

Tressler, Marjorie Katharina, B.A. (Cornell) 1918 — Montpelier, Ohio
Organic Chemistry, Physical Chemistry, Chemical Spectroscopy. (Orndorff, Briggs, Chamot) — Ph.D.

Turner, Thomas Wyatt, A.B. (Howard) 1901 — Washington, D. C.
Plant Physiology, Pomology, Plant Pathology. (O. F. Curtis, Heinicke, Whetzel) — Ph.D.

Tysdall, Edward Phillip Theodore, A.B. (Richmond) 1912 — Richmond, Va.
Experimental Physics, Theoretical Physics, Mathematics. (Gibbs, Kennard, Sharpe) — Ph.D.

Underwood, Francis Omar, B.S. (Cornell) 1918 — Ithaca
Farm Crops, Plant Physiology. (Thompson, Curtis) — M.S.Agr.

Van Allan, George Raymond, A.B. (Cornell) 1919 — Rensselaer
Poetry, Old English. (Sampson, Monroe) — A.M.

Van Volkenburg, Horatio Luther, D.V.M., B.S.Agr. (Cornell) 1918, 1919 — Springville
Comparative Pathology, Materia Medica. (Goldberg, Milks) — M.S.

Van Winkle, Katherine, B.S. (Washington) 1918 — Oakville, Wash.
Paleontology, Stratigraphy, Systematic Zoology. (Harris, von Engeln, Wright) — Ph.D.

Varley, James Richard, D.V.M. (Cornell) 1920 — Greenwich
Surgery, Physiology. (Frost, Fish) — M.S.

†Vaughn, Richard Owen, B.S. (Miss. A. and M.) 1915 — Caledonia, Miss.
Adviser: E. G. Misner.

Vettel, Henry, B.S. (Cornell) 1920 — New York City
Forest Utilization, Silviculture. (Recknagel, Spring) — M.F.

†Vieweg, Hermann Frederick, B.Chem. (Cornell) 1921 — Ithaca
Physical Chemistry, Mineralogy and Crystallography, Physics.
(Bancroft, Briggs, Gill, Richtmyer) — Ph.D.

Villanueva, Alejandro J., M.S. (C.E.) (Univ. of the Phil.) 1919 — Manila, P. I.
Adviser: H. S. Jacoby.

†Vizioli, Jose, Agronomo (Escola Agricola Piracicaba) 1917 — Sao Paulo, Brazil
Adviser: H. M. Fitzpatrick.

Vogel, Irvin H., B.S., M.S. (Iowa State) 1916, 1917 — Ithaca
Plant Pathology, Botany, Entomology. (Whetzel, Wiegand, Matheson) — Ph.D.

Volkert, Robert Morris, B.S. (Cornell) 1920 — New York City
Botany, Silviculture. (Rowlee, Spring) — M.F.

Vose, Richard Shepard, B.S.Chem. (Rutgers) 1920 — Spencer
Organic Chemistry, Inorganic Chemistry, Physical Chemistry.
(Orndorff, Dennis, Browne, Bancroft) — Ph.D.

Wadsworth, James Raymond, A.B. (Cornell) 1920 — Hastings
French, Spanish. (Mason, Keniston) — A.M.

Wakeman, Seth, A.B., M.A. (Hobart) 1916, 1917 — Ithaca
Education, Psychology, Physiology. (Ogden, Weld, Simpson) — Ph.D.

Walter, William Howard, B.A., M.A., LL.B. (Toronto) 1915, 1917, 1918 — Goderich, Canada
Finance, Economics, Politics. (Rogers, Davenport, Orth) — Ph.D.

Wang, Hsi-Chen, B.S.C.E. (Govt. Inst. of Tech. Shanghai) 1918 — Shanghai, China
Railway Engineering, Hydraulic Engineering. (Barnes, Seery) — M.C.E.

Wang, Hsun Tsai, B.Sc. in C.E. (Tangshorn Engin. Coll., China) 1920 — Chefoo, N. China
Sanitary Engineering, Hydraulic Engineering. (Ogden, Seery) — M.C.E.

Wang, Livingston Juiting, B.A. (Peking) 1917 — New York City
Economics, Social Science. (Davenport, Willcox) — A.M.

††Warburton, Clark A., A.B. (Cornell) 1921 — Ithaca
Economics, Psychology. (Davenport, Weld) — A.M.

Warne, Colston Estey, A.B. (Cornell) 1920 — Ithaca
Accounting and Finance, Economic Theory. (English, Rogers, Davenport) — A.M.

Warshow, Irving Henry, A.B. (Cornell) 1921 — Brooklyn
Finance, Accounting. (Rogers, English) — A.M.

Webster, Robert Lorenzo, A.B. (Illinois) 1908 — Kensington, Md.
Economic Entomology, Plant Physiology, Organic Chemistry.
(Herrick, Curtis, Orndorff) — Ph.D.

Weeks, Lester Frank, B.S. (Colby) 1915, A.M. (Harvard) — Randolph, Me.
Physical Chemistry, Organic Chemistry, Inorganic Chemistry.
(Bancroft, Orndorff, Dennis) — Ph.D.

Weiss, Freeman, B.S. (Minnesota) 1915 — Minneapolis, Minn.
Plant Pathology, Plant Histology, Plant Physiology. (Reddick, Eames, Knudson) — Ph.D.

Weiss, Herbert, A.M., B.M.E. (Cornell) 1912 — Rochester
Experimental Engineering Research, Industrial Engineering. (Upton, Albert) — M.M.E.

Wertz, Cyril J., B.S.E.E. (Nebraska) 1917 — Richland, Nebr.
Electrical Engineering, Power Plants. (Gray, Barnard) — M.S.

West, Luther Shirley, B.S. (Cornell) 1921 — Owego
Economic Entomology, Systematic Entomology, Histology and Embryology.
(Matheson, Needham, Bradley, Kingsbury) — Ph.D.

Whitchurch, Anna Kellman, A.B. (Lawrence) 1916, A.M. (Northwestern) 1917 — Evanston, Ill.
Psychology, Education, Elizabethan English. (Titchener, Ogden, Adams) — Ph.D.

Whitchurch, Irl Goldwin, A.B., B.D.,A.M. (Northwestern) 1916, 1917 — Evanston, Ill.
Logic and Metaphysics, Ethics, Greek Philosophy.
(Creighton, Albee, Thilly, Hammond) — Ph.D.

White, Richard Peregrine, B.S. (Dartmouth) 1918 — North Acton, Mass.
Plant Pathology, Plant Physiology, Physical Chemistry. (Whetzel, Knudson, Briggs) — Ph.D.

Whitehill, Alfred A., B.S. (Cornell) 1921 — Brooklyn

Whiting, William Alonzo, B.S. (Allegheny) 1914 — Meadville, Pa.
Dairy Bacteriology, Organic Chemistry, Biochemistry. (Stocking, Orndorff, Sumner) — Ph.D.

Whitney, Cass Ward, B.S. (Cornell) 1913 — Ithaca
Rural Organization, Rural Education. (Sanderson, Kruse) — M.S. in Agr.

Williams, Grace D., B.S. (Columbia) 1919 — West Winfield
Pomology, Agr. Economics and Farm Management. (Carrick, Myers) — M.Sc.

Williams, Ruth Gladys, B.A. (Pomona) 1919 — La Verne, Cal.
Botany, Zoology, Geology. (Eames, Wright, Harris) — Ph.D.

Willison, Dorothy, A.B. (Cornell) 1920 — Huntington, W. Va.
Organic Chemistry, Agricultural Chemistry. (Orndorff, Rice) — M.S.

Wilson, Carl Louis, A.B. (Denver) 1919 — Lorain, Ohio
Botany, Plant Pathology, Entomology. (Eames, Whetzel, Needham) — Ph.D.

Winters, Nathaniel Elmer, B.S. (Oklahoma) 1911, M.S. (Texas A. and M.) 1918
Soils, Farm Management, Chemical Microscopy. — Charlotte, N. C.
(Wilson, Livermore, Chamot) — Ph.D.

Wolfe, Thomas Kennerly, B.S.Agr., M.S. (Virginia Polytechnic Inst.) 1914, 1915 — Blacksburg, Va.
Plant Breeding, Plant Physiology, Soils. (Love, Curtis, Wilson) — Ph.D.

Wolff, Irving, B.S. (Dartmouth) 1916 — New York City
Theoretical Physics, Mathematics, Experimental Physics.
(Kennard, Hurwitz, Murdock) — Ph.D.

Wolfson, Alfred Mortimer, B.S. (Cornell) 1921 — New York City
Botany, Plant Breeding, Zoology. (Sharp, Hutchison, Reed) — Ph.D.

Woo, Choong Wai, B.S.C.E. (Govt. Inst. of Technology) 1918 — Chang Chow, Kiangsu, China
Bridge Engineering, Railway Engineering. (Jacoby, Barnes) — M.C.E.
Wright, William Edward, B.S. (Cornell) 1920 — New Rochelle
Forest Management, Forest Mensuration. (Recknagel, Bentley) — M.F.
Wu, Chenfu Francis, B.S., M.A. (Soochow) 1917, 1919 — Shanghai, China
Limnology, Economic Entomology, Insect Morphology.
(Needham, Herrick, Johannsen) — Ph.D.
Yang, Tsin-Shing, B.A. (Peking Govt. Univ.) 1919 — Santung, China
Psychology, Physiology, Education. (Titchener, Simpson, Ogden) — Ph.D.
Yeaton, Ruth Agnes, B.A. (Mt. Holyoke) 1913 — Portsmouth, N. H.
Physics, Mathematics, Chemistry. (Merritt, Hurwitz, Briggs) — Ph.D.
Yeh, Chia-Yuan, B.S. (Govt. Inst. of Tech.) 1918 — Shanghai, China
Electrical Engineering, Railway Engineering. (Karapetoff, Barnes) — M.M.E.
Young, Ernest Charles, B.S. (Grove City) 1914 — Ithaca
Farm Management, Animal Husbandry, Political Economy. (Warren, Savage, Young) — Ph.D.
Young, Harry Pestana, B.S. (Pennsylvania State) 1913 — Ithaca
Farm Management, Economics, Animal Husbandry.
(Warren, W. I. Myers, Davenport, Savage) — Ph.D.
Young, Paul A., A.B. (Wabash) 1921 — Garrett, Ind.
Plant Pathology, Plant Physiology, Physical Chemistry.
(Barrus, Massey, Knudson, Briggs) — Ph.D.
Yu, Henry, B.Sc. in C.E. (Tangshau Eng. Col., China) 1920 — Shanghai, China
Bridge Engineering, Railroad and Highway Engineering.
(Urquhart, Jacoby, Barnes) — M.C.E.
Yu, Tsung-Kuei, B.S.C.E. (Pei-Yang) 1919 — Changshu, Kiangsu, China
Bridge Engineering, Railroad Engineering. (Jacoby, Urquhart, Barnes) — M.C.E.
†Zanotti, Fernando, E.E. (Turin and Genoble) 1919-1920 — Corino, Italy
Adviser: Vladimir Karapetoff.
Zeller, Cornelia P. H., A.B. (Cornell) 1916 — Scranton, Pa.
German Literature, French Literature. (Boesche, Faust, Guerlac) — A.M.

STUDENTS REGISTERED FOR GRADUATE WORK DURING THE SUMMER OF 1920

Abell, Max Flavel, B.S. (Cornell) 1914 — Phoenix
Farm Crops, Botany, Farm Management. (Montgomery, Wiegand, Warren) — Ph.D.

Alden, Rose, A.B. (Mt. Holyoke) 1901 — Newark, N. J.
English Literature, Comparative Literature. (Adams, Cooper) — A.M.

Allen, Charles Loring, A.B. (Cornell) 1919 — Brodhead
Animal Husbandry, Farm Management, Animal Nutrition, Biochemistry. (Harper, Warren, Maynard, Sumner) — Ph.D.

Allen, Mavea Geraldine, B.S. (Colorado Agr.) 1915 — Denver, Colo.
Poultry Husbandry, Agricultural Chemistry. (Benjamin, Cavanaugh) — M.S.

Anderson, Ethel Louise, B.A. (Mt. Holyoke) 1919 — Jamestown
Embryology and Histology, Pathology and Bacteriology. (Kingsbury, Moore) — A.M.

Andrews, William Alexander, A.B. (Cornell) 1917 — Woodhaven
Education, Psychology. (Ogden, Weld) — A.M.

Art, Ridgely Wilson, B.S. (Maryland State) 1920 — Baltimore, Md.
Farm Crops, Plant Physiology. (H. C. Thompson, Knudson) — M.S.

Baird, William Jesse, B.S. (Berea) 1915 — Berea, Ky.
Rural Education, Farm Management. (Works, Misner) — M.S. in Agr.

Barringer, Benton E., B.S. (Cornell) 1915 — Caneadea
Rural Education, Rural Organization, Soil Technology. (Works, Sanderson, Bizzell) — Ph.D.

Bayne, Thomas T. jr., B.S. in Agr. (N. Carolina State) 1914 — New York City
Rural Education, Rural Organization. (Works, Sanderson) — M.S. in Agr.

†**Beck, Gladys, A.B.** (Kansas) 1914 — Kansas City, Kansas
Adviser: Anna Botsford Comstock.

Benner, James William, D.V.M. (Kansas State Agr.) 1911 — Ithaca
Bacteriology, Serum Therapy. (Moore, Birch) — M.S.

Berry, James B., B.S.F. (Minnesota) 1910 — Wilkes-Barre, Pa.
Rural Education, Plant Pathology, Forest Management. (Works, Whetzel, Recknagel) — Ph.D.

Bigelow, Karl Worth, A.B. (Clark) 1920 — Worcester, Mass.
Economic Theory, Statistics. (Davenport, Willcox) — A.M.

Boies, Grace Elizabeth, A.B. (Parsons) 1910 — Birmingham, Iowa
English Literature, American Literature. (Adams, Broughton) — A.M.

Boorem, Gladys M., A.B. (Ursinus) 1915 — Lehighton, Pa.
English Literature, English Language. (Sampson, Monroe) — A.M.

Branch, Hazel E., A.B., A.M. (Kansas) 1908, 1912 — Wichita, Kansas
Insect Morphology, Systematic Entomology, Zoology. (Johannsen, Needham, Reed) — Ph.D.

Bronson, Wesley Hotchkiss, B.S. (Cornell) 1913 — Amherst, Mass.
Farm Management, Economics. (Warren, Willcox) — M.S. in Agr.

Brownell, Grace Alvira, A.B. (Smith College) 1917 — Mattapoisett, Mass.
Latin, Philosophy. (Durham, Creighton) — A.M.

Bruce, William French, B.S. in Agr. (Ohio State) 1911 — Columbus, Ohio
Rural Education, Farm Management. (Works, Misner) — M.S. in Agr.

Card, Leslie Ellsworth, B.S. (Cornell) 1914 — Sylvania, Penn.
Poultry Husbandry, Farm Management, Animal Husbandry. (Rice, Warren, Savage) — Ph.D.

Carlson, Fred Albert, B.S. (Mass. Agr.) 1918 — Pittsfield, Mass.
Soil Technology, Geology, Farm Crops. (Lyon, Bizzell, Ries, von Engeln, Montgomery) — Ph.D.

Carpenter, Charles Milton, D.V.M. (Cornell) 1917 — Unadilla
Physiology, Obstetrics. (Simpson, Williams) — Ph.D.

Chamberlain, Walter Edwin, B.S. (New Hampshire State) 1916 — Waynesburg, Pa.
Rural Education, Rural Organization. (Works, Sanderson) — M.S. in Agr.

Chen, Chia Lin, degree at Tientsin Naval College — Peking, China
English, Oriental History. (Northup, Schmidt) — A.M.

Clarke, Florence Sayers, A.B. (Vassar) 1916 — Woonsocket, R. I.
French, English. (Mason, Northup) — A.M.

Cooper, Herbert Press, B.S. (Clemson Agr. College), **M.S.** (Wisconsin) 1915 — State College, Pa.
Plant Breeding, Soil Technology, Farm Crops. (Love, Bizzell, Montgomery) — Ph.D.

Cormany, Charles Evans, B.S. (New Mexico A. and M.) 1918 — State College, N. Mex.
Farm Crops, Rural Education. (Wiggans, Montgomery, Ferriss, Lusk) — M.S. in Agr.

Cornwell, Ralph Thomas Kline, B.Chem. (Cornell) 1918 — Northumberland, Pa.
Organic Chemistry, Physical Chemistry, Chemical Microscopy. (Orndorff, Briggs, Chamot) — Ph.D.

Cowles, Henry Trask, B.S. (Mass. Agr.) 1910, **B.S.** (Boston Univ.) 1910 — Mayaguez, P. R.
Horticulture, Plant Pathology. (Heinicke, Whetzel) — M.S.

Cox, Hiden Toy, B.A. (Furman University) 1903 — Greenville, S. C.
Experimental Physics, Theoretical Physics. (Gibbs, Murdock) — A.M.

Curtiss, Leon Francis, A.B. (Cornell) 1917 — Ithaca
Experimental Physics, Theoretical Physics, Alternating Currents. (Gibbs, Merritt, Bedell) — Ph.D.

Dain, Bryant D., B.S. (Cornell) 1920 — Peekskill
Silviculture, Plant Physiology. (Spring, Curtis) — M.F.

Deck, Clara M., A.B. (Ursinus) 1912 — West Leesport, Pa.
American History, Modern European History. (Bretz, Becker) — A.M.

Denman, Ralph Herman, B.S. (Cornell) 1913 — Brookton
Rural Engineering, Farm Management. (H. W. Riley, Livermore) — M.S. in Agr.

Detwiler, John D., B.A. (Queen's Univ.) 1912 — Kitchener, Ont., Canada
Economic Entomology, Morphological Entomology, Zoology. (Herrick, Johannsen, Reed) — Ph.D.
Dickson, Frank, B.A. (Queen's) 1920 — Brantford, Ont., Canada
Plant Pathology, Plant Physiology, Cytology. (Whetzel, Knudson, Sharp) — Ph.D.
Dill, Florence Mary, A.B. (Cornell) 1920 — Buffalo
English Literature, English Language. (Cooper, Monroe) — A.M.
Donohue, Eleanor, A.B. (Hunter) 1909 — Great Barrington, Mass.
Victorian Literature, Old English. (Northup, Monroe) — A.M.
Eyster, Lewis A., A.B. (Bucknell) 1917 — Fisher's Ferry, Pa.
Plant Breeding, Systematic Botany, Plant Physiology. (Emerson, Wiegand, Eames, Curtis) — Ph.D.
Farr, Muriel Eldra, B.S. (Cornell) 1920 — Cranberry Creek
German Literature, German Philology. (Faust, Andrews) — A.M.
Fernald, Evelyn Ida, A.B. (Vassar) 1912 — West Groton, Mass.
Plant Physiology, General Botany. (Curtis, Eames, Sharp) — A.M.
Ferrand, Elsie Margaret, A.B. (Cornell) 1920 — Gardenville
French, German. (Mason, Andrews) — A.M.
Fife, Ray, B.S. (Ohio Northern) 1909 — Columbus, Ohio
Rural Education, Rural Organization. (Works, Sanderson) — M.S. in Agr.
Flory, Lillie Katherine, B.S. (Bridgewater) 1917 — Bridgewater, Va.
Botany, Zoology. (Wiegand, Reed) — A.M.
Foard, Bessie, A.B., M.B., (New Windsor College) 1909 — Baltimore, Md.
History, Latin. (Bretz, Durham) — A.M.
†Friedman, Eli M., A.B. (Cornell) 1917 — Massena
Adviser: A. T. Kerr.
Fukagawa, Masashichi, B. in Com. (Nagasaki Commercial College) 1917 — Philadelphia, Pa.
Economics, Money and Banking. (Usher, Reed) — A.M.
Gabriel, Harry S., B.S. (Cornell) 1915 — Watkins
Rural Education, Rural Organization. (Works, Savage) — M.S.
Gaiss, Aloysius Joseph, Ph.B. (Alfred) 1918 — Corning
German, French. (Pope, Mason) — A.M.
Gee, James Gilliam, B.S. (Clemson) 1917 — Columbia, S. C.
Farm Management, Rural Education. (Misner, Works) — M.S. in Agr.
Gillett, Roy Lewis, B.S. (Cornell) 1917 — Colden
Farm Management, Economics, Soils. (Livermore, Warren, Davenport, Bizzell, Lyon) — Ph.D.
Gillis, Merl Conrad, B.S. in Agr. (Purdue) 1917 — South Bend, Ind.
Plant Breeding, Soil Technology. (Bussell, Bizzell, Lyon) — M.S. in Agr.
Gilman, Herbert, D.V.M., M.S. (Cornell) 1917, 1920 — Ithaca
Veterinary Bacteriology and Pathology, Veterinary Obstetrics, Vertebrate Embryology. (Moore, Hagan) — Ph.D.
Goode, Clement Tyson, A.B. (Wake Forest) 1905 — Sweet Briar, Va.
English Poetry, Middle English, Elizabethan Literature. (Sampson, Strunk, Adams) — Ph.D.
Gow, Grace Marie, A.B. (Upsala) 1917 — Kenilworth, N. J.
Biology, Rural Education. (Needham, Works) — M.S.
Graham, Vi Arvin, B.A., A.M. (Cornell) 1917, 1918 — Richmond, Va.
Analytical Chemistry, Biochemistry. (Browne, Sumner) — M.S.
Greene, Guy S., A.B. (Hobart College) 1920 — Suffern
English Language, English Literature. (Monroe, Northup) — A.M.
Greenfield, Anna Rae, B.A. (Leland Stanford) 1907 — Yonkers
American History, Ancient History. (Bretz, Schmidt) — A.M.
Grimes, Earl Jerome, B.S. (Illinois) 1918 — Williamsburg, Va
Plant Pathology, Plant Physiology. (Whetzel, Knudson) — M.S.
Grimm, Jay John, B.S. (Grinnell) 1910 — Gainsville, Fla.
Plant Physiology, Plant Morphology and Cytology, Physical Chemistry. (Curtis, Knudson, Sharp, Briggs) — Ph.D.
Grote, Caroline E., B.S. (Johns Hopkins) 1919 — Baltimore, Md.
English Literature, Education. (Cooper, Ogden) — A.M.
Gustafson, Axel Ferdinand, B.S., M.S. (Illinois) 1907, 1912 — Aledo, Ill.
Soil Technology, Physical Chemistry, Physical Geography, Economic Geology. (Bizzell, Briggs, von Engeln, Ries) — Ph.D.
Haddon, Thomas Crawford, B.S. (Clemson) 1914 — Rockhill, S. C.
Landscape Art, Nature Study. (R. W. Curtis, Comstock) — M.S.
Hart, Van Breed, B.S. (Cornell) 1916 — McLean
Farm Management, American History, Rural Engineering. (Warren, Hull, Robb) — Ph.D.
Hine, Willard Rudolph Bernard, B.S. (Cornell) 1920 — Gloversville
Forest Products and Utilization, Accounting. (Recknagel, English) — M.F.
Hess, Mary Lucetta, A.B. (Allentown) 1919 — Hellertown, Pa.
German, Latin. (Faust, Durham) — A.M.
Holland, Jimmie Mae, A.B. (Miss. State College for Women) 1919 — Amory, Miss.
English Literature, English Language. (Northup, Monroe) — A.M.
Hook, Alonzo Lohr, A.B. (Elon) 1913 — Elon College, N. C.
Experimental Physics, Theoretical Physics. (Merritt, Murdock) — M.S.
Horn, Paul V., B.S. (Maryland State) 1919 — Baltimore, Md.
Farm Management, Animal Husbandry. (Livermore, Savage) — M.S.
Hultzen, Lee Sisson, A.B. (Cornell) 1920 — Norwich
Public Speaking, English. (Winans, Cooper) — A.M.
Hsu, Chen-kan, B.S. (Nanking) 1919 — Soochow, China
Plant Breeding, Pomology. (Love, Chandler) — M.S. in Agr.

Humphrey, Rufus R., A.B. (Michigan State Normal) 1917 — Woodhaven
Embryology and Histology, Zoology. (Kingsbury, Reed) — A.M.

Hunt, Mabel Mungeam, A.B. (Cornell) 1912 — New York City
French, Philosophy. (Mason, Creighton) — A.M.

Hyde, Karl Clayton, A.B. (Indiana) 1915 — Ithaca
Botany, Zoology. (Rowlee, Reed) — A.M.

Ingraham, Mark Hoyt, A.B. (Cornell) 1917 — Brooklyn
Mathematics, Economics. (Craig, Usher) — A.M.

Jones, Samuel Columbus, B.S. (Clemson) 1919 — Pendleton, S. C.
Agricultural Education, Farm Management. (Works, Misner) — M.S. in Agr.

Kibbe, Alice Lovina, A.B. (Washington) 1910 — Bellingham, Wash.
Botany, Zoology. (Eames, Reed) — M.S.

Klugh, Alfred Parvalia, M.A. (Queen's) 1910 — Idingston, Canada
Limnology, Insect Ecology, Ornithology. (Needham, Johannsen, Allen) — Ph.D.

Knoepfle, Frieda Barbara, B.A. (Greensville) 1915 — Ridgway, Pa.
Latin, German. (Durham, Pope) — A.M.

Lane, Florence A., A.B. (Syracuse) 1915 — Canajoharie
Analysis, Geometry. (Gillespie, Carver) — A.M.

Lathrop, Frank Waldo, B.A. (Yale) 1911, **M.S. in Agr.** (Cornell) 1914 — New London, Conn.
Rural Education, Farm Management, Rural Economy. (Works, Warren, Lauman) — Ph.D.

Lathrop, Mary Alinda, Ph.B. (Cornell) 1896 — Montclair, N. J.
French Literature, French Philology. (Mason, Becker) — A.M.

Latta, John Stephens, B.A. (Miami) 1916 — College Corner, Ohio
Histology and Embryology, Comparative Vertebrate Anatomy, Entomology. (Kingsbury, Reed, Needham) — Ph.D.

Laws, Mary K., B.A. (Pennsylvania State) 1916 — Sayre, Pa.
Ancient History, Education. (Schmidt, Ogden) — A.M.

†**Lazenby, Elusina, A.B.** (Smith) 1919 — Circleville, Ohio
Adviser: R. W. Curtis.

Lewis, Isaiah Daniel, B.S. (Alabama Polytechnic Inst.) 1913 — Chapin, S. C.
Agricultural Education, Farm Management. (Works, Misner) — A.M.

Lewis, Mary Brittain, A.B. (Winthrop) 1919 — Tagewell, Va.
English, Philosophy. (Adams, Creighton) — A.M.

Liddell, Anna Forbes, A.B. (North Carolina) 1918 — Charlotte, N. C.
Philosophy, Education. (Creighton, Ogden) — A.M.

McArthur, James M., B.S. (Kansas State Agr.) 1915 — Stephenville, Texas
Rural Education, Farm Management. (Works, Misner) — M.S.

McClung, John Morton, B.A., (Washington and Lee) 1903, **M.S. in Agr.** (Cornell) 1917
Rural Education, Animal Husbandry, Farm Management. — Rockbridge Baths, Va.
(Works, Savage, Warren) — Ph.D.

McCorkle, Paul, B.A. (Ohio State) 1914 — Ithaca
Physics, Mathematics. (Merritt, Gillespie) — M.S.

McTaggart, Alexander, B.S.A. (Toronto) 1912, **M.S. in Agr.** (Cornell) 1913
Soil Technology, Physical Geography, Farm Crops. — Wellington, New Zealand
(Bizzell, von Engeln, Montgomery) — Ph.D.

Malmud, Rose Susan, B.A. (Cornell) 1920 — Brooklyn
Education, Psychology. (Ogden, Dallenbach) — A.M.

Mank, Edith Webster, B.A. (Mt. Holyoke) 1913 — Lawrence, Mass.
Entomology, Rural Education. (Needham, Works) — A.M.

Mank, Helen Gardner, A.B. (Mt. Holyoke) 1909 — Lawrence, Mass.
Entomology. (Needham, Johannsen) — A.M.

Mantle, Guy, B.S. in Agr. (Oklahoma A. and M.) 1915, **A.B.** (Butler) 1920 — Adair, Okla.
Pomology, Plant Physiology. (Heinicke, Knudson) — M.S. in Agr.

Marx, Milton David, A.B. (Michigan) 1919 — Detroit, Mich.
English Drama, Elizabethan Literature. (Sampson, Adams) — A.M.

Mattli, Anthony Peter, B.S. (Cornell) 1919 — Ithaca
French, Education. (Mason, Ogden) — A.M.

Meacham, Edna, A.B. (Bucknell) 1909 — Reading, Pa.
Experimental Physics, Theoretical Physics. (Gibbs, Murdock) — A.M.

Merrill, Frederic Brettell, B.S. (Cornell) 1919 — Schoharie
Forest Engineering, Silviculture. (Bentley, Spring) — M.F.

Merriman, Paul R., A.B. (Miami) 1903 — Rochester
Morphology, Taxonomy. (Eames, Sharp, Wiegand) — M.S.

Mills, Harold Strycker, B.S. (Cornell) 1917 — Ithaca
Farm Crops, Farm Management. (Thompson, Myers) — M.S. in Agr.

Montgomery, Lois Elizabeth, A.B. (Elmira) 1918 — Warsaw
English Literature, English Language. (Northup, Monroe) — A.M.

Moore, William, A.B. (Ursinus College) 1907 — Phoenixville, Pa.
Economic Entomology, Entomology (Morphology), Systematic Botany. (Herrick, Johannsen, Rowlee) — Ph.D.

Muesebeck, Carl Frederick William, B.S. (Cornell) 1916 — Ithaca
Insect Parasitology, Bacteriology, Systematic Entomology. (Matheson, Moore, Bradley) — Ph.D.

Murphy, Helen Elizabeth, B.S. (Cornell) 1917 — Phoenix
Limnology, Medical Entomology, Comparative Pathology and Bacteriology. (Needham, Johannsen, Goldberg) — Ph.D.

Myers, Charles Emory, B.S. (Penn. State) 1908, **M.S. in Agr.** (Cornell) 1911.
Plant Breeding, Botany, Plant Pathology. — State College, Pa.
(Myers, Love, Sharp, Massey) — Ph.D.

Napier, Frances Ermina, B.A. (Adelphi) 1906 — Montclair, N. J.
Literary Criticism, Philosophy. (Adams, Creighton) — A.M.

Nelson, John Herbert, A.B. (Wofford) 1918 — Philadelphia, Pa.
Economics, English Literature, History. (Davenport, Adams, Hull) — Ph.D.
Nichols, Melvin L., B.Chem. (Cornell) 1918 — Dayton, Ohio
Organic Chemistry, Physical Chemistry, Mechanical Engineering. (Orndorff, Briggs, Smith) — Ph.D.
Noll, Charles F., B.S. (Penn. State) 1906, M.S. in Agr. (Cornell) 1911 — State College, Pa.
Plant Breeding, Botany, Farm Crops. (Love, Massey, Wiggans) — Ph.D.
Norris, Leo Chandler, B.S. (Cornell) 1920 — Hornell
Animal Husbandry, Farm Management. (Maynard, Livermore) — M.S. in Agr.
Norton, Laurence Joseph, B.S. (Cornell) 1917 — Middle Granville
Farm Management, Economic Theory, Rural Economy. (Warren, Davenport, Lauman) — Ph.D.
Noyes, Bradford, jr., B.S. (West Virginia) 1920 — Charleston, W. Va.
Physics, Chemistry. (Merritt, Briggs) — M.S.
Olney, Roy A., B.S. (Cornell) 1915 — Trumansburg
Rural Education, Farm Management. (Works, Livermore, Misner) — M.S.
Owens, George Washington, B.S. (Kansas State Agr.) 1899 — Petersburg, Va.
Rural Education, Rural Organization. (Works, Sanderson) — M.S.
Pepin, Auguste, B.A., B.S.A., (Laval) 1916, 1918 — St. Jean Deschaillons, Que., Canada
Soil Technology, Rural Engineering. (Bizzell, Lyon, Robb) — M.S. in Agr.
Peterson, Guy, B.S. (Iowa) 1918 — Cherokee, Iowa
Farm Management, Economics. (Warren, Davenport) — M.S. in Agr.
Phillips, Harry Ashton, A.B., B.S. in Ed. (Missouri) 1908, A.M. (Cornell) 1919 — Warrensburg, Mo.
Pomology, Rural Education, Meteorology. (Chandler, Lusk, Stewart, Wilson) — Ph.D.
Poritsky, Hillel, A.B. (Cornell) 1920 — Ithaca
Physics, Mathematics. (Merritt, Hurwitz) — A.M.
Porter, Mary Louise, Ph.B. (Chicago) 1913 — Rock Hill, S. C.
English, French. (Northup, Mason) — A.M.
Pratt, Harold A., B.S. (Mass. Agr.) 1917 — Shrewsbury, Mass.
Floriculture, Plant Breeding. (White, Fraser) — M.S.
Queen, Hallie, B.S.A. (Cornell) 1908 — Washington, D. C.
Spanish, French. (Keniston, Mason) — A.M.
Rahn, Marguerite R., A.B. (Ursinus) 1915 — Burlington, N. J.
American History, European History. (Bretz, Becker) — A.M.
Randolph, Lowell Fitz, Ph.B. (Alfred) 1916 — Alfred
Botany, Zoology, Plant Breeding. (Sharp, Reed, Emerson) — Ph.D.
Rebert, Homer Franklin, A.B. (Franklin and Marshall) 1912 — Littletown, Pa.
Latin, Greek. (Durham) — A.M.
Reidy, Margaret Mary, A.B. (Cornell) 1908 — Ithaca
Botany, Entomology. (Wiegand, Needham) — A.M.
Richards, Dorrice Anwyl, A.B. (Cornell) 1920 — Ithaca
English Literature, Philosophy. (Broughton, Thilly) — A.M.
Richards, Howell Hubert, Ph.B. (Yale) 1911 — New Britain, Conn.
English, French. (Cooper, Mason) — A.M.
Richardson, Eulalie A., B.A. (Rochester) 1914 — Rochester
English, Education. (Sampson, Ogden) — A.M.
Risher, Francis Washington, B.S. (Clemson) 1912 — Walterboro, S. C.
Farm Management, Animal Husbandry. (Misner, Harper) — M.S.
Rowan, Sarah F., B.S. (Miss. College for Women) 1912 — Denton, Texas
Rural Education, Rural Sociology. (Works, Sanderson) — A.M.
Rowe, Mildred Eunice, A.B. (Mt. Holyoke) 1915 — Concord, N. H.
Education, Mathematics. (Ogden, Sharpe) — A.M.
Rutland, Jesse Blake, B.S.A. (Alabama Poly. Inst.) 1910 — Hamilton, Ala.
Rural Education, Farm Management. (Works, Misner) — M.S.
Sand, Austin Wertman William, B.S. (Cornell) 1920 — Lockport
Floriculture, Landscape Art. (Beal, Curtis) — M.S.
Schindler, Theresa Elizabeth, B.A. (Mt. Holyoke) 1906, M.S. (Cornell) 1918 — Gloversville
Floriculture, Landscape Art, Genetics. (Lumsden, Curtis, Hutchison) — Ph.D.
Schmidt, Daniel, B.S. (Colgate) 1918 — Freeville
American History, European History. (Bretz, Becker) — A.M.
Scott, Albert Sidney, B.S. and B.S.A. (Alabama Poly. Inst.) 1919 — Five Points, Ala.
Rural Education, Rural Economics. (Works, Misner) — M.S.
Shepard, John Russell, B.S. in Agr. (Nebraska) 1919 — Lincoln, Nebr.
Animal Husbandry, Farm Management. (Harper, Warren) — M.S. in Agr.
Skillman, Willis Rowland, B.S. (Penn. State) 1916 — Philadelphia, Pa.
Rural Vocational Education, Rural Organization. (Works, Sanderson) — M.S.
Smith, Mary Elizabeth, A.B. (Cornell) 1916 — Mahanoy City, Pa.
Latin, Philosophy. (Durham, Creighton) — A.M.
Stafford, Ethelbert Withrow, B.S.A. (Toronto) 1909 — Agricultural College, Miss.
Economic Entomology, Systematic Entomology, Parasitology. (Herrick, Bradley, Hagan) — Ph.D.
Stahl, Matthew G., B.S. in Agr. (Univ. of S. Africa) 1919 — Claremont, S. Africa
Plant Physiology, Farm Crops. (Knudson, Wiggans) — M.S. in Agr.
Stanley, Carrie Ellen, B.A. (Iowa) 1912 — Corning, Iowa
English Literature, English Language, English History. (Cooper, Monroe) — Ph.D.
Thalman, Wellington Albert, A.B. (Ellsworth) 1917 — Radcliffe, Iowa
Education, Psychology. (Ogden, Dallenbach) — A.M.
Tiffany, Ruth Winnureeta, A.B. (Juaniata) 1917 — Huntingdon, Pa.
French, Spanish. (Mason, Sturgis) — A.M.

Townsend, Theodore Horton, B.S. (Cornell) 1917 — Morrisville
Floriculture, Landscape Art. (White, Curtis) — M.S. in Agr.
Turner, James Arthur, B.S. (Clark) 1906 — Baltimore, Md.
Plant Physiology, Soils. (Knudson, Bizzell) — M.S. in Agr.
Turner, Thomas Wyatt, A.B. (Howard Univ.) 1901 — Washington, D. C.
Plant Physiology, Plant Breeding, Plant Pathology. (Knudson, Emerson, Whetzel) — Ph.D.
Vinson, Carl George, B.S. in Agr. (Missouri) 1916 — Carrollton, Mo.
Pomology, Plant Physiology. (Chandler, Curtis) — A.M.
Wakeman, Seth, A.B., M.A. (Hobart) 1916, 1917 — Ithaca
Education, Psychology, Physiology. (Ogden, Weld, Simpson) — Ph.D.
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Farm Crops, Plant Breeding, Plant Physiology. (Wiggans, Montgomery, Hutchison, Knudson, Curtis) — Ph.D.
Wehrle, Lawrence Paul, B.S. (Kansas State Agr.) 1914 — Scranton, Kansas
Economic Entomology, Insect Ecology, Systematic Entomology. (Herrick, Needham, Johannsen) — Ph.D.
Whipple, Isabel Carolyn, A.B. (Barnard College) 1919 — Brooklyn
Literary Criticism, English Drama. (Cooper, Adams) — A.M.
Whitmer, Harriet Mildred, A.B. (Albion College) 1912, M.A. (Ann Arbor) 1917
Zoology, Entomology, Ornithology. — Burr Oak, Mich.
(Reed, Johannsen, Allen) — Ph.D.
Williams, Ethel May, A.B. (Cornell) 1912 — Ithaca
French, Spanish. (Mason) — A.M.
Williams, Ruth Gladys, B.A. (Pomona) 1919 — La Verne, Cal.
Botany, Zoology. (Eames, Wright) — A.M.
Wolff, Irving, B.S. (Dartmouth) 1916 — New York City
Physics, Mathematics. (Merritt, Hurwitz) — A.M.
Young, Ernest Charles, B.S. (Grove City) 1914 — Ithaca
Farm Management, Animal Husbandry, Political Economy. (Warren, Savage, Young) — Ph.D.
Young, Harry Pestana, B.S. (Penn. State) 1913 — Ithaca
Farm Management, Economics, Animal Husbandry. (Warren, Davenport, Savage) — Ph.D.
Young, Paul Rexford, B.S. (Cornell) 1916 — Ithaca
Rural Education, Farm Management. (Works, Misner) — M.S.

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PEARL GERTRUDE SHELDON, Ph.D., Assistant in Geology.
JAMES ARTHUR KENNEDY, A.B., Assistant in Chemistry.
WILLARD RIEHLMAN BARRETT, B.Chem., Assistant in Chemistry.
LOUIS GOTTCHALK, A.M., Assistant in Ancient and Modern European History.
FREDERICK ROBERT LANG, Assistant in Chemistry.
ROY JAMES KENNEDY, Assistant in Physics.
JOHN LEVENUS BUYS, M.S., Assistant in Entomology.
HOMER GUY BISHOP, Ph.D., Assistant in Psychology.
ALDEN HOWARD MOODY, B.S., Assistant in Chemistry.
ROBERT BRAINARD COREY, B.Chem., Assistant in Chemistry.
HOWARD BERNHARDT ADELMANN, Assistant in Histology and Embryology.
WILLIAM LEROY LIPPINCOTT, B.Chem., Assistant in Chemistry.
LUTHER CAMPBELL LINDSLEY, B.A., Assistant in Chemistry.
REGINALD COOKE, Ph.D., Assistant in Phi'osophy.
DAVID LOUIS ULLMAN, A.B., Assistant in Philosophy.
MYRON EDWARD STECZYNSKI, Assistant in Physics.
DONALD MACLEAN PURDY, A.B., Assistant in Physics.
ALVIN CANFIELD PURDY, Assistant in Chemistry.
GODFREY MORGAN, jr., Assistant in Physics.
BENJAMIN F. LEWIS, Assistant in Physics.
ROBERT CHARLES KENNEDY, Assistant in Physics.
HARVEY THOMAS KENNEDY, Assistant in Physics.
MERTON W. JONES, Assistant in Physics.
RAYMOND OWEN HITCHCOCK, A.B., Assistant in Anatomy.
ANDREW JOSEPH HEMMER, A.B., Assistant in Chemistry.
GUSSIE ESTHER GASKILL, A.M., Reader in English History.
CHARLES HARVEY CHURCHILL, Assistant in Physics.
VERNON HIGGS SCHNEE, Assistant in Chemistry.
DOROTHY MARGARET HARRIS, B.A., Assistant in Geology.
JAMES DODDS CURPHEY, Assistant in Chemistry.
RUTH ANITA ST. JOHN, Assistant in Geology.
LESLIE RICHARDS SEVERINGHAUS, Assistant in Physics.
ANDREW JAMES RONALD HELPS, Assistant in Chemistry.
OTTO ART DEARTH, B.S., Assistant in Histology and Embryology.
PAUL GAMBER CULLEY, Assistant in Physics.
ELEANOR BOUDIN, Reading Assistant in Economics.
WILLIAM BROOKE GRAVES, Assistant in American History.
HERBERT KAHLER, B.S., Assistant in Physics.
BRADFORD NOYES, Assistant in Physics.
EARL CHARLES VEDDER, A.B., Assistant in Political Science.
CLARK ABRAM WARBURTON, Reading Assistant in Economics.
IRVING HENRY WARSHOW, Reading Assistant in Economics.
ROBERT DANIEL HARWOOD, B.A., Assistant in Biology.

SAMUEL HOPKINS BASSETT, A.B., Assistant in Anatomy.
EVELYN HOLT, A.B., Assistant in Anatomy.
DELBERT ERNEST KEENAN, Reading Assistant in the Romance Languages.
GLENN RAYMOND MORROW, M.A., Assistant in Philosophy.
EDGAR HEISLER RILEY, A.B., Assistant in Medieval History.
ROSS MILTON BABBITT, B.S., Assistant in Chemistry.
CHARLES HENRY JOHNSON, A.B., Assistant in Chemistry.
JOHN MICHAEL MCNALLEY, A.C., 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.
AUGUSTYN THEODORE RYNALSKI, Assistant in Chemistry.
JAMES RICHARD ADAMS, Assistant in Chemistry.
SAMUEL FELDMAN, Assistant in Psychology.
CLEMENT LEROUX GRIFFIN, B.Chem., Assistant in Chemistry.
FRANK DOWDEN GUNN, Assistant in Histology.
HOWARD LEWIS HARRINGTON, Assistant in Physics.
WALTER SCOTT HOLZBERGER, Assistant in Chemistry.
KARL GILBERT KRECH, Assistant in Chemistry.
DANIEL CURTIS LINDSAY, Assistant in Physics.
CHARLES WALTER MORSE, Assistant in Chemistry.
RICHARD KENDRICK PARSELL, Assistant in Chemistry.
ARTHUR GEORGE PELLMAN, Reading Assistant in Economics.
DOROTHY SEWELL, A.B., Assistant in Histology.
WARREN MYRON SPERRY, Assistant in Chemistry.
KATHARINA MARJORIE TRESSLER, A.B., Assistant in Chemistry.
RICHARD SHEPARD VOSE, B.Sc., Assistant in Chemistry.
JAMES WALDO WILBUR, Assistant in Physics.
HILTON GERARD WOOD, Assistant in Chemistry.
HYMAN ADELSBERG, Reading Assistant in Economics.
HUGH KERR AIKEN, jr., B.S., Assistant in Chemistry.
GEORGE GORDON ANDREWS, A.M., Assistant in English History.
HAROLD BALLOU, Assistant in the Romance Languages and Literatures.
CHARLES FERNANDO BASSETT, Assistant in Physical Geography.
JOSEPH KYLE DEWAR, Assistant in Psychology.
KATHERINE E. HILTON, B.S., Assistant in Paleontology.
HAROLD HUME, A.B., Assistant and Reader in English History.
LOUISA EDWINA KEASBEY, A.M., Assistant in Physiology.
GEORGE STERLING LEE, jr., Assistant in Physical Geography.
GERALD RALEIGH MCCARTHY, Assistant in Geology.
JOHN MACLEOD MOORE, Assistant in Chemistry.
WILLIAM HENRY ROMETSCH, jr., Assistant in Chemistry.
HENRY G. RUPPEL, Assistant in Chemistry.
FREDERICK THEODORE SCHNATZ, Assistant in Zoology.
LESLIE RICHARD SEVERINGHAUS, Assistant in Physics.
RALPH HARRY SMITH, Assistant in Ancient History.
RAYMOND EINNON THOMAS, Assistant in Mineralogy.
MARCEL HARTWIG KESSEL, Assistant in English.
FREDERICK HENRY LAPE, Assistant in English.
EGBERT WENDELL CARRIER, Assistant in Chemistry.
ROBERT C. HOUCK, Assistant in Chemistry.
JAMES VEGHTE VOORHEES, Assistant in Chemistry.
FRED WILLIAM WARBURTON, Assistant in Physics.

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

1. **Requirements for Graduation.**
   - a. Residence for eight terms as defined and provided for in paragraphs 2–6.
   - b. 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.
   - c. A grade of C or better in at least sixty of the required one hundred and twenty hours. A, B, C, D are passing grades; E represents a condition; F a failure.
   - d. Election of courses in accordance with the provisions of paragraphs 8–15 (Choice of Studies).
   - e. Completion of the work in Hygiene and Preventive Medicine and in Military Drill or in Physical Training prescribed by the University Faculty. (See p. 199.)
2. **Credit for Terms of Residence.**
   - a. **During the Academic Year.** To secure credit for a term of residence a student must complete during that term at least twelve hours of the work for which he has registered.
     - i. If, as a result of ill health or other causes beyond his control, a student fails to pass twelve hours in a term, the term's residence may be completed either by attendance at a summer session or by examination or by both as the Faculty may determine, but no credit for courses elected in any other term may be used to complete the necessary twelve hours.
     - ii. When failure to pass twelve hours is due to other causes than those just specified, all credit for the term in residence and in hours is cancelled and the student may resume his work in the College only under such conditions and at such times as the Faculty may designate. A freshman, however, who, at the end of his first term, has failed to pass twelve hours of work, but who nevertheless is permitted to continue in the College, may be allowed until the beginning of his fourth term to make up deficiencies in courses for which he was registered during the first term whenever such deficiencies may, under the rules of the College, be made up.
     - iii. A student's general record may be so unsatisfactory that the Faculty will refuse him permission to continue in the College even though residence credit for the preceding term may have been established.
   - b. **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.
   - c. **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 ad-

vance 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, between the limits of five and eight hours inclusive. To obtain credit for a term of residence, he must pass a total of at least twelve hours in two or more summer sessions, at least five in each without condition. Credit for two terms of residence, but no more, may be secured in this way.

No credit in hours or residence will be allowed a student not passing at least five hours, except that for a course in a foreign language meeting ten periods a week a student may obtain credit for four hours, which he may combine with eight hours secured in another summer session to obtain credit for a term of residence.

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 b above.

3. **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.

4. **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.

5. **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 2b) 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.

6. **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.

7. **Removal of Marks of Conditioned, Incomplete, and Absent.** 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.

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

Choice of Studies

8. **At least Twelve Hours of Work.** A student must register in each term for at least twelve hours of work. No student may register for more than twenty hours in any term except by permission of the Dean. For registration in a course not in the College of Arts and Sciences the permission of the college or of the professor concerned must be secured. (See also paragraph 11b.)

9. **Under-class 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.

10. **Under-class 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 2b may not be applied in satisfaction of any of these under-class requirements.

These requirements must be completed before a student may begin counting hours in an upper-class group. (See paragraph 12.)

11. **Courses Open to Freshmen.**

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

1. 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),

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

Bibliography 1, 2
Biology 1
Botany 1, 2, 3
Chemistry 1, 6, 7, 85
English 1
Entomology 4, 5
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
Italian 1, 2
Latin A, B, 1, 1a, 3
Mathematics 1, 2, 2E, 3, 6 (2), 7 (1), 7 (2), 15
Music 1, by examination, (see p. 102)
Natural History 60
Physics 2, 3, 4a, 4b, 7, 10.
Physiology 3, 6
Spanish 1, 2, 3, 4a, 4b, 5a, 5b
Zoology 1, 5, 6, 12..

b. Subject to the permission mentioned in paragraph 8, 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.

c. 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 a and b.

12. **Upper-class Groups and Advisers.** Each student shall choose at the beginning of his junior year one of the following groups:

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

In the group selected he must complete during his junior and his senior year at least twenty hours of work, but courses marked with an asterisk (*) may not be counted toward this requirement. 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. With the sanction of his adviser and of the Dean, the student may choose, instead of one of the upper-class groups listed above, 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 5).

13. **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.

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

15. **Changes in List of Courses.** 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.

BACHELOR OF ARTS WITH HONORS

1. Any department, or group of departments, in the College of Arts and Sciences may recommend that the degree of Bachelor of Arts with Honors in a particular subject or group of subjects shall be awarded to a student who, in addition to complying with the ordinary requirements for the degree, has satisfied such additional requirements as the department or group of departments concerned may set.

2. Any depa tment or group of departments may admit to candidacy for Honors a student who has completed four terms of residence, at least half of whose work is above C, and who has received no more than one term mark below C during his second year of residence. Further prerequisites may be set by the departments or groups of d partments concerned. A s udent 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.

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

4. Each department or group of departments that desires to enroll students as candidates for Honors shall submit its proposed requirements to the approval of the Committee on Educational Policy. These requirements may include such items as a minimum amount of work of specified grade in the special subject, general reading in the field of that subject, knowledge of auxiliary subjects, ability to make use of one or more foreign languages, a thesis, and a special examination.

THE DEGREE OF BACHELOR OF CHEMISTRY

The requirements for the degree of Bachelor of Chemistry are residence for eight terms and the completion of the following curriculum. In addition to these requirements the work prescribed by the University in Hygiene and Preventive Medicine and Military Drill or in Physical Training must be completed.

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.

First Year		No. of Course	First Term	Second Term
Introductory Inorganic Chemistry	Chemistry	1	6	–
Qualitative Analysis	Chemistry	7	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	12	0 or 6	6 or 0
Organic Chemistry	Chemistry	30	6	6
Gas Analysis	Chemistry	19 & 20	4 or 0	0 or 4
Heat and Light	Physics	8c	2	–
Physical Experiments	Physics	14	–	2
Crystallography	Geology	12	0 or 3	3 or 0
Elementary Chemical Spectroscopy	Chemistry	24	3 or 0	0 or 3
Elective			–	3
Third Year				
Introductory Physical Chemistry	Chemistry	50	3	3
Physical Chemistry Laboratory	Chemistry	51	3	3
Chemical Microscopy	Chemistry	65	0 or 2	2 or 0
Quantitative Analysis, Lectures	Chemistry	15	–	2
Advanced Quantitative Analysis	Chemistry	14	2	2
General Physics	Physics	9c	2	–
Physical Experiments	Physics	14	2	–
Mechanics	Sibley College	M5	5	–
Mechanical Laboratory	Sibley College	X12	–	4
Elective		–	–	3

Students that wish to register in the junior year for a greater number of elective hours than the schedule demands may, with the approval of the Department, be permitted to defer taking some of the required courses of the junior year.

Fourth Year					
Electrical Engineering Laboratory	Sibley College	E12		4	–
Seminary	Chemistry	95		–	1
Research	Chemistry	96	(at least)	4	4
Electives			(at least)	5	5

In choosing his elective subjects in the senior year the student is advised to select as his special field some one of the following seven divisions of chemistry, inorganic chemistry, analytical chemistry, organic chemistry, physical chemistry: chemical microscopy, sanitary chemistry, agricultural chemistry. While the greater part of the elective work should lie in the field thus chosen, the remainder may comprise courses in any division of chemistry, or such other courses as may be approved by the Department of Chemistry.

The provisions of paragraphs 2aiii, 2b, 2c, 3, 4, 12, 13, 14, and 15 relating to the degree of Bachelor of Arts apply in general to candidates for the degree of Bachelor of Chemistry. A candidate for the latter degree may register for twenty hours a term. To register for more than twenty hours in any term he must secure the approval of the Department of Chemistry.

COURSES OF INSTRUCTION

ANATOMY

*21. **Elementary Human Anatomy.** First term. Credit three hours. Professor KERR.

22. **Anatomical Methods.** First term.* Credit three hours. Prerequisite, Zoology 1. Professor KERR 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. Professor NEEDHAM, Assistant Professor CLAASSEN, Dr. HAUSMAN, and assistants.

BOTANY

1. **Evolution of Plants.** First term. Credit three hours. Professor ROWLEE.

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

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

4. **Systematic Botany.** Throughout the year. Credit three hours a term. Prerequisite, course 1 or 3. Professor ROWLEE.] Not given in 1920–1921.

8a. **Plant Cytology.** First term. Credit three hours. Prerequisite, courses 1 and 2. Professor ROWLEE and Mr. DUNLAP.

8b. **Comparative Histology of Plants.** Second term. Credit three hours. Prerequisite, course 8a. Professor ROWLEE and Mr. DUNLAP.

9a. **Dendrology.** First term. Credit four hours. Professor ROWLEE.

9b. **Xylology.** Second term. Credit four hours. Courses 8b and 9a may advantageously precede this course. Professor ROWLEE.

10. **Comparative Morphology and Embryology.** Second term. Credit three hours. Prerequisite, courses 1 and 2 or 3.

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

17. **Research Problems.** Professor ROWLEE and Mr. DUNLAP.

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 and Mr. DUNLAP.

CHEMISTRY

INTRODUCTORY ORGANIC CHEMISTRY

*1. **Introductory Organic Chemistry.** Repeated in second term. Credit six hours.

1a. Lectures. Professor BROWNE.

1b. Recitations and laboratory. Mr. MCKINNEY and Messrs. LINDSLEY, COREY, LANG and HELPS.

ANALYTICAL CHEMISTRY

6. **Qualitative and Quantitative Analysis.** Repeated in second term. Credit five hours. Prerequisite, course 1. Mr. RIDER and Messrs. BARRETT, HARTT, and LIPPINCOTT.

7. **Qualitative Analysis.** Repeated in second term. Credit six hours. Prerequisite, course 1. Mr. RIDER and Mr. LIPPINCOTT.

[9. **Advanced Qualitative Analysis.** Repeated in second term. Credit one, two, or three hours. Prerequisite, courses 7, 12, and 30. Mr. RIDER.]

Essentially a continuation of course 7. For graduates and advanced undergraduates. Not given in *1920–1921*.

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*May not be counted for upperclass group.

12. **Quantitative Analysis, Elementary Course.** Repeated in second term. Credit six hours. Prerequisite, course 6 (or preferably 7). Mr. NICHOLS and Messrs. BRANDES, MOODY, and CURPHEY.

14. **Quantitative Analysis, Advanced Course.** Repeated in second term. Credit two to four hours. Prerequisite, course 6 (or 7 and 12). Mr. NICHOLS and Messrs. BRANDES, MOODY, and CURPHEY.

15. **Quantitative Analysis, Advanced Lectures.** Second term. Credit two hours. Prerequisite, course 50 (first term). Mr. NICHOLS.

16. **Electrochemical Analysis.** Repeated in second term. Credit one to two hours. Prerequisite, course 12. Mr. NICHOLS and Mr. BRANDES.

18. **Assaying.** First term. Credit three hours. Prerequisite, course 6 (or 7 and 12) and if possible a course in mineralogy. Mr. NICHOLS and Mr. BRANDES.

19. **Qualitative and Quantitative Gas Analysis.** Repeated second term. Credit two hours. Prerequisite, course 6 (or 7) and Physics 2. Course 19 should be preceded or accompanied by course 12. Mr. NICHOLS.

20. **Technical Gas Analysis.** Repeated second term. Credit two hours. Open to those who are taking or have taken course 19. Mr. NICHOLS and Mr. SCHNEE.

[21. **Gas Analysis, Advanced Course.** Second term. Credit one or more hours. Prerequisite, courses 19 and 20. Mr. NICHOLS.] Not given in 1920–1921.

24. **Elementary Chemical Spectroscopy.** Repeated second term. Credit three hours. Prerequisite, course 6 (or 7 and 12), and Physics 2. Open only to those who are taking or have taken Physics 8c. Mr. PAPISH and assistants.

25. **Advanced Chemical Spectroscopy.** First term. Credit two or more hours. Prerequisite, course 24. Mr. PAPISH and assistants.

26. **Chemical Polarimetry and Refractometry.** Second term. Credit two or more hours. Prerequisite, course 24. Mr. PAPISH and assistants.

27. **Spectrographic Methods.** Either term. Credit one or more hours. Prerequisite, course 24. It is advisable that this course be preceded by Physics 18. Mr. PAPISH.

ORGANIC CHEMISTRY

30. **Organic Chemistry.** Throughout the year. Credit six hours a term. Prerequisite, course 6 (or 7 and 12). Open to those who are taking course 12. Professor ORNDORFF and Messrs. CORNWELL, HEMMER, and PURDY.

31. **Organic Chemistry.** Throughout the year. Credit three hours a term. Prerequisite, course 6 (or 7 and 12). Open to those who are taking course 12. Professor ORNDORFF.

32. **Elementary Organic Chemistry.** First term. Credit: with laboratory, six hours; lectures and recitations only, four hours. Prerequisite, course 6 (or 7 and 12). Open to those who are taking course 12. Messrs. CORNWELL, HEMMER, and PURDY.

33. **Special Chapters in Organic Chemistry.** Throughout the year. Credit two hours a term. Prerequisite, course 30. Professor ORNDORFF.

34. **Advanced Organic Chemistry.** Throughout the year. Credit two to six hours a term. Open to those who have had or are taking course 33. Professor ORNDORFF and Mr. CORNWELL.

35. **The Coal Tar Dyestuffs.** First term. Credit one hour. Open to those who have had course 30 and have had or are taking course 33. Professor ORNDORFF.

36. **Stereochemistry.** Second term. Credit one hour. Prerequisite, course 30 or 31. Professor ORNDORFF.

37. **Methods of Organic Analysis.** Throughout the year. Credit two to six hours a term. Prerequisite, course 30. Professor ORNDORFF.

38. **The Coal Tar Dyestuffs.** Throughout the year. Credit two to four hours a term. Open to those who have had or are taking course 33. Professor ORNDORFF.

INORGANIC CHEMISTRY

46. **Advanced Inorganic Chemistry.** Throughout the year. Credit two hours a term. Prerequisite, course 30, and open to those who have completed or are taking courses 50 and 51. Professor DENNIS and assistant.

47. **Advanced Inorganic Chemistry.** Either term. Credit two, three or four hours. Prerequisite, course 30. Professors DENNIS and BROWNE, Mr. PAPISH, and assistant.

48. **Selected Topics in Advanced Inorganic Chemistry.** Throughout the year. Credit two hours a term. Prerequisite, course 30. Courses 50 and 51 should precede or accompany this course. Professor BROWNE.

49. **Chemistry of Gases.** First term. Credit one hour. Prerequisite, course 6 (or 7 and 12), and should be preceded or accompanied by 19 and 20.

PHYSICAL CHEMISTRY

50. **Introductory Physical Chemistry.** Throughout the year. Credit three hours a term. Prerequisite, course 30 or 32, and Physics 2 and 8c. Assistant Professor BRIGGS and assistants.

51. **Physical Chemistry Laboratory.** Throughout the year. Credit three hours a term. Open only to those who have taken or are taking course 50. Assistant Professor BRIGGS and assistants.

52. **Advanced Physical Chemistry.** Lectures. Throughout the year. Credit three hours a term. Prerequisite, course 50. Professor BANCROFT.

53. **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 50; to others only by special permission.

[55. **Theoretical Electrochemistry.** Throughout the year. Credit three hours a term.] Not given in 1920–1921.

56a. **Applied Electrochemistry.** Throughout the year. Credit two hours a term. Prerequisite, course 50. Assistant Professor BRIGGS.

56b. **Applied Electrochemistry.** Throughout the year. Credit two hours a term. Open to those who have taken courses 50 and 51, and have taken or are taking course 56a. Assistant Professor BRIGGS.

57. **Advanced Laboratory Practice.** Either term or throughout the year. Credit up to six hours a term. Prerequisite courses determined in each case by the professor in charge. Professor BANCROFT, Assistant Professor BRIGGS, and assistants.

CHEMICAL MICROSCOPY

65. **Elementary Chemical Microscopy.** Repeated second term. Credit two hours. Prerequisite, course 6 (or 7 and 12), Professor CHAMOT.

66. **Advanced Chemical Microscopy.** Repeated second term. Credit two or three hours. Prerequisite, course 65. Professor CHAMOT.

[66a. **Advanced Chemical Microscopy.** Repeated second term. Credit two hours. Prerequisite, course 65. Professor CHAMOT.] Not given in 1920–1921.

67. **Microscopy of Commercial Alloys.** Second term. Credit two or three hours. Prerequisite, course 65. Professor CHAMOT.

68. **Microscopy of Foods and Beverages.** First term. Credit two hours. Prerequisite, course 65. Professor CHAMOT.

SANITARY CHEMISTRY

70. **Elementary Sanitary Chemistry.** First term. Credit four hours. Prerequisite, course 30 or 32. Mr. GEORGIA and Mr. KENNEDY.

71. **Elementary Sanitary Chemistry.** Second term. Credit four hours. Prerequisite, course 30 or 32. Mr. GEORGIA and Mr. KENNEDY.

72. **Chemistry of Foods and Food Products.** Second term. Credit two hours. Prerequisite, course 30 or 32. Professor CAVANAUGH.

75. **Advanced Sanitary Chemistry.** First term. Credit two hours. Prerequisite, course 71. Mr. GEORGIA.

76. **Special Topics in Sanitary Chemistry.** Second term. Credit two hours. Prerequisite, course 30 or 32. Mr. GEORGIA.

78. **Advanced Sanitary Chemistry.** Either term. Credit two or more hours. Prerequisite, course 70 or 71, both lectures and laboratory. Mr. GEORGIA and Mr. KENNEDY.

AGRICULTURAL CHEMISTRY

NOTE: For courses in Agricultural Chemistry, see p. 145.

SEMINARY

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

RESEARCH

96. **Research for Undergraduate Students.** Throughout the year.
Seniors who are candidates for the degree of Bachelor of Chemistry are required to elect four hours a term in research under the direction of some member of the staff of instruction.

ECONOMICS

*51. **Elementary Economics.** Throughout the year. Credit three hours a term. Acting Professor GOODHUE and instructors.

*52. **Elements of Economics.** Throughout the year. Credit two hours a term.
A special course for students in Engineering.

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

55b. **Elementary Social Science.** Second term. Credit three hours. Course 51 should precede or be taken with this course. Professor WILLCOX. Open to all who have taken at least one term of course 51.

58a. **Elements of Accounting.** Repeated in second term. Credit three hours. Prerequisite, course 51 or its equivalent. Professor ENGLISH.

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*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. Professor ENGLISH.

62. **Industrial Organization.** First term. Credit two hours. Prerequisite, courses 51 and 58a; or 58a may be taken at the same time. Professor KIMBALL. For seniors and graduates; others by permission. (See I 12, Sibley College).

63a. **Corporation Finance.** First term. Credit three hours. Prerequisite, course 51.

63b. **Monopoly and Competition.** Second term. Credit three hours. Prerequisite, course 51.

64. **Money and Banking.** Throughout the year. Credit three hours a term. Prerequisite, course 51.

66. **Labor Problems.** First term. Credit three hours. Prerequisite, course 51 or 52.

70. **Public Finance.** Second term. Credit three hours. Prerequisite, course 51 or 52.

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.** First term. Credit four hours. Professor DAVENPORT.

Primarily for students majoring in economics who have had, preferably, one to two years of work in advance of 51; or for mature or graduate students desiring an introductory course more searching and difficult than 51.

87. **Public Revenues.** Second term. Credit three hours. Primarily for advanced students. Professor DAVENPORT.

88. **Value and Distribution.** Throughout the year. Credit three hours a term. Professor DAVENPORT.

91. **Demography of the United States.** Throughout the year. Credit two hours a term. Prerequisite, course 51a and 76a or their equivalents. Professor WILLCOX.

92. **Research in Finance.** Throughout the year. Credit two or three hours a term.

93. **Research in Accounting.** Throughout the year. Credit two or three hours a term. Professor ENGLISH.

Rural Economy. (See Rural Economy 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. For seniors only]. Not given in 1920–1921.

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 Tests.** First term. Credit two 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.] Not given in 1920–1921.

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, Education 1. Primarily for graduate students.

ENGLISH

Course 1 is for freshmen; courses 20, 22, 71, and 74 are primarily for sophomores.

*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

*May not be counted for upperclass group.

them. Open only to underclassmen who have satisfied the entrance requirement in English. Assistant Professor SMITH, Messrs. HEBEL, KIRK, BALDWIN, FISKE, LONG, MANNING SMITH, HOTCHKISS, SANDERS, MARX, and NELSON.

[3. **English Literature.** For freshmen in Arts and Sciences.] Not given in 1920–1921.

5. **Short Story Writing.** Throughout the year. Credit three hours a term. Open to upperclassmen after consultation with the instructor. Intended especially for students who are looking forward to writing as a profession. Assistant Professor SMITH.

8. **English Usage and Style.** Throughout the year. Credit three hours a term. Prerequisite, course 20 or its equivalent. The instructor's permission must be obtained before enrollment in the course. Professor STRUNK.

9. **Teachers' Course.** Second term. Credit two hours. Professor NORTHUP.

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.

15. **The English Language.** Throughout the year. Credit one hour a term. Open to graduates and to seniors who are preparing to teach English. Assistant Professor MONROE. This course may serviceably supplement course 9.

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

*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. Professors SAMPSON and STRUNK, and Assistant Professor BROUGHTON.

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

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, Professor PRESCOTT; second 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. Professor ADAMS.

42. **Elizabethan Prose.** First term. Credit three hours. Open to upperclassmen only. Professor ADAMS.

43. **Elizabethan Poetry.** Second term. Credit three hours. Open to upperclassmen only. Prerequisite, course 42. Professor ADAMS.

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

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

47. **The Art of Poetry.** Throughout the year. Credit two hours. Open to upperclassmen only. 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. Professor PRESCOTT.

49. **Pastoral Poetry.** Throughout the year. Credit two hours a term. Open to upperclassmen and graduates. Assistant Professor BROUGHTON.

50. **Milton.** Throughout the year. Credit two hours a term. Open to upperclassmen. Mr. HEBEL.

52. **Victorian Literature.** Throughout the year. 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.

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

56b. **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.

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*May not be counted for upperclass group.

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.] Not given in 1920–1921. To be given in 1921–1922.

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.

76. **Chaucer.** Throughout the year. Credit two hours a term. Open to graduates. Professor COOPER.

80. **Wordsworth and his Contemporaries.** Open to seniors and graduates. Assistant Professor BROUGHTON.

81. **The Tudor-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.

87. **The Phonology, Inflections, and Meter of Old English.** For graduates only. Professor STRUNK.

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. 148.

GEOLOGY

GENERAL GEOLOGY

*1. **Elementary Geology.** Repeated in second term. Credit three hours. Professor RIES and Mr. LOUNSBERY.

1a. **Dynamic and Structural Geology.** Second term. Credit two 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. LOUNSBERY.

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. Assistant Professor VON ENGELN.

[4. **Geography of Europe.** Alternates with course 3.] Not given in 1920–1921.

5. **Glaciers and Glaciation.** Second term. Credit three hours. Prerequisite, course 2 or, with permission, course 1. Assistant Professor VON ENGELN.

6. **Commercial Geography.** First term. Credit two hours. Assistant Professor VON ENGELN.

7. **Map Interpretation.** Second term. Credit one hour. Prerequisite, Geology 1 or 2, or, by special permission, their equivalent.

8. **Advanced Physiography, Experimental and Research Work.** Throughout the year. Credit, variable. Assistant Professor VON ENGELN. Registration only by permission.

9. **Seminary.** Throughout the year. Credit two hours a term. For upperclassmen and graduate students with requisite preparation. Registration only by permission. Assistant Professor VON ENGELN.

Meteorology and Climatology. (See p. 155.)

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. BOWEN.

12. **Crystallography.** Repeated in second term. Credit three hours. If taken after course 11, credit two hours. Prerequisite, Chemistry 6 or 7, and Physics 1. Professor GILL and Mr. BOWEN.

13. **Mineralogy.** Second term. Credit three hours; if taken after course 11, credit two hours. Prerequisite, course 12. Professor GILL.

*May not be counted for upperclass group.

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. BOWEN.

16. **Crystal Measurement and Drawing.** Second term. Credit two hours. Prerequisite, course 12. Professor GILL. Course 16 should be taken by students who intend to continue in course 17 or in course 20.

17. **Optical Determination of Minerals.** First term. Credit three hours. Prerequisite, course 13. Professor GILL.

18. **Petrography.** Second term. Credit three hours. 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.** First 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.

ECONOMIC GEOLOGY

*31. **Engineering Geology.** Throughout the year. Credit three hours a term. Professor RIES.

32. **General Economic Geology.** Throughout the year. Credit three hours a term. First term, prerequisite, course 1 or its 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. Credit three hours. Prerequisite courses dependent on the nature of the work. Professor RIES.

37. **Seminary in Economic Geology.** Throughout the year. Credit two hours a term. Prerequisite, course 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.

This course is equivalent to first year and second year German of the entrance requirements (credit two units). It may be elected for three hours' credit by students who have entrance credit for only one unit of German (first year German).

*1a. **Course for Beginners: Oral Training, Grammar, Composition, Translation.** Throughout the year. Credit three hours a term. Assistant Professor ANDREWS.

This course is equivalent to first year and second year German of the entrance requirements (credit two units). It may be elected in the second term by students who have had first year German (one unit).

*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). First term, Professor FAUST; second term, Professor ANDREWS.

*3a. **Oral Training, Grammar, Composition, Translation.** Throughout the year. Credit three hours a term. Assistant Professor ANDREWS.

This course is equivalent to third year German of the entrance requirements.

*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. It is advisable to combine course 4 with course 3 or 5.

*5. **Intermediate German Course.** Throughout the year. Credit three hours a term. Prerequisite, course 3, or its equivalent. First term, Professor ANDREWS; second term, Professor BOESCHE.

Course 4 may be combined with course 5.

*8. **Scientific German.** Second term. Credit three hours. Prerequisite, courses 1–3 or three years of German in High School. Professor BOESCHE.

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*May not be counted for upperclass group.

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 I and selected portions of part II. Second term. Credit three hours. Primarily for juniors and seniors. Prerequisite, courses 1–5 or the equivalent. Professor POPE.

15. **History of German Literature.** First term. Credit three hours. Prerequisite, courses 1–5 or the equivalent. Professor FAUST.

[16. **Contemporary German Literature.** Throughout the year. Credit three hours a term. Prerequisite, courses 1–5 or the equivalent. Professor FAUST]. Not given in 1920–1921.

[17. **The German Drama of the Nineteenth Century.** First term. Credit three hours a term. Prerequisite, courses 1–5 or the equivalent.] Not given in 1920–1921.

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.** First 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.] Not given in 1920–1921.

43. **Old High German.** First term. Credit three hours. Prerequisite, course 37. Professor BOESCHE. Primarily for graduates.

[48. **Principles of Germanic Philology.** Second term. Credit two hours. Prerequisite, course 42. Assistant Professor ANDREWS.] Not given in 1920–1921.

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 1920–1921.

[52. **Seminary in German Philology.** Second term. Credit two hours. Professor BOESCHE. Primarily for graduates.] Not given in 1920–1921.

GOVERNMENT AND PUBLIC LAW

*1. **Political Institutions.** First term. Credit three hours. Professor ORTH and Assistant Professor SABY.

*2. **Comparative Politics.** Second term. Credit three hours. Professor ORTH and Assistant Professor SABY.

3. **Municipal Administration.** First term. Credit three hours. Open to upperclassmen. Assistant Professor SABY.

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.

[6. **The American Party System.** First term. Credit two hours. Prerequisite, course 1. Professor ORTH.] Not given in 1920–1921.

[7. **Constitutional Government.** Second term. Credit three hours. Prerequisite, course 1. Professor ORTH.] Not given in 1920–1921.

8. **History of Political Thought.** First term. Credit three hours. Assistant Professor SABY. For advanced students in Political Science.

9. **Modern Political Thought.** Second term. Credit three hours. Assistant Professor SABY. For advanced students in Political Science.

10. **The Nature of the State.** Second term. Credit two hours. Assistant Professor SABY. For advanced students in Political Science.

[11. **International Law and Diplomacy.** First term. Credit three hours. Open to upperclassmen in Arts and Sciences, to students in Law, and to approved upperclassmen in other colleges.] Not given in 1920–1921.

*21. **Elements of Business Law.** First term. Credit two hours. Professor ORTH. Open to upperclassmen in all colleges except Law.

*22. **Government Control of Industry.** Second term. Credit three hours. Prerequisite, course 21. Professor ORTH.

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*May not be counted for upperclass group.

Courses 21 and 22 are designed primarily to meet the needs of students who contemplate entering business and not the profession of law, and credit for these courses will not be given to law students.

31. **Research in Politics.** Throughout the year. Credit one to three hours a term. Professor ORTH.

32. **Seminary in Political Science and Public Law.** Throughout the year. Credit two hours a term. Professor ORTH.

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. Professors BRISTOL and JONES.

3. **Euripides, Sophocles.** 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. Prerequisite, course 1 or its equivalent.

[6.] **Herodotus.** First term. Credit two or three hours. Professor BRISTOL.] Not given in 1920–1921.

[*7. **Myths of the Epic Cycle.** Second term. Credit two hours. Professor JONES.] Not given in 1920–1921.

9. **Dramatic Poetry.** Second term. Credit two hours. Professor JONES.

[10. **Lyric Poetry.**] Not given in 1920–1921.

11. **Aristophanes.** Second term. Credit two hours. Professor JONES.

12. **The Republic of Plato.** Throughout the year. Credit three hours a term. Professor HAMMOND.

[15.] **Thucydides.** First term. Credit two hours. Professor BRISTOL.] Not given in 1920–1921.

20. **Greek Seminary.** Throughout the year. Credit three hours a term. Professor BRISTOL. For graduates, and, by special permission, qualified seniors.

[21. **Introduction to the Study of Languages.** First term. Credit two hours. Professor BRISTOL.] Not given in 1920–1921.

GREEK ART AND ANTIQUITIES

Courses 1, 2, 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.

Intended to be supplemented by course 3, but may be taken separately. Not open to students who have had course 2.

2. **History of Greek Sculpture.** Throughout the year. Credit two hours a term. Professor ANDREWS. May not be entered in the second term. Not open to students who have had course 1.

3. **Greek Antiquities.** Repeated in second term. Credit three hours. Professor ANDREWS. Intended to be taken with course 1, but may be taken separately.

4a. **Greek Pottery.** First term. Credit two hours. Professor ANDREWS. Preferably to follow course 3.

4b. **Greek Architecture.** Second term. Credit two hours. Professor ANDREWS. Preferably to follow course 3.

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. A continuation of course 1.

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*May not be counted for upperclass group.

3. **Special Histology and Technique.** First term. Credit two hours. Prerequisite, courses 1 and 2, or 1 and 4, or the equivalent.

4. **Embryology of Vertebrates.** Second term. Credit four hours. Prerequisite, course 1 or the equivalent. Professor KINGSBURY.

5. **The Nervous System and Organs of Special Sense: Histology and Development.** Second term. Credit two hours. Prerequisite, course 1 or the equivalent. Professor KINGSBURY.

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.

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. **Greek History.** First term. Credit three hours, upperclassmen two hours only. Professor WESTERMANN.

*2. **Roman History.** Second term. Credit three hours, upperclassmen two hours only. Professor WESTERMANN.

3. **Greek Civilization.** First term. Credit two hours. Professor WESTERMANN. Open to upperclassmen and graduates.

*4. **Hellenistic-Roman Civilization.** Second term. Credit two hours. Professor WESTERMANN. Open to upperclassmen and graduates.

8 **Seminary in Ancient History.** Throughout the year. Credit two hours a term. Professor WESTERMANN. Open to graduates, and to seniors by special permission.

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. **Life in the Thirteenth Century.** First term. Credit one hour. Professor BURR. A reading knowledge of Latin is prerequisite.

14b. **Life in the Sixteenth Century.** Second term. Credit two hours. Professor BURR. This course requires a reading knowledge either of Latin or of German.

[15. **The Rise of Tolerance.** Throughout the year. Credit two hours a term. Professor BURR. Open to seniors and graduates properly equipped in language and history. Course 75 should, if possible, be taken at the same time.] Not given in 1920–1921.

16. **Canon Law.** Throughout the year. Credit two hours a term. Professor BURR. Primarily for graduates, but open by permission to qualified seniors.

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. **English History, 1066–1689.** First term. Credit three hours, upperclassmen two hours only. Professor NOTESTEIN.

*32. **English History, 1689–1921.** Second term. Credit three hours, upperclassmen two hours only. Professor NOTESTEIN. A continuation of course 31. Prerequisite, course 31 or equivalent satisfactory to instructor.

33. **English History, 1763–1858.** First term. Credit three hours. Professor NOTESTEIN. Prerequisite, courses 31 and 32 or an equivalent satisfactory to the instructor.

34. **English History, 1858–1921.** Second term. Credit three hours. Professor NOTESTEIN. Prerequisite, courses 31 and 32 or an equivalent satisfactory to the instructor.

40. **Anglo-German Relations, 1900–1914.** First term. Credit two hours. Professor NOTESTEIN. A research course open only to select seniors and graduate students.

41. **Selected Topics in English History, 1640–1660.** Second term. Credit two hours. Professor NOTESTEIN. Open only to graduate students.

[51. **The British Empire in America, 1600–1783.** First term. Credit three hours. Professor HULL.] Not given in 1920–1921.

*52. **American History, 1783–1850.** First term. Credit three hours, upperclassmen two hours only. Professor BRETZ. Primarily for sophomores.

*53. **American History, 1850–1914.** Second term. Credit three hours, upperclassmen two hours only. Professor BRETZ. Prerequisite, course 52. Primarily for sophomores

[54. **Economic History of the Colonies, 1600 to 1800.** First term. Credit three hours. Professor HULL.] Not given in 1920–1921.

[55. **Economic History of the United States, since 1800.** Second term. Credit three hours. Professor HULL.] Not given in 1920–1921.

56. **Constitutional History of the United States.** First term. Credit two hours. Professor BRETZ. Prerequisite, courses 52 and 53. Upperclassmen only.

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*May not be counted for upperclass group.

[58. **Foreign Relations of the United States, 1783–1914.** Second term. Credit three hours. Prerequisite, courses 52 and 53. Professor HULL.] Not given in 1920–1921.

59. **American History, 1750–1848: The Settlement of the Middle West.** Second term. Credit two hours. Professor BRETZ. For upperclassmen. Prerequisite, courses 52 and 53.

60. **American History. Investigation of topics in a selected field.** Throughout the year. Credit two hours a term. Professor BRETZ.

Primarily for upperclassmen who have a special interest in history and who have had courses 52 and 53.

61. **Seminary.** Throughout the year. Credit two hours a term. Professor BRETZ. 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 1920–1921.

72. **Historical Geography.** Throughout the year. Credit one hour a term. Professor BURR. Not open to underclassmen and intended for those who have given much attention to history.

73. **Palaeography and Diplomatics.** Throughout the year. Credit one hour a term. Professor BURR.

[75. **Historical Method.** First term. Credit one hour. Professor BURR. Open only to seniors and graduates, and intended especially for those who are looking forward to the teaching of history or to historical research.] Not given in 1920–1921.

76. **The Teaching of History.** Second term. Credit two hours. Professor BURR with aid from his colleagues. Open only to seniors and graduates who are specializing in history.

77. **Introduction to the Literature of History.** Professors SCHMIDT, WESTERMANN, BURR, BECKER, NOTESTEIN, HULL, BRETZ. For graduates only.

Oriental History. (See Semitic Languages and Literatures, courses 9b*.

LATIN

*A. **Elementary Latin.** Credit five hours a term. The course is continuous through the year, and no credit will be allowed for the first term alone. May be elected for five hours' total credit by students who have entrance credit for only one unit of Latin. Professor ELMER.

*B. **Cicero, Selected Orations; Virgil, Aeneid, Books I–IV.** Throughout the year. Credit three hours a term. Prerequisite, course A or entrance credit for two units of Latin (first year and second year Latin). Professor ELMER. May be entered in the second term by students who have entrance credit for only three units of Latin.

*1. **Cicero, De Amicitia; De Senectute; Horace, Odes and Epodes; Latin Writing.** Throughout the year. Credit three hours a term. Professors BENNETT and DURHAM.

*1a. **Freshman Latin Composition and Conversation.** Throughout the year. Credit one hour a term. Professor DURHAM.

[*2. **Sight Translation: Gellius, Selections; Ovid, Metamorphoses.** Throughout the year. Credit one hour a term.] Not given in 1920–1921.

*3. **Sight Translation: Selections from Petronius, Cato, Publilius Syrus; Early Christian Hymns; Cicero's Second Philippic.** Throughout the year. Credit one hour a term. Professor ELMER.

Courses 2 and 3 are given in alternate years.

*7. **Classic Myths in English Literature.** Prerequisite, preparatory Latin. Second term. Credit two hours. Professor DURHAM.

8. **Terence, Phormio; Catullus; Horace, Satires and Epistles; Tacitus, Agricola and Germania.** 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.

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.

[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 1920–1921.

Courses 11 and 12 are given in alternate years.

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, 11, or 12. Professor BENNETT.

[17. **Literature and History of the Early Empire: Suetonius, Lives of the Caesars; Pliny's Letters; Tacitus's Annals.** Throughout the year. Credit three hours a term. Prerequisite, course 8, 11, or 12. Professor BENNETT.] Not given in 1920–1921. Courses 16 and 17 are given in alternate years.

18. **Lyric Poetry.** First term. Credit two hours. Open to students who have taken or who are taking course 16 or 17. Professor DURHAM.

21. **Intermediate Course in Latin Writing.** Throughout the year. Credit one hour a term. Prerequisite, course 1. Professor ELMER.

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*May not be counted for upperclass group.

26. **Teachers' Training Course.** Throughout the year. Credit two hours a term. Open upon personal application to the professor, to students who have had course 8, 11, or 12, and have taken or are taking course 16 or 17. Professor BENNETT.

[27. **Roman Life and Art.** Throughout the year. Credit two hours a term. Professor BENNETT.] Not given in 1920–1921.

34. **Cicero, in Verrem, Fourth Oration of the Actio Secunda.** Throughout the year. Credit one hour a term. Prerequisite, course 8, 11, or 12 or the equivalent. Professor ELMER.

[35. **Advanced Course in Sight Translation: Cicero's Philippics.** Throughout the year. Credit one hour a term. Open to juniors and seniors who have taken or are taking either 16 or 17. Professor ELMER.] Not given in 1920–1921.

45. **Latin Writing, Advanced Course.** Throughout the year. Professor ELMER. For graduates. Undergraduates who have taken course 21 may also be admitted to this course.

47. **Vulgar Latin.** Throughout the year. Credit two hours a term. Professor DURHAM.

50. **Latin Epigraphy.** Throughout the year. Credit two hours a term. Professor DURHAM.

MATHEMATICS

*1. **Solid Geometry.** Repeated in second term. Credit three hours.

*2. **Advanced Algebra.** Repeated in second term. Credit five hours.

*2E. **Advanced Algebra.** Repeated in second term. Credit three hours.

*3. **Plane Trigonometry.** Repeated in second term. Credit three hours.

4, 5, 6. **Analytic Geometry and Calculus.** For students in the College of Engineering. Prerequisite courses, 1, 2, 3 or their equivalent.

4. First term. Credit three hours. Repeated in the second term.

5. Second term. Credit five hours. Continuation of course 4.

[6. First term. Credit three hours. Continuation of course 5.] To be given in 1921–1922 and thereafter.

6. (2). **Analytic Geometry and Calculus.** First term. Credit six hours. Continuation of course 6 (1) as given previous to September 1920.

7. **Analytic Geometry and Calculus.** For candidates for the degree of B.Chem. Prerequisite, courses 1, 2, 3, or their equivalent.

7. (1) First term. Credit five hours.

7. (2) Second term. Credit five hours. Continuation of 7 (1).

*8. **Analytic Geometry and Calculus.** 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. Professor SNYDER.

21. **Theory of Numbers.** Second term. Credit three hours. Assistant Professor RANUM.

23. **Modern Higher Algebra.** Throughout the year. Credit three hours a term. Prerequisite, course 7. Mr. VANDIVER.

41. **Elementary Differential Equations.** Throughout the year. Credit three hours a term. Prerequisite, course 7 or its equivalent. Assistant Professor GILLESPIE.

42. **Advanced Calculus.** Throughout the year. Credit three hours a term. Prerequisite, course 7 or its equivalent. Assistant Professor OWENS.

44. **Infinite Series.** Second term. Credit three hours. Prerequisite, course 7 or its equivalent. Dr. ROBISON.

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. Dr. H. M. MORSE.] To be given in 1921–1922.

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, course 5 or its equivalent.

63. **Algebraic Geometry.** Throughout the year. Credit three hours a term. Prerequisite, courses 7 and 61. Professor SNYDER.

67. **Differential Geometry of Curves and Surfaces.** Throughout the year. Credit three hours a term. Dr. MORSE.

69. **Metric Geometry in the Plane.** Throughout the year. Credit three hours a term. Prerequisite, course 7 or its equivalent. Assistant Professor CARVER.

80. **Differential Equations of Mathematical Physics.** Throughout the year. Credit three hours a term. Assistant Professor HURWITZ. Prerequisite, course 42 or its equivalent.

*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. Assistant Professor OWENS.

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*May not be counted for upperclass group

85. **Vector Analysis and Electro-magnetic Theory.** First term. Credit three hours. Prerequisite, coures 7 or its equivalent. Professor SHARPE.

87. **Celestial Mechanics.** Throughout the year. Credit three hours a term. Prerequisite, course 7. Dr. REED.

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 1b, p. 85.)

1. **Elementary.** Throughout the year. Credit two hours a term. Open to all students showing sufficient aptitude to pursue the subject with profit. Professor DANN.

3. **Intermediate.** Throughout the year. Credit two hours a term. Open to students who have completed course 1 or who meet the requirements prescribed in course 1. Professor DANN.

5. **Choral.** Throughout the year. Credit one hour a term. Open to any student possessing a voice of satisfactory quality and volume, who is qualified to sing the larger choral works to be given at the annual music festival in May. Professor DANN.
This course may not be repeated for credit or taken for credit at the same time as course 7.

7. **Advanced Choral.** Throughout the year. Credit two hours a term. Professor DANN. 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.
It is recommended that courses 14 and 17 be pursued simultaneously.

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.
Should be pursued in combination with course 12.

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.
A continuation of course 16 and should be taken with course 14.

18. **History and Appreciation 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.

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. For honor students and others who have the necessary qualifications. Professor CREIGHTON and Mr. MORROW.

*6. **Moral Ideas and Practice.** Second term. Credit three hours. Lectures, 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 1920–1921.

12. **The Theory of Evolution: Its History and Significance.** Throughout the year. Credit one hour a term. Dr. PAINE.
Intended primarily for undergraduates. No acquaintance with the history or special terminology of philosophy is presupposed.

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*May not be counted for upperclass group.

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 1920–1921.

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.

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. Primarily for graduates.] Not given in 1920–1921.

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. Primarily for graduates.] Not given in 1920–1921.

[34. **Logical Theory.** Throughout the year. Credit two hours a term. Professor ALBEE. Primarily for graduates.] Not given in 1920–1921.

35. **Modern British Idealism.** First term. Credit two hours. Professor ALBEE. Primarily for graduates.

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 and Dr. PAINE.

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, although open to students 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.

20a. **Principles of Physical Education.** For juniors and seniors. First term. Credit three hours. Professor YOUNG and assistant.

20b. **Principles of Physical Education.** For juniors and seniors. Second term. Credit three hours. Professor YOUNG and assistant.

21. **Hygiene.** For juniors and seniors. First term. Credit two hours. Professor YOUNG and assistant.

22. **Physical Inspection.** For juniors and seniors. Second term. Credit two hours. Professor YOUNG and assistant.

23a. **Principles of Physical Education.** For seniors. First term. Credit three hours. Professor YOUNG and assistant.

23b. **Principles of Physical Education.** For seniors. Second term. Credit three hours. Professor YOUNG.

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 may 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. COLLINS, CURTISS, JONES, KENNEDY, MOON, NORTHROP, PIERCE, RICHMOND, SCOTT, and TYNDALL, and Mrs. HYATT.

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

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

4b. **General Physics.** Primarily for students in Arts and Sciences. Second term. Credit three hours. Prerequisite, course 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.** Primarily for students in engineering. Repeated in the second term. Credit three hours. Prerequisite, course 2. Assistant Professor MURDOCK and Mr. HYATT.

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

9c. **Magnetism and Electricity.** Required of candidates for B.Chem. Second term. Credit two hours. Prerequisite, courses 2, 8c, and 14 (2 hours) and Mathematics 7 (2). Two additional hours of Physics 14 must be taken with 9c. Assistant Professor BIDWELL.

10. **Introductory Physical Experiments.** Either term. Credit three hours. Prerequisite course 2 or the equivalent. A knowledge of trigonometry is desirable. Professor RICHTMYER and Mr. CURTISS.

Primarily intended for students in the College of Arts and Sciences who wish a general knowledge of experimental physics.

11a. **Electricity.** Theory and problems. Required of candidates for M.E. and E.E. First term. Credit two hours. Prerequisite, course 3 and Mathematics 6 (2). Assistant Professor BIDWELL, and Messrs. BECKER, CHAO, HYATT, MOTT-SMITH, and RICHMOND.

11b. **Heat and Light.** Required of candidates for M.E. and E.E. Second term. Credit two hours. Prerequisite, course 3 and Mathematics 6 (2). Assistant Professor BIDWELL, and Messrs. BECKER, CHAO, HYATT, MOTT-SMITH, and RICHMOND.

12. **Physical Measurements.** Primarily for students in Arts and Sciences. Either term or throughout the year. Credit one to 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 course 4 be taken simultaneously. Professor RICHTMYER and Mr. CURTISS.

14. **Physical Measurements.** Required of candidates for B.Chem., C.E., M.E., and E.E. Either term or throughout the year. Credit two or four hours a term. Prerequisite, analytic geometry and the calculus, and at least seven hours of physics taken from preceding courses or course 3, if course 11 (a) or 11 (b) be taken simultaneously. Messrs. HYATT, BECKER, CHAO, R. J. KENNEDY, H. T. KENNEDY, LEWIS, MOTT-SMITH, PURDY, and RICHMOND.

18. **Theory and Practice of Photography.** Repeated in second term. Credit two hours. Prerequisite, course 2 and Chemistry 1 or their equivalent. Professor RICHTMYER.

19. **Scientific Photography.** With special reference to its applications to problems of research. Repeated in the second term. Credit one to four hours. Prerequisite, courses 12 or 14 and 18, and Chemistry 1. Professor RICHTMYER.

[20. **Heat.** Second term. Credit four hours. Prerequisite, courses 4a, 4b, and 12 (2 hours) and Mathematics 7 or their equivalent. Assistant Professor BIDWELL.] Not given in 1920–1921.

Physics 20 and 21 are given in alternate years.

21. **Light.** Second term. Credit four hours. Prerequisite, course 4b and 12 (2 hours) and Mathematics 7 or their equivalent. Assistant Professor HOWE.

[22a. **Electricity and Magnetism.** First term. Credit five hours. Prerequisite courses 4a, 4b and 12 (4 hours), and Mathematics 7, or their equivalent.] Not given in 1920–1921.

[22b. **Electricity and Magnetism.** Second term. Credit two hours. Prerequisite, course 22a. Assistant Professor MURDOCK.] Not given in 1920–1921.

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

23. **Properties of Matter and Mechanics.** First term. Credit five hours. Prerequisite, courses 4a, 4b, and 12 (2 hours), and Mathematics 7, or their equivalent. Assistant Professor MURDOCK.

24. **Wave Motion and Sound.** Second term. Credit two hours. Prerequisite, course 23. Assistant Professor MURDOCK.

25. **Advanced Laboratory Practice.** Either term or throughout the year. Credit one to three hours a term. Prerequisite, course 12 (4 hours), or the equivalent. Assistant Professor MURDOCK.

26. **Theory of Measurements.** First term. Credit two hours. Prerequisite, course 12 (4 hours), and Mathematics 7 or their equivalent. Assistant Professor MURDOCK.

[27. **Photometry and Spectrophotometry.** First term. Credit three hours. Prerequisite, courses 10 or 12 or the equivalent. Professor RICHTMYER.] Not given in 1920–1921.

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*May not be counted for upperclass group

28. **Introduction to Modern Physical Theories.** Primarily for seniors (or first year graduate students) specialising in Physics, but open to others who have had course 12 or 14, or the equivalent. Second term. Credit three hours. Professor RICHTMYER.

29. **High Temperature Measurements.** Second term. Credit three hours. Prerequisite, course 12 or 14. Assistant Professor BIDWELL.

33. **Alternating Currents.** First term. Credit two hours. Prerequisite, course 12 or 14. Professor BEDELL.

34. **Electrical Laboratory.** Either term or throughout the year. Credit as arranged. Prerequisite, course 12 or 14. Professor BEDELL and Mr. HOLMES.

36. **Advanced Alternating Currents.** Second term. Credit two hours. Prerequisite, course 33. Professor BEDELL.

37. **Theses in Applied Electricity.** Second term or throughout the year. Credit two to eight hours a term. Prerequisite, course 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.** Throughout the year. Credit one hour a term. Professor MERRITT.] Not given in 1920–1921.

Physics 40 and 41 are given in alternate years.

40a. **Electric Waves and Oscillations.** Second term. Credit one to four hours. Prerequisite, Physics 12 and 40, or their equivalent. Professor MERRITT.

41. **Electrical Conduction in Gases.** Throughout the year. Credit one hour a term. Professor MERRITT.

[42. **Spectroscopy and Luminescence.** Throughout the year. Credit two hours a term. Prerequisite, course 21 or its equivalent. Professor GIBBS.] Not given in 1920–1921.

Physics 42 is given every other year.

43. **X-Rays.** 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.** 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. **Theoretical Physics.** Mechanics and thermodynamics. Throughout the year. Credit four hours a term. Prerequisite, course 23 or its equivalent. Primarily for graduates. Assistant Professor KENNARD.] Not given in 1920–1921.

Physics 51 and 52 are given in alternate years.

52. **Theoretical Physics.** Electricity and Magnetism. Throughout the year. Credit four hours a term. Prerequisite, course 22a or its equivalent, unless course 52a is taken simultaneously. Primarily for graduates. Assistant Professor KENNARD.

52a. **Electricity and Magnetism.** For graduates who are taking course 52 and have not had the equivalent of course 22a. Throughout the year. Credit two hours a term. Assistant Professor KENNARD.

[53. **Theoretical Physics.** Physical optics. Assistant Professor HOWE.] Not given in 1920–1921.

Physics 53 is given every other year.

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.

55. **Kinetic Theory of Matter.** First term. Credit two hours. Assistant Professor KENNARD.

56. **The Radiation Problem.** Second term. Credit two hours. Assistant Professor KENNARD.

PHYSIOLOGY AND BIOCHEMISTRY

*3. **Elementary Human Physiology.** Repeated in second term. Credit three hours. Professor SIMPSON and Mr. BURLAGE.

6. **Laboratory Work in Physiology.** Repeated in second term. Credit two or more hours. Professor SIMPSON, MR. 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 two hours. Prerequisite, Human Physiology 3. Mr. BURLAGE.

14. **Elementary Biochemistry.** First term. Credit three hours. Prerequisite, Chemistry 32 or the equivalent. Assistant Professor SUMNER and Mr. BODANSKY.

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*May not be counted for upperclass group.

(Courses 14 and 14a will not be accepted for the requirements of biochemistry in the medical college. Chemistry students are advised to take course 18.)

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

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.** Second term. Credit two hours. Prerequisite, Chemistry 32 or its equivalent. Assistant Professor SUMNER and Mr. BODANSKY.

18a. **Laboratory Work in Biochemistry.** Second term. Credit three hours. Prerequisite, Chemistry 32. Assistant Professor SUMNER and Mr. BODANSKY.

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

PSYCHOLOGY

*1. **Elementary Psychology.** First term. Credit three hours. Professor TITCHENER, Professor WELD, Dr. HOISINGTON, and Mr. BISHOP.
Not open to juniors or seniors. Primarily for sophomores in the College of Arts and Sciences.

*1a. **Elementary Psychology.** First term. Credit three hours. Dr. DALLENBACH. Open to ophomores, juniors, and seniors.

*1b. **Elementary Psychology.** Second term. Credit three hours. Dr. HOISINGTON, and Mr. BISHOP. Open to sophomores, juniors, and seniors.

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

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

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

[5. **Systematic Psychology: Sensation, Image.** First term. Credit three hours.] Not given in 1920–1921.

5a. **Systematic Psychology: Perception, Idea.** First term. Credit three hours. Prerequisite, course 3, or by special permission course 2. Professor WELD and Mr. BISHOP.

[6. **Systematic Psychology: Feeling, Attention, Action.** Second term. Credit three hours.] Not given in 1920–1921.

6a. **Systematic Psychology: Memory, Imagination and Thought; Emotion and Volition.** Second term. Credit three hours. Prerequisite, course 3, or by special permission course 2. Dr. DALLENBBACH and Dr. HOISINGTON.

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, Dr. DALLENBACH and Dr. HOISINGTON.

(For particulars of graduate work see the *Announcement of the Graduate School.*)

PUBLIC SPEAKING

1. **Public Speaking.** Throughout the year. Credit three hours a term. Professor DRUMMOND, Assistant Professors MUCHMORE and HUNT, and Mr. CAPLAN
The '86 Memorial Prize in declamation is awarded annually in connection with this course. (See pamphlet on prizes.)

1a. **Public Speaking.** Second term. Credit three hours. Mr. CAPLAN.
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. Prerequisite, four hours in other courses of this department, including two hours of 1 or 1a, and the consent of the instructor.

[16. **Great Orations.** First term. Credit two hours. Prerequisite, course 1. Open to graduates and seniors.] Not given in 1920–1921.

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*May not be counted for upperclass group.

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

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 the second term. Credit six hours; for upperclassmen, four hours only.

This course is equivalent to first year French and second year French of the entrance requirements (credit two units.)

*1a. **Elementary Course.** Throughout the year. Credit three hours a term.

Not open to students in the College of Arts and Sciences. No credit is given for a single term.

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

This course is designed primarily for those who offer first year French for entrance.

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

*3a. **Intermediate Course.** Throughout the year. Credit three hours a term. Prerequisite, courses 1 and 2 or second year entrance French.

Not open to students in the College of Arts and Sciences. No credit is given for a single term.

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

This course is prerequisite for all the following courses in French, except 5, which may be profitably taken with it.

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

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

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

6. **History of French Literature.** Throughout the year. Credit three hours a term. Prerequisite, course 4a or its equivalent. Professor MASON.

[7. **Literature of the Seventeenth Century.** Throughout the year. Credit three hours a term. Prerequisite, course 6. Professor GUERLAC.] Not given in 1920–1921.

[8. **Literature of the Eighteenth Century.** Throughout the year. Credit three hours a term. Prerequisite, course 6. Professor GUERLAC.] Not given in 1920–1921.

[9. **Literature of the Nineteenth Century.** Throughout the year. Credit three hours a term. Prerequisite, course 6. Professor MASON.] Not given in 1920–1921.

10. **Contemporary French Literature.** Throughout the year. Credit three hours a term. Prerequisite, course 6. Professor MASON.

14a. **Intermediate Composition.** Repeated in the second term. Credit three hours. Prerequisite, course 5b. Assistant Professor PUMPELLY.

14b. **Intermediate Composition.** Repeated in the second term. Credit three hours. Prerequisite, course 14a. Assistant Professor PUMPELLY.

16. **French Phonetics.** Second term. Credit two hours. Prerequisite, course 5. Professor MASON.

18. **Intermediate Composition.** Second term. Credit three hours. Prerequisite, course 14b. Assistant Professor PUMPELLY.

20. **Advanced Composition.** Throughout the year. Credit three hours a term. Prerequisite, course 14. Professor GUERLAC.

[21. **Prose of the Sixteenth Century.** Second term. Credit three hours. Prerequisite, course 6. Professor MASON.] Not given in 1920–1921.

22. **Poetry of the Sixteenth Century.** Second term. Credit one hour. Prerequisite, course 6. Professor MASON.

23. **French Philology.** Throughout the year. Credit three hours a term. Prerequisite, four units of entrance Latin. Assistant Professor PUMPELLY.

24. **Voltaire and His Time.** Throughout the year. Credit three hours a term. Open to seniors and graduates. Professor GUERLAC.

26. **Old French Texts.** Throughout the year. Credit two hours a term. Prerequisite, course 23 or its equivalent.

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

[28. **French Criticism.** Throughout the year. Credit one hour a term. Professor MASON]. Not given in 1920–1921.

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*May not be counted for upperclass group.

[30. **The Teaching of French.** Second term. Credit two hours. Open to seniors and graduates. Professor MASON.] Not given in 1920–1921.

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

ITALIAN

*1. **Elementary Course.** Throughout the year. Credit three hours a term. Professor HAMILTON.

The course is continuous throughout the year, and no credit will be allowed for the first term alone.

2. **Italian Poetry: Dante, Leopardi, Carducci.** Throughout the year. Credit three hours a term. Prerequisite, course 1 or second year Italian of the entrance requirements. Professor HAMILTON.

3. **Petrarch and the Renaissance.** Throughout the year. Credit two hours a term. Prerequisite, course 2. Professor HAMILTON. Primarily for graduates.

[5. **Old Italian.** Throughout the year. Credit two hours a term. Professor HAMILTON.] Not given in 1920–1921.

ROMANCE PHILOLOGY

[1. **Low Latin.** Second term. Credit two hours. Professor HAMILTON. Primarily for graduates.] Not given in 1920–1921.

2. **Old Provencal.** First term. Credit two hours. Professor HAMILTON.

[5. **Romance Phonetics.** First term. Credit three hours. Professor KENISTON.] Not given n 1920–1921.

SPANISH

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

*1a. **Elementary Course.** For students in Engineering and Agriculture. Throughout the year. Credit three hours a term.

Not open to students in Arts and Sciences; continuous throughout the year and no credit for the first term alone.

*2. **Intermediate Course.** First term. Credit three hours.

For students entering with one unit of credit in Spanish.

*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.

Courses 4a and 4b are prerequisite for all the following courses in Spanish, except courses 5a and 5b, which may profitably be taken in connection with them.

*5a. **Elementary Composition and Conversation.** Repeated in the second term. Credit three hours. Prerequisite, course 3 or third-year entrance Spanish.

*5b. **Elementary Composition and Conversation.** Repeated in second term. Credit three hours. Prerequisite, course 5a.

7a. **Intermediate Composition and Conversation.** Repeated in second term. Credit three hours. Prerequisite, course 5. Mr. ZAPATA y TORRES.

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

9. **Advanced Composition and Conversation.** Throughout the year. Credit three hours a term. Prerequisite, course 7.

Courses 7a, 7b, and 9 are conducted in Spanish.

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

19. **Literature of the Nineteenth Century.** First term. Credit three hours. Prerequisite, course 4b.

20. **Contemporary Spanish Literature.** Second term. Credit three hours.

*25. **Modern Spanish Civilization.** Second term. Credit two hours.

29. **Spanish-American Literature.** First term. Credit three hours. Prerequisite, course 10 or 19. Professor KENISTON.

30. **The Teaching of Spanish.** Second term. Credit three hours. Professor KENISTON. Offered in alternate years.

Primarily for Graduates

[41. **Old Spanish.** Throughout the year. Credit three hours a term.] Not given in 1920–1921.

43. **Seminary.** Throughout the year. Credit two hours a term. Professor KENISTON.

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*May not be counted for upperclass group.

SCANDINAVIAN LANGUAGES AND LITERATURES

1. **Old Icelandic.** Throughout the year. Credit two hours a term. Assistant Professor HERMANNSSON.
For advanced students and graduates.

2. **Danish (and Dano-Norwegian).** Throughout the year. Credit two hours a term. Assistant Professor HERMANNSSON.

[3. **Swedish.** Throughout the year. Credit two hours a term. Assistant Professor HERMANNSSON.] Not given in 1920–1921.

[4. **Old Norse Mythology.** First term. Credit one hour. Assistant Professor HERMANNSSON.] Not given in 1920–1921.

5. **Old Norse-Icelandic Literature.** First term. Credit two hours. Assistant Professor HERMANNSSON.

6. **Modern Scandinavian Literatures.** Second term. Credit two hours. Assistant Professor HERMANNSSON.

[7. **Scandinavian History.** Throughout the year. Credit two hours a term. Assistant Professor HERMANNSSON. Not given in 1920–1921.

SEMITIC LANGUAGES AND LITERATURES

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.
Primarily for graduates.

5b. **Coptic.** Throughout the year. Credit two hours a term. Prerequisite, course 5a. Professor SCHMIDT.

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.

9b. **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 MERKEL, and Miss MCMULLEN. Laboratory fee, $4.50 a term.

1a. **Elements of Zoology.** Second term. Credit three hours. Assistant Professor YOUNG. For veterinary students only. Laboratory fee, $4.50.

2. **Morphology of Invertebrates.** Throughout the year. Credit three hours a term. Prerequisite, course 1. Laboratory fee, $5. Professor REED.

3. **Comparative Anatomy of Vertebrates.** Throughout the year. Credit three hours a term. Professor REED and Mr. GAMBLE. Prerequisite, course 1 or 5.
Laboratory fee, $5 a term.

[4. **Comparative Morphology and Phylogenesis of Vertebrates.** Throughout the year. Credit two hours a term. Professor REED.] Given in alternate years. Not given in 1920–1921.
Prerequisite, embryology (may accompany or precede), and one of the following: course 3, 1^2, 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 and Mr. LEUFFEN. Laboratory fee, $2.

*May not be counted for upperclass group.

7. **Ichthyology. Advanced Systematic and Field Zoology.** Second term. Credit three hours. Assistant Professor WRIGHT.

[8. **Herpetology.** Second term. Credit three hours. Assistant Professor WRIGHT.] Not iven in 1920–1921.

9. **Advanced Ornithology.** First term. Credit three hours. Prerequisite, course 5 or 6. Assistant Professor ALLEN and Mr. LEISTER. Laboratory fee, $2.

10. **Mammalogy.** First term. Credit three hours. Assistant Professor WRIGHT.

[11. **Economic Ornithology and Mammalogy.** First term. Credit three hours. Should be preceded by course 5 or 6; presupposes an elementary knowledge of botany and entomology. Assistant Professor ALLEN and Mr. LEISTER.] Not given in 1920–1921.

12. **Comparative Mammalian Anatomy.** Throughout the year. Credit three hours a term. Mr. GAMBLE. Laboratory fee, $5 a term.

13. **Special Problems and Research.** Throughout the year. Credit from one to more hours. For seniors and graduates only. Permission necessary for registration.

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.

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

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
EDWIN HAMLIN WOODRUFF, LL.B., Dean of the Faculty and Professor of Law.
CHARLES TRACY STAGG, LL.B., Professor of Law and Secretary of the College.
CHARLES KELLOGG BURDICK, A.B., LL.B., Professor of Law.
GEORGE GLEASON BOGERT, A.B., LL.B., World War Memorial Professor of Law.
OLIVER LEROY MCCASKILL, Ph.B., J.D., Professor of Procedure.
ROBERT SPROULE STEVENS, A.B., LL.B., Lecturer on 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 degree 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 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 toward the law degree.

For the admission of seniors from the College of Arts and Sciences, see p. 113.

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. Professor WOODRUFF.
3. **Torts (including Master and Servant).** Three hours. Mr. STEVENS.
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.
8. **Brief Making.** One hour. Professor STAGG.

Second Year

20. **Property II.** Second term. One hour. Professor BOGERT. To be given in 1920–1921 only.

[20. **Property II.** First term. Three hours. Professor BOGERT]. To be given in 1921–1922 and thereafter.

21. **Negotiable Paper.** Second term. Three hours. Professor BURDICK.
22. **Probate Law.** First term. Three hours. Professor STAGG.
23. **Equity Jurisdiction.** Three hours. Mr. STEVENS.
24. **Insurance.** Second term. Two hours. Professor WOODRUFF.
25. **Domestic Relations and the Law of Persons.** First term. Two hours. Professor BOGERT.
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.
29. **Procedure IIb.** Second term. Three hours. Professor STAGG.

Third Year

30. **Mortgages.** First term. Two hours. Professor STAGG.
31. **Suretyship.** First term. Two hours. Professor BURDICK.
32. **Law of Associations (Partnership and Private Corporations).** Two hours. Mr. STEVENS.
33. **Quasi-Contracts.** First term. Two hours. Professor WOODRUFF.
34. **Law of Public Service and Carriers.** Second term. Three hours. Professor BURDICK.
35. **Constitutional Law.** Second term. Three hours. Professor BURDICK.
36. **Procedure IIIa.** First term. Two hours. Professor STAGG.
37. **Procedure IIIb. Practice Court.** Second term. Four hours. Professor MCCASKILL.
38. **Property III.** First term. Two hours. Professor BOGERT. To be given in 1920–1921 only.

[38. **Property III.** Second term. Three hours. Professor BOGERT.] To be given in 1921–1922 and thereafter.

38a. **Trusts.** First term. Two hours. Professor BOGERT.

40. **Public Officers and Municipal Corporations.** Second term. Three hours. Professor STAGG.

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 degreee 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 the above 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 Conkling 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. 182.

SCHOLARSHIPS AND PRIZES

The **Boardman Senior Law 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. 187–194.

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

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
WALTER L. NILES, M.D., Dean and Professor of Clinical Medicine.
JEREMIAH S. FERGUSON, M.S., M.D., Assistant Professor of Clinical Medicine, Department of Pediatrics, and Secretary of the Faculty.
FREDERIC S. DENNIS, M.D., F.R.C.S., Professor of Clinical Surgery, Emeritus.
NEWTON M. SHAFFER, M.D., Professor of Orthopaedic Surgery, Emeritus.
W. GILMAN THOMPSON, Ph.B., M.D., Professor of Medicine, Emeritus.
JOSEPH E. WINTERS, M.D., Professor of Clinical Medicine, Department of Pediatrics, Emeritus.
GEORGE THOMSON ELLIOT, A.B., M.D., Professor of Clinical Medicine, Department of Dermatology, Emeritus.
GEORGE WOOLSEY, M.D., Professor of Clinical Surgery.
J. CLIFTON EDGAR, Ph.B., A.M., M.D., Professor of Obstetrics and Clinical Midwifery.
JAMES EWING, A.M., Sc.D., M.D., Professor of Pathology.
GRAHAM LUSK, 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.
CHARLES R. STOCKARD, Ph.D., Professor of Anatomy.
LEWIS A. CONNER, Ph.B., M.D., Professor of Medicine.
WILLIAM J. ELSER, M.D., Professor of Bacteriology.
STANLEY R. BENEDICT, Ph.D., Professor of Chemistry.
CHARLES L. GIBSON, A.B., M.D., Professor of Surgery.
JOHN A. HARTWELL, Ph.B., M.D., Associate Professor of Surgery and Professor of Clinical Surgery.
CHARLES L. 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 Otology.
EDWARD L. KEYES, jr., Ph.D., M.D., Professor of Clinical Surgery, Department of Urology.
ROBERT G. REESE, Ph.G., M.D., Professor of Clinical Surgery, Department of Ophthalmology.
OTTO H. SCHULTZE, A.M., M.D., Professor of Medical Jurisprudence.
ALFRED S. TAYLOR, M.D., Professor of Clinical Surgery.
WILLIAM C. THRO, B.S., A.M., M.D., Professor of Clinical Pathology.
GEORGE GRAY WARD, jr., M.D., Professor of Clinical Surgery, Department of Gynecology.
ALEXANDER LAMBERT, A.B., Ph.B., M.D., Professor of Clinical Medicine.
CHARLES E. NAMMACK, Ph.B., M.D., LL.D., Professor of Clinical Medicine.
IRVING S. HAYNES, Ph.B., D.Sc., M.D., Professor of Clinical Surgery.
JOHN ROGERS, Ph.D., M.D., Professor of Clinical Surgery.
HARMON SMITH, A.B., M.D., Professor of Clinical Surgery, Department of Laryngology and Rhinology.
BURTON J. LEE, A.B., Ph.B., M.D., Professor of Clinical Surgery.
CHARLTON 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 C. TORREY, Ph.D., Professor of Hygiene.
GEORGE H. KIRBY, B.S., M.D., Professor of Clinical Medicine, Department of Psychiatry.
OSCAR M. SCHLOSS, A.M., M.D., Professor of Clinical Medicine, Department of Pediatrics.
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.
JAMES MORLEY HITZROT, A.B., M.D., Professor of Clinical Surgery, Department of Surgery.
WILLIAM H. SHELDON, M.D., Assistant Professor of Clinical Medicine, Department of Medicine.
MALCOLM GOODRIDGE, M.D., Assistant Professor of Medicine.
PERCY R. TURNURE, A.M., M.D., Assistant Professor of Clinical Surgery.
HORACE W. 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 H. M. LYLE, M.D., Assistant Professor of Surgery.
ARTHUR H. CILLEY, M.D., Assistant Professor of Clinical 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.
HAROLD C. BAILEY, M.D., Instructor in Obstetrics.
DAVID P. BARR, A.B., M.D., Instructor in Medicine.
BENJAMIN S. BARRINGER, B.S., M.D., Instructor in Clinical Surgery, Department of Urology.
DAVID N. BARROWS, A.B., M.D., Instructor in Clinical Surgery, Department of Gynecology.
WALTER H. BRUNDAGE, M.D., Instructor in Medicine.
ETHAN F. BUTLER, M.D., Instructor in Clinical Surgery.
RUSSELL L. CECIL, M.D., Instructor in Medicine.
ARTHUR F. COCA, M.D., Instructor in Immunology.
LILLIAN K. P. FARRAR, A.B., M.D., Instructor in Clinical Surgery, Department of Gynecology.
RALPH EUGENE HERENDEEN, M.D., Instructor in Roentgenology.
ARTHUR L. HOLLAND, M.D., Instructor in Clinical Medicine.
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 Clinical Surgery, Department of Gynecology.
EDWARD MILTIMORE, M.D., Instructor in Medicine.
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 C. ROPER, M.D., Instructor in Clinical Medicine, Department of Pediatrics.
HAROLD E. SANTEE, A.B., M.D., Instructor in Clinical and Operative Surgery.
HANS J. SCHWARTZ, M.D., Instructor in Clinical Pathology and Instructor in Clinical Medicine, Department of Dermatology.
WILLIAM L. SNEED, M.D., Instructor in Applied Anatomy.
RALPH G. STILLMAN, M.D., Instructor in Clinical Medicine and Surgical Pathology.
LAWRENCE W. STRONG, M.D., Instructor in Gynecological Pathology.

HARVEY C. WILLIAMSON, M.D., Instructor in Obstetrics.
JAMES WORCESTER, M.D., Instructor in Surgery.
EDWARD C. BRENNER, A.M., M.D., Instructor in Operative Surgery.
BERNARD S. DENZER, Instructor in Pediatrics.
ELIZABETH FRANCKE, A.M., M.D., Instructor in Chemistry.
GAYLORD W. GRAVES, Instructor in Clinical Pathology.
KENNETH JOHNSON, A.B., M.D., Instructor in 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, Instructor in Medicine.
THOMAS PALMER NASH, A.M., M.D., Instructor in Chemistry.
LOUIS C. SCHROEDER, A.M., M.D., Instructor 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., Instructor in Operative Surgery.
CLARENCE O. CHENEY, M.D., Instructor in Clinical Medicine, Department of Psychiatry.
HOWARD S. JECK, M.D., Instructor in Clinical Surgery, Department of Urology.
CHARLES HALPIN NAMMACK, A.B., M.D., Instructor in Clinical Medicine.
ALFRED HENRY RAHE, Ph.D., M.D., Instructor in Bacteriology.
GEORGE W. 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.
CHARLES E. FARR, M.D., Instructor in Surgery.
LEILA C. KNOX, A.B., M.D., Instructor in Surgical Pathology.
JOSE F. NONIDEZ, 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.
JOHN D. LYTTLE, A.B., M.D., Instructor in Clinical Pathology.

Clinical Instructors

ARTHUR E. HOAG, M.D., Clinical Instructor in Surgery, Department of Surgery
GEORGE B. MCAULIFFE, A.B., M.D., Clinical Instructor in Surgery, Department of Otology.
WALTER C. MONTGOMERY, M.D., Clinical Instructor in Surgery, Department of Laryngology and Rhinology.
CLARENCE P. OBERNDORF, M.D., Clinical Instructor in Medicine, Department of Neurology.
WILLIAM L. SOULE, A.B., M.D., Clinical Instructor in Anaesthesia.
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.
MAY G. WILSON, M.D., Clinical Instructor in Medicine, Department of Pediatrics.
MILTON A. HARRINGTON, A.M., M.D., Clinical Instructor in Medicine, Department of Psychiatry.
HERBERT F. JACKSON, A.M., M.D., Clinical Instructor in Medicine, Department of Pediatrics.

PHILIP M. STIMSON, A.M., M.D., Clinical Instructor in Medicine, Department of Pediatrics.
BENNE MAURICE WRENKER, A.M., M.D., Clinical Instructor in Medicine, Department of Pediatrics.
THOMAS K. DAVIS, M.D., Clinical Instructor in Medicine, Department of Neurology.
CHARLES A. DRAKE, M.D., Clinical Instructor in Surgery, Department of Ophthalmology.
ANDREW J. GILMOUR, M.D., Clinical Instructor in Medicine, Department of Dermatology.
AQUIN S. KELLY, M.D., Clinical Instructor in Surgery, Department of Ophthalmology.
WILLIAM M. KRAUS, M.D., Clinical Instructor in Medicine, Department of Neurology.
THOMAS E. LAVELLE, M.D., Clinical Instructor in Surgery, Department of Gynecology.
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 Urology.
GEORGE S. STEVENSON, M.D., Clinical Instructor in Medicine, Department of Psychiatry.
JULIUS J. VALENTINE, M.D., Clinical Instructor in Surgery, Department of Urology.

Assistants

EDWARD MCPHERSON ARMSTRONG, M.D., Clinical Surgery.
RICHARD W. BOLLING, M.D., Clinical Surgery.
CHARLES S. B. CASSASSA, A.B., M.D., Pathological Anatomy.
GUILFORD S. DUDLEY, A.B., M.D., Clinical Surgery.
HENRY MULLER, A.B., M.D., Pathology.
THOMAS A. MULCAHY, M.D., Clinical Assistant in Surgery, Department of Otology.
S. DOUGLAS PALMER, A.B., M.D., Anatomy.
JOSEPHINE B. NEAL, A.B., M.D., Medicine.
STEWART L. CRAIG, A.B., M.D., Otology.
EMILY T. BURR, A.M., Pathology.
HAROLD HERMAN, A.B., M.D., Pediatrics.
MARJORIE HOPPER, A.B., Chemistry.
ALFRED HENRY RAHE, Ph.D., M.D., Immunology.
FENWICK BEEKMAN, A.M., M.D., Clinical Surgery.
H. JEANETTE ALLEN, A.B., Chemistry.
IRVIN BALENZWEIG, A.B., M.D., Applied Anatomy.
HARRY BAKWIN, M.D., Pediatrics.
W.H. BAUGHMAN, M.D., Immunology.
ELLIS M. BLACK, A.M., M.D., Chemistry.
ALFRED CHANUTIN, Ph.B., Physiology.
BRADLEY COLEY, Clinical Surgery.
JAMES DENTON, M.D., Pathological Anatomy.
RUSSELL S. FERGUSON, A.B., M.D., Pathological Anatomy.
WILLIAM V. HEALEY, A.B., M.D., Orthopedic Surgery.
WINIFRED KIRK, A.B., Anatomy.
PENELOPE MARSH, A.B., Bacteriologist, Department of Surgery.
ROYCE PADDOCK, M.D., Clinical Medicine.
MORTON RYDER, A.B., M.D., Pathologist, Department of Surgery.
FENTON TAYLOR, M.D., Clinical Surgery.
SOMA WEISS, Pharmacology.

Lecturers

MAX EINHORN, M.D., Lecture on Diseases of the Stomach.
JOHN T. MACCURDY, M.D., Lecturer on Clinical Medicine, Department of Psychiatry.
ROBERT A. COOKE, A.M., M.D., Lecturer on Applied Immunology.
SAMUEL GOLDSCHMIDT, A.M., M.D., Lecturer on Physiology.
GEORGE W. HAWLEY, A.M., M.D., Lecturer on Fractures.
DAYTON JAMES EDWARDS, Ph.D., Lecturer on Physiology.

FACULTY OF MEDICINE AT ITHACA

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
ABRAM T. KERR, B.S., M.D., Professor of Anatomy and Secretary of the Medical College of Ithaca.
SIMON HENRY GAGE, B.S., Professor of Histology and Embryology, Emeritus.
WILLIAM RIDGELY ORNDORFF, Ph.D., Professor of Organic Chemistry.
BENJAMIN FREEMAN KINGSBURY, Ph.D., M.S., M.D., 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 WENCELAS PAPEZ, A.B., M.D., Assistant Professor of Anatomy and Neurology.
STANLEY ROSS BURLAGE, M.A., Instructor in Physiology.
AARON BODANSKY, B.S., Ph.D., Instructor in Biochemistry.
HOWARD SCOTT LIDDELL, A.B., A.M., Instructor in Physiology.
HOWARD BERNHARDT ADELMANN, A.B., Assistant in Histology and Embryology.
RAYMOND OWEN HITCHCOCK, A.B., Assistant in Anatomy.
RUFUS R. HUMPHREY, A.M., Assistant in Histology and Embryology.
JOHN STEPHENS LATTA, B.S., Ph.D., Assistant in Histology and Embryology.
OTTO ART DEARTH, B.S., Assistant in Histology and Embryology.
DOROTHY SEWELL, A.B., Assistant in Histology and Embryology.
EVELYN HOLT, A.B., Assistant in Anatomy.
SAMUEL H. BASSETT, A.B., Assistant in Anatomy.
LOUISA EDWINA KEASBEY, A.B., Assistant in Physiology.
FRANCIS D. GUNN, Student Assistant in Histology and Embryology.

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.*

*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.

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.

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.

Each student must provide himself with a microscope of an approved kind.

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, Otology, Ophthalmology, Laryngology and Rhinology, Dermatology,and Psychiatry.

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

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 candiate 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. 192-193

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 288 (minimum). (1) The Upper Extremity; (2) The Head and Neck; (3) The Lower Extremity; (4) The Thorax; (5) The Abdomen and Pelvis. Dissection, demonstrations, recitations, and examinations.

(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.** First term of the second 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. Registration not later than January. 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, one hundred and seventy-six hours. Second year, two hundred and four hours. Professor LUSK, Drs. EDWARDS and GOLDSCHMIDT, and Mr. CHANUTIN.

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-five 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, Assistant Professors FOSTER, GOODRIDGE, SHELDON, Associate Professor DUBOIS, and Drs. EINHORN, BARR, RICHARDS, PARDEE, MILTIMORE, JENISON, BRUNDAGE, SCHWARTZ, STILLMAN, HOLLAND, ALEXANDER, NAMMACK, MCCANN, CECIL, LARSEN, WITT, LYTTLE, NEAL and PADDOCK.

GENERAL THERAPEUTICS

Didactic Lectures. Required of third year students, thirty-two hours. Professors MEARA, FOSTER, GOODRIDGE, EGGLESTON, COOKE, and CECIL.
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. Required of third year students. Dr. GOODRIDGE.
Research. For qualified students, by appointment.

SURGERY

Second Year. Lectures and clinics. Eighty-two hours.
Third Year. Three hundred and sixteen hours.
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, Associate Professor HARTWELL, and Drs. HAWLEY, WORCESTER, KENYON, SANTEE, L'ESPERANCE, JOHNSON, BRENNER, FARR, KNOX, SMITH, BELLER, WILENSKY, O'CONNOR, BEEKMAN, DUDLEY, BOLLING, BUTLER, TAYLOR, COLEY, WING, SOULE, MARSH, and RYDER.

Hospital Work

New York Hospital, Cornell (First Surgical) Division. The staff of instruction is composed of Professors GIBSON, LEE, and HITZROT, and instructors.
Bellevue Hospital, Cornell (Second Surgical) Division. The staff of instruction is composed of Professors HARTWELL, WOOLSEY, and ROGERS; Drs. WORCESTER, SANTEE, L'ESPERANCE, BUTLER, TAYLOR, 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

Instruction in this department is given during the second and third years of the curriculum. The work in obstetrics comprises (1) recitations, (2) lectures, (3) obstetric clinics and conferences, (4) attendance upon cases of confinement, (5) manikin practice and section work, (6) obstetric histology, pathology, and bacteriology.
The staff of instruction in obstetrics is composed of Professor EDGAR and Drs. BAILEY and WILLIAMSON.

PATHOLOGY

1. **General Pathology.** Lectures, museum and microscopical demonstrations and recitations, two hundred and forty-six hours. Required in first term of third year. Professor EWING, Assistant Professor L'ESPERANCE, and Dr. MULLER.
2. **Pathological Anatomy.** Lectures and demonstrations, eighty-four hours. Required in the second and third years. Professor SCHULTZE, Dr. CASSASSA, and assistants.
3. **Autopsy Technique.** Section teaching at the morgue. Fourth year. Professor SCHULTZE, Drs. CASSASSA, FERGUSON, and DENTON.
4. **Medico-legal Pathology.** Third and fourth years. Professor SCHULTZE and Dr. CASSASSA.

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.

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. H. H. JANEWAY, assisted in special fields by Drs. H. C. BAILEY, 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 physics department has also secured 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. Professor ELSER.

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

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

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, Assistant Professor FRINK, and Drs. OBERNDORF, STEPHENSON, STECHMANN, KRAUS, and DAVIS.

PSYCHIATRY

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

The staff in this department is composed of Professor KIRBY, Drs. MACCURDY, CHENEY, 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 Professor SCHLOSS, Assistant Professor FERGUSON, and Drs. ROPER, STRAIN, SCHROEDER, SAMMIS, LANG, WRENKER, JACKSON, WILSON, STIMSON, HERMAN, DENZER, and BAKWIN.

GYNECOLOGY

Second Year. Recitations and lectures.
Third Year. Section teaching.
Fourth Year. Elective.

The staff in this department is composed of Associate Professor WARD and Drs. FARRAR, BARROWS, STRONG, and LAVELLE.

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. BARRINGER, JECK, VALENTINE, and ROHDE.

DERMATOLOGY

Third Year. Sections. Twenty-four hours.
Fourth Year. Clinics. Elective.

The staff in this department is composed of Drs. SCHWARTZ, 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, and KELLY.

OTOLOGY

Third Year. Sections in the College Dispensary. Lectures. Professor WHITING, and Drs. CRAIG, 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. STEPHENS and HEALEY.

ROENTGENOLOGY

Third Year. Lectures and demonstrations. Twenty-two hours.
Fourth Year. Lectures and demonstrations. Elective. Professor COLE 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-two 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-two 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. **Anatomy of the Central Nervous System.** Second term. Credit four hours. Twelve actual hours a week. Dissection, with occasional demonstrations and recitations. Professor KERR and 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 and Assistant Professor PAPEZ.

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 four hours; second term, credit five hours. Four laboratory periods and two lectures each week. Professor KINGSBURY.

10a. **Histology.** First term. Credit three hours. Two laboratory periods and one lecture-conference each week. Professor KINGSBURY.

3. **Special Histology and Technique.** First term. Credit three hours. One recitation, demonstration, or lecture. Two laboratory periods, by assignment.

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

ALBERT WILLIAM SMITH, M.M.E., Acting 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.
JAMES LAW, F.R.C.V.S., Professor of Principles and Practice of Veterinary Medicine, Emeritus.
SIMON HENRY GAGE, B.S., Professor of Histology, 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.
WALTER LONG WILLIAMS, Professor of Obstetrics, and Research Professor in the Diseases of Breeding Cattle.
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.
SAMUEL A. GOLDBERG, Ph.D., D.V.M., Professor of Pathology.
WILLIAM ARTHUR HAGAN, M.S., D.V.M., Professor of Bacteriology and Parasitology.
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., M.S., Instructor in Bacteriology.
JAMES WILLIAM BENNER, D.V.M., M.S., Instructor in Special Research in Animal Diseases.
HORATIO LUTHER VAN VOLKENBERG, D.V.M., Instructor in Pathology.
HADLEY CARRUTHERS STEPHENSON, B.S., D.V.M., Instructor in Materia Medica.
HERBERT LESTER GILMAN, D.V.M., M.S., Instructor in Obstetrics.
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 WEST FULLER, Instructor in Poultry Diseases.
ARTHUR JAMES PADDOCK, Student Assistant in Pathology.
EARL LOUIS BRUNETT, Student Assistant in Diagnosis.
HELENA HARRIET HAIGHT, A.B., Clerk of the College.
FRANCES B. VAN ZANDT, Librarian of the Roswell P Flower Library.
LULU M. WILLIAMS, Assistant in the College Office.

JAMES EDWARD 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 Emb yology.
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, B.Sc., 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., Assistant in Histology and Embryology.
OTTO ART DEARTH, B.S., Assistant in Histology and Embryology.

NON-RESIDENT LECTURERS FOR 1920–1921

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, Ohio
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.

CURRICULUM OF FOUR YEARS

First Year

	No. of Course	Credit 1st Term	Credit 2nd 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
		19	17	1144

Second Year

Zoology	1a	—	3	96
Anatomy	5	3	—	256
"	6	3	—	
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
		18	19	1184

Third Year

Animal Husbandry	1 and 2	3	3	128
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	2	2	112
Infectious Diseases, Lectures	42	—	2	32
" " Laboratory	42a	—	1	40
Parasitology	44	3	—	72
Medicine	50	2	3	80
Physical Diagnosis	51	1	—	16
Ophthalmology	55	—	1	16
		19	17	792

Fourth Year

Embryology	9	2	—	56
Milk Hygiene	16	—	1	16
Materia Medica	23	2	—	32
Small Animal Clinic	25	1	1	48
Surgical Clinic	33	2	2	96
Consulting Clinic	34	1	1	48
bstetrics	36	—	3	48
Diseases of the Genital Organs	37	—	2	32
ımmunity	43b	2	—	80
Autopsies	47	1	1	48
Meat Inspection	48	—	1	16
Medicine	50a	3	2	80
Horseshoeing	52	1	1	80
Ambulatory Clinic	53	1	1	48
Hygiene	56	—	1	16
Elective		3	2	96
		19	19	840

For the **Curriculum of Seven Years in Agriculture and Veterinary Medicine,** see p. 143.

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. 187-194.

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 System 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 and Leg.** Second year, first term. Credit three hours. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.

6. **Blood Vessels and Nerves of the Head; the Central Nervous System and Genital Organs.** First term. Credit three hours. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.

7. **Surgical Anatomy.** Second term.
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. **Milk Hygiene.** Fourth year, second term. Professor FISH.

17. **Advanced Physiology.** Five or more hours a week. Professor FISH and assistants.

MATERIA MEDICA AND SMALL ANIMAL CLINIC

20. **Pharmacology.** First and second terms.

21. **Materia Medica and Pharmacy Laboratory.** First term, five hours a week. Second term, two hours a week. Professor MILKS and Instructor STEPHENSON.

22. **Diseases of the Small Animals.** 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 Instructor STEPHENSON.

ZOOLOGY

1a. **Elements of Zoology.** Second year, second term. Credit three hours. Assistant Professor YOUNG and instructor.
Laboratory fee, $4.50.

COLLEGE OF AGRICULTURE

1 and 2. **Course in Feeding and Breeding.** For students in the New York State Veterinary College. Throughout the third year. Credit three hours each term. Professors SAVAGE and WING.

3. **Veterinary Botany.** First year, second term. Credit five hours. Mr. MUENSCHER.
Laboratory fee, $5.

SURGERY

Classroom Work

30. **General Surgery.** Second term, second year. Four recitations or laboratory periods a week. Professor FROST.
Prerequisite courses 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. Professor FROST and Dr. TOWNSEND.

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. Professor FROST and Dr. TOWNSEND. Prerequisites, courses 30 and 31.

34. **Consulting Clinic.** Six actual hours a week for four terms. Professor FROST and Dr. TOWNSEND.

OBSTETRICS AND DISEASES OF BREEDING CATTLE, JURISPRUDENCE

35. **Jurisprudence.** A series of eight lectures given during the second term of the third year.

Obstetrics and Research in the Diseases of Breeding Cattle. The laboratory work in obstetrics consisits in part of obstetric exercises, taught conjointly with surgical exercises as a part of Course 30 (see p. 133). Clinical instruction in obstetrics is given in Courses 34, Surgica Clinic (p. 134), and 53, Ambuatory Clinic (p. 134).

36. **Obstetrics.** Three lectures or recitations a week in the second term of the fourth year. Prerequisite, course 30. PROFESSOR WILLIAMS.

37. **Diseases of the Genital Organs of Cattle, Sterility, Abortion.** Two lectures or recitations a week in the second term of the fourth year. Professor WILLIAMS.

Opportunities for Research. The activities of the department, aside from the instruction work indicated in Courses 36 and 37, are devoted to research work.

COMPARATIVE PATHOLOGY, BACTERIOLOGY AND MEAT INSPECTION

40. **General Pathology.** Second year, first term. Credit two hours. Prerequisites, norma 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.** First and second terms. Credit one hour. 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. HAGAN.

43a. **Bacteriology Laboratory.** Three hours. Dr. HAGAN. Students outside the Veterinary College desiring to register in the course must first apply to the department. The lectures may be taken as a two-hour course.

44. **Parasites.** Third year, first term. Credit two hours. Dr. HAGAN.

44a. **Parasites Laboratory.** One hour. Dr. HAGAN.

45. **Research in Pathology and Bacteriology.** Laboratory work. Prerequisites, courses 40 and 43. Drs. MOORE, GOLDBERG, and HAGAN.

45a. **Haematology.** Second term. Credit two hours. One lecture and one laboratory period a week. Dr. GOLDBERG.

46. **Laboratory Methods of Diagnosis.** Prerequisites, courses 40 and 43. Dr. HAGAN.

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, first term. Credit two hours. Dr. MOORE.

VETERINARY MEDICINE

50. **Veterinary Medicine, Principles and Practice.** Third year, first term. Professor UDALL.

50a. **Veterinary Medicine, Principles and Practice.** Fourth year, first term. Professor UDALL.

51. **Physical Diagnosis.** Second year, second term. Credit one hour.

52. **Horseshoeing.** Fourth year, first term. Assistant Professor H. ASMUS.

53. **Ambulatory Clinic.** Professor UDALL.

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.

STAFF OF INSTRUCTION AND EXTENSION

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.
ISAAC PHILLIPS ROBERTS, M.Agr., Professor of Agriculture, Emeritus.
JOHN HENRY COMSTOCK, B.S., Professor of Entomology and General Invertebrate Zoology, Emeritus.
JOHN LEMUEL STONE, B.Agr., Professor of Farm Practice, Emeritus.
HENRY HIRAM WING, M.S. in Agr., Professor of Animal Husbandry.
THOMAS LYTTLETON LYON, Ph.D., Professor of Soil Technology.
JAMES EDWARD RICE, B.S.A., Professor of Poultry Husbandry.
GEORGE WALTER CAVANAUGH, B.S., Professor of Chemistry in its Relations to Agriculture.
GEORGE NIEMAN LAUMAN, B.S.A., Professor of Rural Economy.
HERBERT HICE WHETZEL, M.A., Professor of Plant Pathology.
GEORGE FREDERICK WARREN, Ph.D., Professor of Agricultural Economics and Farm Management.
WILLIAM ALONZO STOCKING, M.S.A., Professor of Dairy Industry.
WILFORD MURRY WILSON, M.D., Professor of Meteorology.
RALPH SHELDON HOSMER, B.A.S., M.F., Professor of Forestry.
JAMES GEORGE NEEDHAM, Ph.D., Professor of Entomology and Limnology.
ROLLIN ADAMS EMERSON, D.Sc., Professor of Plant Breeding.
HARRY HOUSER LOVE, Ph.D., Professor of Plant Breeding.
DONALD REDDICK, Ph.D., Professor of Plant Pathology.
EDWARD GERRARD MONTGOMERY, M.A., Professor of Farm Crops.
GEORGE ALAN WORKS, B.Ph., M.S. in Agr., Professor of Rural Education.
FLORA ROSE, B.S., M.A., Professor of Home Economics.
MARTHA VAN RENSSELAER, A.B., Professor of Home Economics.
JAMES ADRIAN BIZZELL, Ph.D., Professor of Soil Technology.

GLENN WASHINGTON HERRICK, B.S.A., Profe sor of Economic 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. 142–143.

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 Department 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.

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 satisfy-

ing entrance requirements, but in that case he cannot also receive college credit for it. The college credit examinations are held 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	6
Botany, Zoology, Bacteriology, Chemistry, Physics, Geology, Physical Geography, Mathematics, Drawing	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 most of the courses in Farm Crops and Floriculture.

Botany 20 is prerequisite for Floriculture 3, for professional courses in Forestry, and for courses in Plant Breeding and Pomology.

Chemistry 1 is prerequisite for courses in Home Economics, Pomology, and Soil Technology.

Chemistry 6 is prerequisite for advanced courses in Agricultural Chemistry, Dairy Industry 7, and Soil Technology 5, 6, and 7.

Chemistry 32 is prerequisite for Home Economics 3 and 22, and either course 30 or 32 for advanced courses in Agricultural Chemistry.

Drawing is prerequisite for Rural Engineering 1 and 2.

Economics 51 is prerequisite for Agricultural Economics 10 and 30, Home Economics 120, Poultry Husbandry 9, and Rural Organization 1 and 2.

Economics 55a and 55b are prerequisite for Rural Organization 5 and 12.

Geology 1 is prerequisite for Soil Technology 1.

Physical Geography 5 is prerequisite for Soil Technology 5.

Zoology 1 is prerequisite for Game Farming 2.

Zoology 5 or 11 is prerequisite for Game Farming 3.

Elective Courses

The remainder of the work—seventy-five 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 specialise, 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 schedu'es.

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.

CURRICULUM OF SEVEN YEARS IN AGRICULTURE AND VETERINARY MEDICINE

A regular student may be registered in both the College of Agriculture and the New York State Veterinary College with the following restrictions:

1. Completion of all specifically required courses.
2. Credit of ninety hours, none of which is in the Veterinary College.

3. Permission of both the faculties concerned.

Such a student may be recommended for his degree in the College of Agriculture when he has met the following requirements:

1. Completion of thirty hours, of which not less than twelve shall be for courses taught in the New York State College of Agriculture.

2. Fulfillment of the agricultural elective requirements of the College of Agriculture.

On completion of the remaining three years, if he meets the requirements of the State Veterinary College, he will receive the degree of doctor of veterinary medicine.

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 10, 1920, and closed on February 18, 1921.

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

ELECTIVE COURSES OPEN TO FRESHMEN

Agricultural Chemistry 85; Animal Husbandry 1, 2, 5, 10, 11; Aquiculture 51; Bibliography 1, 2; Biology 1; Botany 1, 2, 3; Chemistry 1, 6, 7; Dairy Industry 1, 6, 14; English 1; Entomology 2, 4, 5; Field Ornithology 6; Floriculture 1, 9; Forestry 1, 2, 3, 4, 5, 6 (by special permission); French 1, 2, 3, 3a, 4, 4a, 4b, 5, 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, 35, 36, 60, 90, 180; Italian 1, 2; Landscape Art 2, 30; Latin A, B, 1, 1a, 2, 3; Mathematics 1, 2, 2E, 3, 5, 6, 6a, 7, 7^1, 7^2, 8, 15; Meteorology 1 Music 1, by examination; Natural History of the Farm 1; Physics 1, 2, 3, 4a, 4b, 7, 10; Physiology 3, 6; Poultry Husbandry 1, 2a, 3, 3a, 10; Rural Education 60; Rural Engineering 3, 20, 30, 51; Spanish 1, 2, 3, 4a, 4b, 5, 5a, 5b; Zoology, 1, 5, 6, 12.

AGRICULTURAL CHEMISTRY

85. **Agricultural Chemistry, General Course.** Second term. Credit four hours. Prerequisite, Chemistry 1. It is recommended but not required that this course be preceded by Chemistry 32, organic chemistry. May be taken with one laboratory period as a five-hour course. Professor CAVANAUGH and Assistant Professor RICE.

86. **Agricultural Chemistry, Introductory Laboratory Course.** Second term. Credit two hours. First term also if more than four students apply. Prerequisite, Chemistry 6 and 32 (or, preferably, Chemistry 7, 12 and 30); to be accompanied or preceded by course 85. Assistant Professor RICE.

87. **Chemistry of Fertilizers and Insecticides.** First term. Credit three hours. Prerequisite, course 85. It is recommended but not required that this course be preceded by course 86 and accompanied by course 88. Professor CAVANAUGH.

88. **Chemistry of Fertilizers and Insecticides, Laboratory Course.** First term. Credit three hours. Prerequisite, course 86; must be preceded or accompanied by course 87. Assistant Professor RICE.

89. **Chemistry of Fertilizers, Advanced Course.** Second term. Credit three or more hours. Prerequisite, courses 87 and 88, or their equivalent. Professor CROSS.

100. **Chemistry of Insecticides and Fungicides, Advanced Course.** First or second term. Credit two or more hours. Prerequisite, courses 87 and 88. Professor CAVANAUGH.

72. **Chemistry of Foods and Food Products.** Second term. Credit two hours. Prerequisite, Chemistry 30 or 32. Professor CAVANAUGH.

102. **Chemistry of Foods, Elementary Laboratory Course.** Second term. Credit two hours. Prerequisite, Chemistry 32. Assistant Professor RICE.

103. **Chemistry of Foods and Food Products, Laboratory Course.** Second term. Credit two hours. First term also if more than four students apply. Prerequisite, Chemistry 6 and 32 (or, preferably, Chemistry 7, 12, and 30). Assistant Professor RICE.

104. **Chemistry of Household Textiles.** Second term. Prerequisite, course 32. For students in home economics. Assistant Professor RICE.

105. **Chemistry of Food and Nutrition, Advanced Course.** First term. Credit three hours. Prerequisite, course 72. Professor CROSS.

106. **Food Analysis, Advanced Laboratory Course.** First term. Credit three hours. Second term also if as many as five students apply. Prerequisite, course 103; must be preceded or accompanied by course 96. Assistant Professor RICE.

107. **Chemistry of Dairy Products.** First or second term. Credit two or more hours. Prerequisite, courses 105 and 106. Professor CAVANAUGH, Professor CROSS, or Assistant Professor RICE.

108. **Chemistry of Fats and Oils.** First or second term. Credit three or more hours. Prerequisite, courses 105 and 106. Professor CROSS.

109. **The Chemistry of Sugars.** First or second term. Credit three or more hours. Prerequisite, courses 105 and 106. Professor CROSS.

110. **Chemistry of Plant Products.** Second term. Credit three or more hours. Prerequisite, courses 105 and 106. 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. 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. Professor LIVERMORE. 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.

[4. **Types of Farming in the United States.** Second term. Credit two hours. Prerequisite, course 2. Professor WARREN.] Not given in 1920–1921.

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 seniors with adequate preparation. Professor BOYLE.

12. **Collective Bargaining.** Second term. Credit two hours. Open to seniors with adequate preparation. Professor BOYLE.

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 juniors and seniors. 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.** First term. Credit two hours. Prerequisite, permission to register. Professor WARREN.

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 30 or 31, 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, LIVERMORE and BOYLE, and Assistant Professors SCOVILLE, MINER, and MYERS.

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 and MR. ALLEN.

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 and Mr. HAINES.

10. **Dairy Cattle.** First term. Credit four hours. Professor WING and Mr. ALLEN.

11. **Beef Cattle, Sheep, and Swine.** First term. Credit three hours.

12. **Meat and Meat Products.** First or second term. Credit three hours. Registration by appointment and limited to forty.

13. **Beef Cattle, Sheep, and Swine, Advanced Course.** Second term. Credit two hours. Prerequisite, course 11.

14. **Commercial Feeding Stuffs.** Second term. Credit two hours. Registration by appointment only, for those who have had a good preliminary training in the use of the microscope. 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 and second terms. Credit two hours a term. 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 WILLIAMS.

31. **Horseshoeing.** Second term. Credit one hour. Limited to thirty seniors. Professor ASMUS.

BOTANY

1. **General Botany.** First and second terms. Credit three hours a term. Professor SCHRAMM, Miss FERNALD, Messrs. WANN, MUENSCHER, EYSTER, RANDOLPH, CLUM, WILSON, MARTIN 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. BECHTEL. 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. Professor EAMES.] Not given in 1920–1921. Laboratory fee, $4.

5. **Grasses.** Second term. Credit two hours. Prerequisite, course 1 or its equivalent. Professor WIEGAND. Laboratory fee, $2.

6. **Taxonomy of the Higher Plants.** Second or third term. Credit four hours. Prerequisite, course 1 or its equivalent. Professor WIEGAND, and Messrs. BECHTEL and MUENSCHER. Laboratory fee, $4; deposit, $2.

6a. **Advanced Field Course in Taxonomy.** Third term in alternate years. Credit four hours. Given in 1920. Prerequisite, course 6 or its equivalent. Professor WIEGAND. Laboratory fee, $4; deposit, $2.

7. **Weeds and Weed Seeds.** Third term. Credit two hours. Prerequisite, course 1 or its equivalent. Mr. BECHTEL. Laboratory fee, $2.

9. **Histology.** First term and alternate third terms. Credit four hours. Not given third term 1920. Prerequisite, course 1 or its equivalent. Professor EAMES. Laboratory fee, $5.

10. **Cytology.** Second term. Credit four hours. Prerequisite, course 1 or its equivalent. Assistant Professor SHARP and Mr. WANN. Laboratory fee, $5.

11. **Methods in Histology and Cytology.** First term and alternate third term. Credit three hours. Not given in third term 1920. Prerequisite, course 1 or its equivalent. Professor EAMES, Assistant Professor 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. Courses 12, 13, 14, and 15, one term each, are designed to cover the field of comparative morphology. 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, 1921–1922; second term, 1920–1921; third term, 1920. Prerequisite, course 1 or its equivalent. Assistant Professor SHARP and Messrs. WANN and RANDOLPH. Laboratory fee, $5. (See statement under course 12.)

14. **Comparative Morphology of Spermatophytes.** Alternate second or third terms. Credit four hours. Second term, 1921–1922; third term, 1920. Prerequisite, course 1 or its equivalent, and course 13. Professor EAMES, Assistant Professor SHARP and Messrs. WANN and RANDOLPH. Laboratory fee, $5. (See statement under course 12.)

15. **Comparative Morphology of Fungi.** First term. Credit two hours. Prerequisite, course 1 or its equivalent. Professor SCHRAMM. Laboratory fee, $2.50.

20. **Plant Physiology.** First or second term. Credit four hours. Prerequisite, all freshman work or its equivalent, and course 1. This course may be taken to satisfy the college requirement in physiology. Professor KNUDSON, Assistant Professor CURTIS, and Messrs. BRANNON and NANZ. Laboratory fee, $4; breakage fee, $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. Professor KNUDSON or Assistant Professor CURTIS.

21a. **Plant Physiology, Advanced Lecture Course.** Third term. Credit four hours. Prerequisites, as in course 21. Professor KNUDSON.

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. BRANNON. Laboratory fee, $5; breakage deposit, $2.

22a. **Plant Physiology, Advanced Laboratory Course.** Third term. Credit four hours. Requirements as in course 22. Professor KNUDSON.

Courses 21 and 22 or 21a and 22a are comprehensive courses and are recommended for students specialising 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 1920–1921. Laboratory fee, $5.

Courses Intended Primarily for Graduate Students

18. **Research in General Botany, Taxonomy, Histology, Cytology, and Algae.** Throughout the year. Credit not less than three hours a term. Professors WIEGAND, SCHRAMM, and EAMES, and Assistant Professor SHARP.

19. **Seminary in Taxonomy, Morphology, Cytology, and Histology.** Throughout the year. Required of graduate students in these subjects. Professor EAMES and Assistant Professor 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 1920.

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 Mr. PERRY. Laboratory deposit, $3, part returnable.

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 Mr. 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. Assistant Professor FIRK. 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. WHITING, DOWNS, and MOON. 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 Ross and assistant.

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. Professor Ross and assistant. Laboratory deposit, $3, part returnable.

7. **Testing and Composition of Dairy Products, Advanced Course.** Second term. Credit two hours. Prerequisite, course 1 and Chemistry 6. Open to juniors, seniors, and graduate students. Professor TROY, Assistant Professor MCINERNEY and Mr. PERRY. Laboratory deposit, $5, part returnable.

8. **Dairy Bacteriology.** Second tern. 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. WHITING and DOWNS. 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 Mr. JACKSON. Laboratory deposit, $4, part returnable.

10. **Fancy Cheese.** Second term. Credit two hours. Prerequisite, courses 1 and 3. Assistant Professor FISK. Laboratory deposit, $2, part returnable.

11. **Ice Cream.** Second term. Credit two hours. Prerequisite, courses 1 and 14 or their equivalent. Assistant Professor FISK. Laboratory deposit, $2, part returnable.

12. **Seminary.** First or second term. Credit one hour. For advanced students; required of graduate students taking work in the department. Professors STOCKING, ROSS, TROY, and GUTHRIE, and Assistant Professors FISK and MCINERNEY.

13. **Research.** First or second term. Credit one or more hours, by arrangement. For advanced students. Professors STOCKING, ROSS, TROY and GUTHRIE, and Assistant Professors FISK and MCINERNEY. Laboratory deposit, $2 for each credit hour, part returnable.

14. **General Agricultural Bacteriology.** First term. Credit three hours. Professor STOCKING and Messrs. WHITING and DOWNS. Laboratory deposit, $4, part returnable.

15. **Bacteriology for the Home.** Second term. Credit three hours. Professor STOCKING and Messrs. WHITING and MOON. Laboratory deposit, $4, part returnable.

19. **Cheddar Cheese, Advanced Course.** Second term. Credit two hours. Prerequisite, a good record in course 3. Assistant 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. Students who have taken or are taking botany or zoology or the equivalent may begin with the second term of this course. Professor NEEDHAM, Assistant Professor CLAASSEN, Dr. HAUSMAN, and assistants. Laboratory fee, $2.50.

Introductory Entomology

For advanced work in entomology a reading knowledge of French or German is essential. Chemistry 1 and 6 or their equivalents are highly desirable.

1. See Biology, course 1.

2. **The Ecology of Insects.** Third term. Credit three hours. Professor NEEDHAM and Dr. WELLHOUSE. Laboratory fee, $2.50.

3. **General Entomology.** First or third term. Credit three hours. Prerequisite, course 1, Zoology 1, or Botany 1. First term. Professor HERRICK, and Messrs. DETWILER and BUYS. Third term. Assistant Professor MATHESON and Mr. LUNDIE.

The lectures only (two hours) are taken by those who have had courses 4 and 5. Laboratory fee, $1.50.

3a. **General Economic Entomology.** Second term. Credit three hours. Prerequisite, course 3. Professor HERRICK, and Messrs. DETWILER and BUYS. Laboratory fee, $1.50.

4. **Elementary Morphology of Insects.** First, second, or third term. Credit three hours Professor JOHANNSEN and Dr. WELLHOUSE. Laboratory fee, $2.

5. **Elementary Systematic Entomology.** First, second or third term. Credit two hours. Prerequisite, course 4. Professor BRADLEY and Dr. WELLHOUSE Laboratory fee, $2.

Apiculture

[9. **General Beekeeping.** Second or third term. Credit three hours. Prerequisite, first term of course 3.] No given in 1920–1921. Laboratory fee, $2.

Systematic Entomology

10. **Entomotaxy.** Third term. Credit two or three 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 NEEDHAM, JOHANNSEN, MATHESON and BRADLEY, and co-operating specialists. Primarily for graduate students. Laboratory fee, $4.50.

I. Coleoptera. First term, 1920-1921. Professor BRADLEY
A. Heteroptera, Physopoda, Mallophaga. Second term, 1920–1921. Professor JOHANNSEN.
B. Homoptera. Summer term, 1921. Professor BRADLEY.
[D. Lepidoptera.] Not given in 1920–1921.
[E. Diptera.] Not given in 1920–1921.
[F. Neuroptera.] Not given in 1920–1921.
[G. Hymenoptera.] Not given in 1920–1921.
[H. Orthoptera.] Not given in 1920–1921.

13. **Classification of the Coccidae.** First term. Credit two hours. Prerequisite, courses 4, 5, and 11. Professor BRADLEY. Laboratory fee, $3.

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.** First term. Without credit. Open to advanced students in entomology who have an elementary knowledge of German. Professor JOHANNSEN.

28. **French Entomological Reading.** Second 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, course 3. Assistant Professor MATHESON and Mr. MEUSEBECK. Laboratory fee, $2.

31. **Relations of Insects to Disease.** Second term. Credit two hours. Prerequisite, first term of course 3. Assistant Professor MATHESON. 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 HEBRICK.

49. **Research in Economic Entomology.** Throughout the year. Credit three or more hours a term. Prerequisite, courses 3, 4, and 5. Professor HEBRICK, Assistant Professor MATHESON, and Mr. MEUSEBECK.

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 two hours. Professor EMBODY. Fee, $7.

52. **Fish Culture.** First, second, and third terms. Credit one or two hours a term. Must be preceded or accompanied by course 51. Professor EMBODY. Laboratory fee, $2.50 a credit hour.

53. **Minute Fresh Water Fauna and Plankton.** First and second terms. Credit one hour a term. 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. Not offered first term, 1920–1921.

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. 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.] Not given in 1920–1921. 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 Mr. DUNN.

2. **Extension Work.** Second term. Credit two hours. Prerequisite, course 1, of which course 2 is a continuation. Professors EVERETT and WHEELER, and Mr. DUNN.

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. Professor ADAMS and Assistant Professor ATWOOD.

8. **Agricultural Information Service.** Second term. Credit two hours. Prerequisite, course 5. Professor ADAMS and Assistant Professor ATWOOD.

FARM CROPS

1. **Cereals, Forage Crops, and Miscellaneous Crops.** First or second term. Credit four hours. To be preceded or accompanied by Soils 1 and Botany 1. Laboratory fee, $2.

4. **Special Cash Crops.** First or second term. Credit three hours. To be preceded or accompanied by course 1. Assistant Professor HARDENBURG. Laboratory fee, $2.

5. **Farm Crops, Advanced Course.** First or third term. Credit three hours. Prerequisite, course 1. Primarily for graduate students. Professor MONTGOMERY.

6. **Systematic Farm Crops.** Third term. Credit two or more hours. Primarily for graduate students. Assistant Professor WIGGANS.

7. **Seminary.** First term. Without credit. Required of graduate students. Members of the departmental staff.

8. **Research.** Throughout the year. Two or more hours a term. Prerequisite, permission to register. The student will usually be required to remain during one third term in order to work out experimental problems. Limited to graduate students. Professor MONTGOMERY and Assistant Professors WIGGANS and HARDENBURG.

Division of Vegetable Gardening

NOTE: Since much of the subject matter in course 11 is repeated in course 13, credit is not allowed for both courses.

11. **Principles of Vegetable Gardening.** Second term. Credit three hours. Must be preceded or accompanied by Botany 1 and Soils 1. Professor H. C. THOMPSON and Assistant Professor SCHNECK. Laboratory fee, $2.

12. **Vegetable Gardening, Advanced Course.** Second term. Credit two hours. Prerequiste, course 11. Professor H. C. THOMPSON.

13. **Home Vegetable Gardening.** Second term. Credit three hours. Assistant Professor SCHNECK. Laboratory fee, $2.

14. **Vegetable Forcing.** First term. Credit three hours. Must be preceded by course 11. Assistant Professor SCHNECK. Laboratory fee, $2.

15. **Systematic Olericulture.** Offered in summer term if as many as five students register. Credit two hours. Prerequisite, course 11. Professor WORK. Laboratory fee, $2.

16. **Research.** Throughout the year. Credit three or more hours a term. For graduate students only. Students will usually be required to remain during one summer in order to work out experimental problems. Professors WORK and H. C. THOMPSON and Assistant Professor SCHNECK.

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.

FLORICULTURE

Instruction in floriculture is planned for the following classes of students: (1) those who intend to make some branch of commercial flower growing their life work; (2) those who plan to enter a retail business; (3) those who are interested in amateur flower growing for pleasure and for home decoration; (4) those who plan to take up some line of work on private estates or in city parks. With this object in mind, courses have been outlined that give students a thorough knowledge and training in some one or in several of these features. Courses 3 and 4 should not be elected until courses in botany, soils, plant physiology, plant pathology, plant breeding, and economic entomology have been taken. A broad foundation is thus laid on which to build the scientific principles of commercial flower growing.

1. **Principles and Methods of Greenhouse Practice.** First term. Credit three hours. Assistant Professor ——— and Miss MINNS. Laboratory fee, $2.50.

2. **Greenhouse Construction.** Second term. Credit three hours. Assistant Professor——— and Mr. PRATT. Laboratory fee, $1.

3. **Commercial Floriculture.** First term. Credit four hours. Prerequisite, courses 1 and 2, Botany 1 and 20, and Soils 1. Professor WHITE and Mr. PRATT. Laboratory fee, $2.

4. **Commercial Floriculture.** Second or third term. Credit four hours. Prerequisite, course 3. Professor WHITE and Mr. PRATT. Laboratory fee, $2.

6. **Floral Arrangement.** Second term. Credit one hour. Professor WHITE and Miss MINNS. Laboratory fee, $4.50.

7. **Conservatory Plants.** Second term. Credit two hours. Prerequisite, course 1. Fee, $1.

8. **Garden Flowers.** Second or third term. Credit three hours. Prerequisite, Botany 1. Assistant Professor———, Miss MINNS, and Mr. PRATT. Laboratory fee, $2.

8a. **Grouping and Arranging of Annuals and Herbaceous Perennials.** Second or third term. Credit two hours. Prerequisite, course 8.

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.** Second term. Credit two hours. Designed primarily for seniors and graduate students. Professor BEAL.] Not given in 1920–1921.

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.

13. **Seminary.** First and second terms. Credit one hour a term. Required of advanced students who elect course 12, and of all graduate students. 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. Mr. GUISE. Laboratory fee, 50 cents.

Students expecting to take courses 2 and 3 should not elect course 1, as the ground covered in course 1 is repeated in courses 2 and 3.

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 HOSMER. Laboratory fee, $1.

4. **Forest Resources of New York State.** Second term. Credit two hours. Professor RECKNAGEL.

5. **Conservation of Natural Resources.** Second term. Credit two hours. Professor ADAMS.

Courses intended both for professional forestry students and for 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. Mr. 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. Laboratory fee, $1.50

12. **Forest Management.** Second term. Credit three hours. Prerequisite, courses 11, 14, and 15. Professor RECKNAGEL and Mr. 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, course 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 assistant. 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.

21. **Forest Administration.** Second term. Credit two hours. Prerequisite, course 20. Professor RECKNAGEL.

22. **Seminary.** First and second terms. Two hours a term. Open only to graduate students. Professors HOSMER, SPRING, RECKNAGEL, and BENTLEY, and Mr. 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 Mr. 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 Mr. GUISE.

HOME ECONOMICS

Foods and Nutrition

1. **Cookery, Introductory Course.** First 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 Miss NOBLE. Laboratory fee, $10.

3. **Foods, Elementary 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 NOBLE. Laboratory fee, $14 a term.

9. **Food Preparation, Advanced Course.** First or second term. Credit three hours. Open to seniors only. Prerequisite, course 3. Assistant Professor BOYS. Laboratory fee, $14.

22. **Nutrition and Dietetics.** Second term. Credit five hours. Should be taken in the junior year. Prerequisite, course 3, Chemistry 32, and Biochemistry 14. Professors ROSE and MONSCH, and Assistant Professor HENRY. 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.** Second term. Credit three hours. Should be taken in the senior year. Required of those specializing in dietetics. Prerequisite, course 22 or its equivalent. Professor GRAVES. Laboratory fee, $3.

25. **Community Food Problems.** Second term. Credit two hours. Prerequisite, course 22. Professor GRAVES and others.

31. **Foods and Nutrition, Teachers' Course.** First or second term. Credit two hours. Open only to students preparing to teach. Prerequisite, course 22. Professor MONSCH.

35. **Foods and Nutrition, Survey Course.** Second term. Credit two or four hours. The lectures may be taken without the laboratory. No student will be admitted to the laboratory who is not registered in the lectures. Professors ROSE and MONSCH, and Assistant Professor BOYS. Laboratory fee, $14.

36. **Foods and Nutrition, Survey Course.** Second term. Credit two or three hours. Similar to course 35 but open only to men students. The lectures may be taken without the laboratory. No student will be admitted to the laboratory who is not registered in the lectures. Home Economics Building 270. Professors ROSE and MONSCH, and Assistant Professor BOYS. Laboratory fee, $7.

Institution Management

40. **Organization and Management in Institutions.** First and second terms. Credit four hours a term. Open to seniors only. Required of all students specializing as dietitians. Laboratory fee, $5 a term.

41. **Marketing.** Second term. Credit three hours. Open to seniors only. Required of all students specializing as dietitians. Probable cost of trip, $50.

50. **Institution Accounts.** First or second term. Credit four hours. Required of all students in institutional management. Open to juniors and seniors only. Miss HEALEY.

Clothing and Textiles

60. **Clothing and Textiles, Introductory Course.** Second term. Credit three hours. Should be taken in the freshman year. Required of all students in Home Economics. Assistant Professor BLACKMORE, and Misses JAKWAY and ALLEN. Laboratory fee, $3.

61. **Dressmaking, Survey Course.** First term. Credit three hours. Should be taken in the sophomore year by students not desiring to teach clothing subjects. Miss JAKWAY. 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, 90, 105, and 107. Prerequisite or parallel, Rural Education 2 and 4. Assistant Professor HUNTER.

80. **Elementary Millinery.** First or second term. Credit two hours. Prerequisite, course 60 or its equivalent. Miss HILLHOUSE. Laboratory fee, $3.

81. **Advanced Millinery.** First or second term. Credit two hours. Prerequisite, courses 60 and 80. Miss HILLHOUSE. Laboratory fee, $3.

90. **Textiles.** First term. Credit two hours. Should be taken first term of sophomore year. Required of all students in home economics. Assistant Professor BLACKMORE. 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.

101. **House Planning.** First and second terms. Credit two hours each term. First term required of juniors; second term elective. Professor YOUNG.

[102. **Environmental Art.** Second term. Credit one hour. Should be taken in the junior year. Required of all students in home economics.] Not given in 1920–1921.

[105. **Color.** First term. Credit two hours. Should be taken in the sophomore year. Required of all students in home economics. Prerequisite, course 60. Professor WARNER.] Not given in 1920–1921. Laboratory fee, $4.

[107. **Costume 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.] Not given in 1920–1921. 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.] Not given in 1920–1921. Laboratory fee, $4 a term.

[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.] Not given in 1920–1921. Laboratory fee, $3.

Household 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.** First or second term. Credit three hours. Required of seniors in home economics. Laboratory fee, $24.

135. **History of Housekeeping.** Second term. Credit two hours. Open to sophomores, juniors, and seniors. Professor HAZARD.

Health in the Home

140. **Health in the Home.** First term. Credit three hours. Required of all students in home economics in the junior or senior year. Prerequisite, Bacteriology. Assistant Professor REYNOLDS.

Extension

160. **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 1, Public Speaking 1, and Rural Social Organization 1. Professor VAN RENSSELAER. Laboratory fee, $5 a term.

Supervised Study

180. **Supervised Study.** First term. Credit one hour. Open only to freshmen in home economics, and required of them. Professor HAZARD.

Women in Household, Industrial, and Political Life

190. **Woman and the Family.** Second term. Credit three hours. Professor VAN RENSSELAER.

200. **Women in Industry.** First term. Credit three hours. Open to juniors and seniors. Professor HAZARD.

205. **Employees' Service Supervision.** Second term. Credit three hours. Open to seniors and graduate students who have taken course 200, and preferably to those who are specializing in institutional management. Professor HAZARD.

210. **Woman and the State.** Second term. Credit three hours. May be elected by juniors and seniors. Professor HAZARD.

Special Problems

220. **Special Problems.** First and second terms. Credit and hours by arrangement. Open only by special arrangement 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.

LANDSCAPE ART

Description of Courses

Instruction is given in the Landscape Art Building

2. **A Brief Introduction to Landscape Design.** First and second terms. Credit two hours a term. Professor DAVIS.

3. **History of Landscape Design.** First term. Credit two hours. Open to general election, and intended for sophomores in landscape art. Professor DAVIS. Laboratory fee, $1.

4. **Theory and Aesthetics of Landscape Design.** First term. Credit one hour. Prerequisite, course 3. This course is intended primarily for students specializing in this department and is correlated with course 9. Professor DAVIS.

4a. **Theory: Planning of Private Properties.** First term. Credit one hour. Prerequisite, course 3, and, for students specializing in landscape art, course 4. Professor DAVIS.

4b. **Theory: Planning of Public Properties.** Second term. Credit three hours. Prerequisite for landscape students only, courses 3 and 4. 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, 4, 4a, 9, 13, 30, and 32, and Architecture 111, 112, 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 1920–1921. 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 11a. 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 1920–1921, but offered in the third term 1921.

[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 1920–1921.

*18. **Planting Design, Advanced Course.** First term. Credit three or eight hours. Interelated with course 15. Prerequisite, course 17. Intended for seniors in landscape art.

20. **Propagation.** First and second terms. Credit from two to four hours a term. Mr. HUNN.

30. **Free-hand 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.

32. **Free-hand 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 juniors, 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. Whereas these lectures are open to the public, they are intended to augment departmental instruction and should be of special interest to the students in landscape art.

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.

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*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.

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.** First term. Credit two hours. Not open to students who have had course 1 or 2. Mr. MORDOFF.

11. **Research.** First and second terms. Credit one or more hours a term. Prerequisite, permission to register. Professor W. M. WILSON.

THE NATURAL HISTORY OF THE FARM

1. **The Natural History of the Farm.** First or second term. Credit one hour. Mr. DETWILER and assistants. Fee, $2.

PLANT BREEDING

1. **Genetics.** First term. Credit four hours, or, by special arrangement, three hours. Prerequisite, Botany 1 and 20, or equivalents in zoology and physiology. Professor HUTCHISON, Assistant Professor FRASER, and Mr. DORSEY. Laboratory fee, $3.

8. **Methods of Plant Breeding.** Second term. Credit two hours. Prerequisite, course 1. Assistant Professor FRASER.

Advanced and Graduate Courses

11. **Biometry.** First term. Credit two hours. For graduate students only. Professor LOVE.

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 and FRASER.

17. **Seminary.** First and second terms. For graduate students only. Professors EMERSON, LOVE, MYERS, and HUTCHISON, and Assistant Professors BUSSELL and FRASER.

PLANT PATHOLOGY

1. **General Plant Pathology.** First, second, or third term. Credit three hours. Prerequisite, Botany 1 or its equivalent. Professor WHETZEL and Assistant Professor DYE. Laboratory fee, $4.50; breakage deposit, $3.

2. **Principles of Plant Disease Control.** Second term. Credit three hours. Prerequisite, course 1. Professor WHETZEL and Assistant Professor DYE. Laboratory fee, $4.50; breakage deposit, $3.

9. **Forest Pathology.** Second term. Credit two hours. Prerequisite, course 1. Professor WHETZEL.

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 and Mr. CHARDON. Laboratory fee, $6; breakage deposit, $3.

[14. **Mycology.** First and second terms. Credit four hours. Prerequisite, Botany 1 or its equivalent. Assistant Professor FITZPATRICK and Mr. CHARDON.] Not given in 1920–1921.

17. **History of Plant Pathology.** First and second terms. Credit one hour. Prerequisite, course 1 and reading knowledge of French and German. Professor WHETZEL.

19. **German Phytopathological Reading.** First and second terms. Without credit for undergraduate students. Professor WHETZEL.

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.** First or second term. Credit three hours. Prerequisite, for regular students Botany 1, Chemistry 1, and the farm practice requirements. Professor HEINICKE, Assistant Professor MACDANIELS and assistants. Laboratory fee, $3.50; deposit $1.

8. **Fruit Varieties: Exhibits, Identification, Judging.** First term. Credit one hour. Must be preceded or accompanied by course 1. Assistant Professor MACDANIELS. 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 Soils 1. Professor RUHE.] Not given in 1920–1921. Laboratory fee, $3.50.

10. **Economic Fruits of the World.** Second term. Credit two hours. Prerequisite, courses 1 and 8 and permission to register. Assistant Professor MACDANIELS. Laboratory fee, $1.

11. **Orchard Field Trip.** Credit one hour. Prerequisite, courses 1 and 8, and permission to register. To be taken during the three weeks preceding the opening of the first term. Professor HEINICKE and Assistant Professor MACDANIELS.

12. **Experimental Pomology.** Second or third term. Credit three hours. Prerequisite courses 1 and 8, and permission to register; must be preceded or accompanied by Botany 20, Plant Pathology 1, Entomology 3, and Soils 1. Professors CHANDLER and HEINICKE.

13. **Pomology, Advanced Laboratory Course.** Third term. Credit one hour. Must be preceded or accompanied by course 12, and requires permission to register. Professor HEINICKE, Assistant Professor MACDANIELS and assistants. Laboratory fee, $2.

19. **Research.** Throughout the year. Credit one or more hours a term. Prerequisite, course 12, and permission to register. Professors CHANDLER, REES, HEINICKE and Assistant Professor MACDANIELS.

20. **Seminary.** Once each month throughout the year. Required of graduate students in pomology. Members of the departmental staff.

POULTRY HUSBANDRY

1. **Poultry Husbandry.** First term. Credit three hours. Professors RICE, BENJAMIN, and KENT, Assistant Professor HEUSER, and Mr. CARD.

1a. **Poultry Husbandry.** Second term. Credit two hours. Prerequisite, course 1. Mr. CARD.

2. **Poultry Feeds and Feeding.** First term. Credit two hours. Prerequisite, course 1 or 10, and Animal Husbandry 1. Assistant Professor HEUSER.

2a. **Flock Management.** First, second, or third term. Credit one hour. Must be preceded or accompanied by course 2 or 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 1a or by course 10.

3a. **Brooder Practice.** Second, or third term. Credit one hour. Must be preceded or accompanied by course 1a or by course 10. Mr. CARD.

4. **The Breeds of Poultry and Judging.** First term. Credit two hours. Prerequisite, course 1 or 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 1 or 10, and course 4. Professor KENT.

5. **Poultry-House Design and Construction.** Second term. Credit two hours. Prerequisite, course 1 or 10, and permission to register.

7. **Market Products.** First term. Credit two hours. Must be preceded or accompanied by course 1 or 10. Professor BENJAMIN.

7a. **Marketing Practice.** First, second, or third term. Credit one hour. Prerequisite, course, 7, and permission to register. Professor BENJAMIN.

8. **Poultry Farm Management.** Second term. Credit two hours. Prerequisite, courses 1, 1a, 2, 4, 4b, 5, and 7; must be preceded or accompanied by courses 2a, 3, and 3a, and by Farm Management 2. Professor RICE.

9. **Commercial Marketing.** First term. Credit three hours. Prerequisite, course 7, Economics 51, and permission to register. Professor BENJAMIN.

10. **Farm Poultry.** Second or third term. Credit three hours. Professors RICE, BENJAMIN, and KENT, Assistant Professor HEUSER and Mr. CARD.

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

2. **Educational Psychology.** First and second terms. Credit four hours, and alternate third terms, credit three hours. Given in third term, 1920. Open to juniors, seniors, and graduate students. Professor KRUSE and Assistant Professor FERRISS.

4. **Principles of Teaching.** First and second terms, and alternate third terms. Credit three hours. Not given third term, 1920. Open to juniors and seniors who have completed course 2 or its equivalent. Professors BUTTERWORTH and BRIM.

6. **Agriculture in the High School.** First, second, or third term. Credit three hours. Not given third term, 1920. Open to students who have completed courses 2 and 4, and who have met the farm practice requirements. Professors STEWART and EATON.

7. **Home Economics in the High School.** First and second terms. Credit three hours. First term, seniors; second term, juniors. Acting Professor BINZEL.

8. **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 and home economics. Professors STEWART and EATON, and Acting Professor BINZEL.

9. **The Organization of Junior Project Work.** First term. Credit two hours. Professor WRIGHT and Miss JOHNSON.

10. **Educational Measurement.** First term, and every third year in the third term. Credit two hours. Given in third term, 1920. Open to graduate students only. Professor KRUSE.

[12. **Social and Vocational Aspects of Education.** Second term, and every third year in the third term. Credit three hours. Designed for graduate students. Professor STEWART.] Not given in 1920–1921; offered in third term 1922.

14. **Organization of Teacher Training for Vocational Agriculture.** Second term. Credit two hours; third term, credit three hours. Open to graduate students only. 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.

18. **State and County School Administration.** First term, and every third year in the third term. Credit three hours. Given in third term, 1921. Open to graduate students only. Professor BUTTERWORTH.

19. **Seminary in Rural School Administration.** Second term. Credit two hours. Open to graduate students only. Professor BUTTERWORTH.

20. **Administration and Supervision of Vocational Agriculture.** Second and third terms. Credit three hours. Open to graduate students only. Professor WORKS.

22. **Educational Psychology.** First term. Credit three hours. For graduate students. Open to other mature students only by permission of instructor. Professor KRUSE.

24. **Rural School Supervision.** Second term, and every third year in the third term. Credit four hours. Given third term, 1921. For graduate students primarily. Professor BRIM.

25. **Research in Rural Education.** Throughout the year. For graduate students only. Professors WORKS, STEWART, KRUSE, BUTTERWORTH and EATON, 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, and EATON, Acting Professor BINZEL, and Assistant Professors FERRISS and PALMER.

60. **Nature Study.** First term. Credit three hours. Professor COMSTOCK.

61. **Nature Study.** Third term. Credit three hours. Professor COMSTOCK.

62. **Nature Study, Advanced Course.** First term. Credit three hours. Prerequisite, course 61, or Biology 1. Professor COMSTOCK.

63. **Nature Study.** First term. Credit one or more hours. Open only to prospective teachers. Professor COMSTOCK.

65. **Conference on Nature Study.** First term. Credit one hour. Open to teachers or prospective teachers of nature study. Assistant Professor PALMER.

RURAL ENGINEERING

For students in agriculture who are not specialising in rural education, courses in shop work are given in the Sibley School of Mechanical Engineering. They are made up of exercises particularly adapted to the needs of students intending to return to the farm. In forge work, 84, one or more hours may be taken; in wood working, 87, the minimum registration is two hours, and more work may be taken if desired.

[1. **Farm Field Machinery.** First term. Credit three hours. Prerequisite, course 3 and course 51 or reasonable and approved proficiency in drawing. Professor RILEY, Assistant Professor FAIRBANKS, and assistant.] Not given in 1920–1921. Laboratory fee, $2.

2. **Farm Power Machinery.** Second term. Credit three hours. Intended for seniors or juniors and not open to freshmen. Prerequisite, course 3 and course 51, or reasonable and approved proficiency in drawing and permission to register. Assistant Professor FAIRBANKS and assistant. 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, and assistants. Laboratory fee, $2.

4. **Dairy Mechanics.** First term. Credit two hours. Professor RILEY, Assistant Professor FAIRBANKS, and assistants. Laboratory fee, $3.

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 two hours. Assistant Professor REYNA. Laboratory fee, 50 cents.

41. **Farm Shop Work.** First or second term. Credit three hours. Open only to prospective teachers of high-school agriculture. 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 and second terms. Credit four hours. Prerequisite, Economics 51, or its equivalent. Professor SANDERSON and Acting Professor W. S. THOMPSON. Laboratory fee, $1.50.

2. **The Rural Family.** First term. Credit three hours. Prerequisite, course 1. Acting Professor W. S. THOMPSON.

5. **The Rural Community.** Second term. Credit three hours. A seminary course primarily for graduate students. Prerequisite, course 1 and Economics 55a and 55b, or equivalent. Professor SANDERSON.

12. **Social Pathology of Rural Communities.** First term. Credit three hours. A seminary course primarily for graduate students. Prerequisite, course 1 and Economics 55a and 55b, or equivalent. Acting Professor W. S. THOMPSON.

15. **Research in Rural Social Organization.** Throughout the year. For graduate students only. Professor SANDERSON and Acting Professor W. S. THOMPSON.

SOIL TECHNOLOGY

1. **Principles of Soil Management.** First term. Credit five hours. Prerequisite, Chemistry 1 and Geology 1. Professor BUCKMAN. Laboratory fee, $2.

3. **Practical Soil Management.** First term, 1920–1921, and alternate years. Credit two hours. Prerequisite, course 1. Professor WORTHEN.

5. **Soil Surveying, and Mechanical Soil Analysis.** First term, 1920–1921, and alternate years. Credit three hours. Prerequisite, course 1, Physical Geography 5, and Chemistry 6. Professors BUCKMAN and BIZZELL. Laboratory deposit, $3.

6. **Soils, Advanced Course.** First term. Credit three hours. Prerequisite, course 1 and Chemistry 6. Professor BIZZELL.

7. **Soil Bacteriology.** Second term. Credit three hours. Prerequisite, course 1, Dairy Industry 4, and Chemistry 6. Professor J. K. WILSON. Laboratory deposit, $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.

VEGETABLE GARDENING

See Farm Crops

WILD LIFE CONSERVATION AND GAME FARMING

1. **The Conservation of Wild Life and Game Farming.** First term. Credit two hours. Professors RICE, NEEDHAM, and EMBODY, Assistant Professor ALLEN, Mr. KRUM, and co-operating specialists.

2. **Game Farming, Laboratory Course.** Second term. Credit one hour. Prerequisite, course 1, and Zoology 1. Should be preceded by as much ornithology as possible. Mr. KRUM and assistant.

3. **Fur Farming.** First term. Credit one hour. Prerequisite, course 1 and Zoology 5 or 11. Assistant Professor ALLEN and Mr. LEISTER.

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. 187–194.

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

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
FRANCKE HUNTINGTON BOSWORTH, jr., A.B., Dean of the College of Architecture, 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, Assistant Professor of Freehand Drawing and Modeling.
LEROY P. BURNHAM, B.S. Arch., 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., Instructor in Architecture.
WALTER KING STONE, Assistant Professor of Drawing.

Students in the College of Architecture also receive instruction from a large corps of professors and instructors in the Colleges of Arts and Sciences, Engineering, and Agriculture (Department of Landscape Design); and each year men distinguished in architecture or in allied professions are invited to lecture before the College.

THE DEGREES OF BACHELOR OF ARCHITECTURE, BACHELOR OF SCIENCE IN 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, Bachelor of Science in 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 four years in construction leading to the degree of Bachelor of Science in Architecture.
3. The curriculum of five years in architecture leading to the degree of Bachelor of Architecture.
4. The curriculum of five years in construction leading to the degree of Bachelor of Science in Architecture.
5. 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 and in Hygiene, see p. 199.

Admission as Special Students not Candidates for Degrees

Applicants may, without formal examination, be admitted to the two-year special course in architecture, provided they give satisfactory evidence of ability to do the required work of the course and have neither been previously admitted

to the University nor refused as candidates for admission. For admission to this two-year special course, the applicant must be at least twenty-one years of age; he must have had a good high school training or its equivalent, including particularly a good working knowledge of plane geometry and of algebra through quadratic equations; and should be familiar with the details and proportions of the classic orders of architecture. He shall have had at least three years' experience in some good architect's office, or its equivalent, and shall submit with his application examples of his draftsmanship. Architectural drawings in particular are required, but it is to the applicant's advantage to submit any additional work that would tend to show his artistic ability or skill as a draftsman. The application should be accompanied by a certificate that the drawings submitted are the work of the applicant.

FOUR-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF ARCHITECTURE

First Year

Course	No. of Course	1st Term	2d Term
Theory of Architecture	101	1	0
Architectural Design	111–112	3	3
Elements of Drawing	131–132	3	3
Elements of Color	133–134	1	1
History of Architecture	142	0	3
Descriptive Geometry	151–152	2	3
Analytical Geometry and Calculus	8	3	3
English	1	3	0

Second Year

Theory of Architecture	201	1	0
Architectural Design	311–312	6	6
Water Color	231	3	0
Life Class	232	0	2
History of Architecture	241–242	3	3
Mechanics	321	2	0
Strength of Materials	322	0	2
Graphic Statics	324	0	1
Perspective	252	0	1
Materials of Construction	361	2	0
Masonry Construction	362	0	2

Third Year

Architectural Design	411–412	6	6
Structural Design	421–422	3	2
Drawing from Antique	331	3	0
History of Painting and Sculpture	341–342	1	1
Carpentry	461	2	0
Heating and Plumbing	462	0	2
English		0	3
Electives		3	4

Fourth Year

Architectural Design and Thesis	511–512	10	10
History of Modern Architecture	542	0	2
Working Drawings and Specifications	561	4	0
Electives		4	6

FOUR-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ARCHITECTURE

First Year

Course	No. of Course	1st Term	2d Term
Theory of Architecture	101	1	0
Architectural Design	111–112	3	3
Elements of Drawing	131	3	0
History of Architecture	142	0	3
Descriptive Geometry	151–152	2	3
Analytical Geometry and Calculus	5	5	5
English	1	3	0
Surveying	C.E. 12	0	2
Military Drill	1	3	3
Hygiene	1	1	1

Second Year

Theory of Architecture	201	1	0
Architectural Design	211–212	2	2
Drawing from Antique	331	3	0
Masonry Construction	362	0	2
English	–	0	3
Physics	2	0	5
Chemistry	1	6	0
Mechanics (M.E. or C.E.)	–	5	5
Military Drill	1	3	3
Hygiene	1	1	1

Third Year

Architectural Design	311–312	6	6
History of Architecture	241–242	3	3
Carpentry	461	2	0
Materials, Laboratory		2	0
Materials of Construction		0	3
Electives		5	5

Fourth Year

Thesis	512	0	5
History of Painting and Sculpture	341–342	1	1
Working Drawings and Specifications	641	4	0
Electives		13	12

Students following this course are required to take the subjects listed under either Option A or B.

Option A is for those specializing in Construction, and includes the following: Heating and Plumbing 2 hours; Bridges (C.E.) 7 hours; Steel Buildings 3 hours; Concrete Construction 3 hours and Concrete Design 3 hours; a total of 18 hours, leaving 17 hours for electives in any subjects desired by the student.

Option B is for those specializing in Mechanical Equipment and includes the following: Structural Design (421–422) 5 hours; Mechanics, Laboratory 3 hours; Heating and Ventilating 2 hours; Refrigeration 2 hours; Lighting 2 hours; Elevation 2 hours; Electrical Engineering 4 hours; a total of 20 hours, leaving 15 hours for electives in any subjects desired by the student.

FIVE-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF ARCHITECTURE

First Year

Course	No. of Course	1st Term	2d Term
Theory of Architecture	101	1	0
Architectural Design	111–112	3	3
Elements of Drawing	131–132	3	3
Elements of Color	133–134	1	1
History of Architecture	142	–	3
Descriptive Geometry	151–152	2	3
English	1	3	0
Algebra, Geometry, Trigonometry	Dependent upon entrance credits		
Military Drill		3	3
Hygiene		1	1

Second Year

Course	No. of Course	1st Term	2d Term
Theory of Architecture	201	1	0
Architectural Design	211–212	2	2
Water Color	231	3	0
Life Class	232	0	2
History of Architecture	241–242	3	3
Perspective	252	0	1
Analytic Geometry and Calculus	8	3	3
Physics	2	5	–
Chemistry	1	0	6
Military Drill	1	3	3
Hygiene	1	1	1

Third Year

Course	No. of Course	1st Term	2d Term
Architectural Design	311–312	6	6
Drawing from Antique	331	3	0
History of Painting and Sculpture	341–342	1	1
Mechanics	321	2	0
Strength of Materials	322	0	2
Graphic Statics	324	0	1
Materials of Construction	361	2	0
Masonry Construction	362	0	2
English		3	3
Electives		0	2

Fourth Year

Course	No. of Course	1st Term	2d Term
Architectural Design	411–412	6	5
Structural Design	421–422	3	2
Life Class	431	2	0
Carpentry	461	2	0
Heating and Plumbing	462	0	2
Concrete Construction	C.E. 77	0	3
Electives		4	4

Fifth Year

Course	No. of Course	1st Term	2d Term
Architectural Design and Thesis	511–512	10	10
History of Modern Architecture	542	0	2
Working Drawings and Specifications	561	4	0
Electives		3	5

FIVE-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ARCHITECTURE

First Year

The courses for the first year are the same as those for the first year of the course leading to the degree of Bachelor of Architecture.

Second Year

Course	No. of Course	1st Term	2d Term
Theory of Architecture	201	1	0
Architectural Design	211–212	2	2
History of Architecture	241–242	3	3
Masonry Construction	362	0	2
Physics	2	–	5
Chemistry	1	6	–
Analytical Geometry and Calculus	5	5	5
Military Drill	1	3	3
Hygiene	1	1	1

Third Year

Architectural Design	311–312	6	6
Drawing from Antique	331	3	0
History of Painting and Sculpture	341–342	1	1
Materials of Construction	361	2	–
English		0	3
Mechanics (M.E. or C. E.)		5	5
Surveying	C.E. 12	0	2

Fourth Year

Architectural Design	411–412	6	6
Materials, Laboratory		2	0
Materials of Construction	C.E. 25	0	3
English		0	3
Electives		5	5

Fifth Year

Architectural Design and Thesis	512	0	5
Working Drawings and Specifications	561	4	0
Electives		13	12

Students following this course are required to take the subjects listed under either Option A or B. (See p. 161.)

FOUR-YEAR COURSES LEADING TO THE DEGREE OF BACHELOR OF FINE ARTS

These courses are intended primarily for those wishing to specialize in painting or one of the decorative arts.

Option A
Art Course

Course	No. of Course	1st Term	2d Term
Theory of Architecture	101	1	0
Architectural Design	111–112	3	3
Elements of Drawing	131–132	3	3
Water Color	231	3	0
Elements of Color	133–134	1	1

Life Class	232	0	2
Modeling	733–734	2	2
Color Composition	735–736	2	2
History of Architecture	142	0	3
History of Architecture	241–242	3	3
Historical Painting and Sculpture	341–342	1	1
Historical Ornament	741	2	0
Descriptive Geometry	151–152	2	3
Special Perspective	751	2	0
Chemistry	1	0	6
English		3	3
History		3	3
Philosophy		0	3
Electives		6	5
		—	—
Anatomy		3	3
Arts		24	24
English		3	0
Philosophy		3	0
		—	—
		70	70

Total 140 hours

Option B
Decorative Course

Course	No. of Course	1st Term	2d Term
Theory of Architecture	101	1	0
Architectural Design	111–112	3	3
Elements of Drawing	131–132	3	3
Water Color	231	3	0
Elements of Color	133–134	1	1
Life Class	232	0	2
Modeling	733–734	2	2
Color Composition	735–736	2	2
History of Architecture	142	0	3
	241–242	3	3
Historical Painting and Sculpture	341–342	1	1
Historical Ornament	741	2	0
Descriptive Geometry	151–152	2	3
Special Perspective	751	2	0
Chemistry	1	0	6
English		3	3
History		3	3
Philosophy		0	3
Electives		6	5
Theory of Architecture	201	1	0
Architectural Design	311–312	6	6
	411–412	6	6
Interior Decoration	711–712	3	3
Drawing from the Antique	331	3	0
Interior Decoration and Thesis		6	6
Materials of Construction	361	2	0
Carpentry	461	2	0
Heating and Plumbing	462	0	2
Working Drawings and Specifications	561	4	0
Electives		0	4
		—	—
		70	70

Total 140 hours

COURSES OF INSTRUCTION GIVEN IN THE COLLEGE OF ARCHITECTURE

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 ten 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.

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 course 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 MINJO.

231. **Water Color Painting.** First term. Credit three hours a term. Prerequisite courses 133–4. Assistant Professor MINJO.

232. **Life Class.** Second term. Credit two hours a term. Prerequisite courses 131–2. Professor BRAUNER and Assistant Professor MINJO.

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. Assistant Professor MINJO.

735–6. **Color Composition.** Throughout the year. Credit two hours a term. Assistant Professor MINJO.

737–8. **Magazine and Book Illustration.** Throughout the year. Credit two hours a term. Acting Assistant Professor STONE. Prerequisite, course 331.

836. **Art Editorship.** Second term. Credit two hours. Acting 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 1919–1920, and in alternate years following.
747. **History of Art.** First term. Credit two hours. Assistant Professor GUTSELL.
748. **History of Art.** Second term. Credit two hours. Assistant Professor GUTSELL.

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. 187–194.

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

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
DEXTER SIMPSON KIMBALL, A.B., M.E., Dean of the College and Professor of Industrial Engineering.
———— ————, Secretary of the College.

SCHOOL OF CIVIL ENGINEERING

FRED ASA BARNES, M.C.E., Director of the School of Civil Engineering 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.
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., Instructor in Civil Engineering.
JOHN EDWIN PERRY, B.S. in C.E., Instructor in Railroad Engineering.
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.

SIBLEY SCHOOL OF MECHANICAL ENGINEERING

HERMAN DIEDERICHS, M. E., Director of the Sibley School of Mechanical Engineering and Professor of Experimental Engineering.
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 OAKES ELLENWOOD, A.B., 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.
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 Hydraulics.
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.
JOSEPH WILLIAM GAVETT, jr., M.E., Assistant Professor of Power Engineering.
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.
NORMAN SHIRLEY HOFF, B.S., Instructor in Machine Design.
ROLFE SHELLENBERGER, B.S., Instructor in Machine Design.
JOHN ROBERT BANGS, jr., Instructor in Industrial Engineering.
JOSEPH ARVID PETERSON, B.S., Instructor in Machine Design.
HERMAN ALBERT SARACHAN, B.S., Instructor in Machine Design.
STANLEY MOTT-SMITH, M.E., Instructor in Experimental Engineering.
HORACE WILLIAM LEET, M.E., Instructor in Experimental Engineering.
HAROLD CHARLES PERKINS, M.E., Instructor in Mechanics of Engineering.
JOSEPH REXWOOD NADLER, M.E., Instructor in Machine Design.
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 BEVERLY CARY, M.E., Instructor in Machine Design.
EDWARD STERLING DAUGHERTY, B.S., Instructor in Machine Design.
PAUL BURNS EATON, M.E., Instructor in Machine Design.
FREDERICK CHARLES EVANS, M.E., Instructor in Machine Design.
KNEELAND ABRAM MERENESS, M.E., Instructor in Machine Design.
EDMUND ROBERT PAIGE, B.S., Instructor in Machine Design.
JAMES HARRY SCOFIELD, B.S., Instructor in Machine Design.
HERBERT ALBERT JULIUS WEISS, M.E., Instructor in Machine Design.
NORMAN CARL WITTWER, C.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.
ALBERT ZUIDEMA, Instructor in Mechanics of Engineering.

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.

SCHOOL OF ELECTRICAL ENGINEERING

ALEXANDER GRAY, M.S. in E.E., Director of the School and Professor of Electrical Engineering.
VLADIMIR KARAPETOFF, 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.
THOMAS IGNATIUS MATTHEWS, B.S., Instructor in Electrical Engineering.
WILLIAM CAREY MURRELL, B.E., 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.
ENRIQUE MOLINET, 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.

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.

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. 171-175 for civil engineers, pp. 175-179 for mechanical engineers, and on pp. 179-181 for electrical engineers.

For the requirements in Military Science and Tactics, and in Physical Culture and in Hygiene, see p. 199.

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 (p. 171)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. 187–194.

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		1st term	2nd term
Analytic Geometry and Calculus	4, 5		3	5
(Completed Sophomore year, 3 hrs.)				–
Physics	2		5	
Physics	7		–	3
Chemistry	1		3	3
Drawing and Descriptive Geometry	121, 122		3	3
Elementary Surveying	110	3 or 0		0 or 3
Shop Work	101	0 or 3		3 or 0
Introductory Lectures	130		1	1
Military Science and Tactics	1	Actual hrs.	3	3

In addition, all freshman students are required to attend a course of lectures on Hygiene given once a week throughout the year.

Course 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 (*Given in the College of Arts and Sciences*)

Course 4, 5 or 6 may not, without special permission, be taken simultaneously with any of the other courses in Mathematics.

4, 5, 6. **Analytical Geometry and Calculus.** Prerequisite courses, Solid Geometry, Advanced Algebra, and Trigonometry.

4. First term; credit three hours. Repeated in the second term; credit three hours.
5. A continuation of the work of 4. Second term. Credit five hours.
6. A continuation of the work of 5. Sophomore year, first term. Credit three hours.

PHYSICS (*Given in the College of Arts and Sciences*)

2. **Introductory Experimental Physics.** Repeated in second term. Credit five hours Professors MERRITT and GIBBS. Assistant Professor HOWE, Messrs. CURTISS, NORTHROP, TYNDALL and assistants. Required of candidates for B.Chem., C.E., M.E., E.E., B.S., and D.V.M.

7. **General Physics.** Primarily for students in engineering. Credit three hours. Prerequisite, Physics 2. Mr. HYATT.

CHEMISTRY (*Given in the College of Arts and Sciences*)

1. **Introductory Inorganic Chemistry.** Throughout the year. Credit three hours a term.
1a. First term. Professor BROWNE and Mr. GRIFFIN.
1b. Second term. Dr. MCKINNEY and assistants.

DRAWING, LETTERING, SURVEYING, SHOPWORK, INTRODUCTORY LECTURES

121. **Drawing and Lettering.** General course for all freshmen in engineering. Assistant Professor TOWNSEND and others.
122. **Descriptive Geometry.**
110. **Elementary Surveying.** Freshmen. Either term as assigned. Credit three hours. Assistant Professors UNDERWOOD and LAWRENCE, and Messrs. PERRY, PENDLETON, and others.
101. **Shopwork.** Freshmen. One hour either term as assigned. Professor WELLS and assistants.
102. **Shopwork.** Freshmen. Two hours either term as assigned. Professor WELLS and assistants.
130. **Introductory Lectures.** Freshmen. Credit one hour a term.

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. 170–171.

Sophomore Year

Course	No. course	1st term	2d term
Practical Geology	31	3	3
Mechanics of Engineering	220	5	–
Mechanics of Engineering	221	–	5
Materials Laboratory	222	2 or 0	0 or 2
Physics	14	0 or 2	2 or 0
Drawing	204	2	2
Advanced Surveying	211, 212	2	3
Materials of Construction	225	3 or 0	0 or 3
Technical Reports	224	0 or 3	3 or 0
Military Science and Tactics	1	Actual hrs. 3	3
Summer Survey (five weeks in June and July)	213	–	6

Junior Year

Economics		3	3
Railroads	260	4	1
Engineering Construction	264	–	3
Bridges; Structural Design	270, 271	4	3
Hydraulics	240	3	–
Municipal Sanitation or Concrete Construction	252 or 280	–	3
Engineering Problems	229	–	2
Survey Computations and Mapping	214	1	–
*Elective		3	3

*(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.

Senior Year

Public Speaking	P.S. 1	3		3
Heat Engines and Auxiliaries	P. 11	3	or	3
Elements of Electrical Engineering	**E 12	4		–
Water Supply	230	3	or	3
Concrete Construction or Municipal Sanitation	280 or 252	3	or	3
Specifications and Contracts	290	2	or	2
Engineering Design	291	3	or	3
*Electives		3	and	9
Required hours in Senior year		17		16

In the scheduling 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."

2. The Six-Year Course Leading to the Degrees of A.B. and C.E. (*See p. 169.*)

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 p. 170.)

MATHEMATICS (*Given in the College of Arts and Sciences*)

6. **Analytical Geometry and Calculus.**

PHYSICS (*Given in the College of Arts and Sciences*)

14. **Physical Measurements.** Primarily for candidates for B.Chem., C.E., M.E., and E.E. Credit one to four hours a term. Prerequisite analytic geometry and the calculus; and at least seven hours of Physics taken from preceding courses, or Physics 3 if Physics 8 and 9 be taken in parallel, or the equivalent. Assistant Professor BIDWELL, Messrs. CHAS. HYATT, MOTT-SMITH, and BECKER, and assistants.

GEOLOGY (*Given in the College of Arts and Sciences*)

31. **Practical Geology.** Throughout the year. Credit three hours a term. Professor RIES.

ECONOMICS (*Given in the College of Arts and Sciences*)

51. **Elementary Economics.** Throughout the year. Credit three hours a term. Professor DAVENPORT.

PUBLIC SPEAKING (*Given in the College of Arts and Sciences*)

1. **Public Speaking.** Throughout the year. Credit three hours a term.

MECHANICAL ENGINEERING

(Given in the Sibley School of Mechanical Engineering)

P 11. **Heat Engines and Auxiliaries.** Required of all seniors in Civil Engineering. For a description of this course see p. 178.

P 12. **Small Power Plants.** Elective. For a description of this course see p. 178.

ELECTRICAL ENGINEERING

(Given in the School of Electrical Engineering)

E 12. **Essentials of Electrical Engineering for Civil Engineers.** Required of all seniors in Civil Engineering. For a description of this course, see p. 180.

DRAWING

204. **Drawing and Lettering.** Sophomores in Civil Engineering. Prerequisite, course 121. Professor PARSON.

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 others.

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. PERRY.

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 211A, 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.

214A. **Mapping.** Elective. Upperclassmen. Required of students in Forestry. Second term. Credit two hours.

214B. **Problems in the Adjustment of Observations.** Elective. Upperclassmen. Prerequisite course 213. Second term. Credit one hour.

215. **Least Squares; Adjustment of Observations.** Elective. Prerequisite, calculus and physics. First term. Credit two hours. Assistant Professor UNDERWOOD.

216. **Advanced Topographic Surveying.** Elective. Upperclassmen. Prerequisite course 213. First term. Credit two hours.

217. **Geodesy and Geodetic Laboratory.** Elective. Upperclassmen. Prerequisite course 212. First term. Credit three hours.

218. **Geodetic Astronomy.** Elective. Upperclassmen. Prerequisite course 212. Second term. Credit three hours. Assistant Professor UNDERWOOD.

MECHANICS OF ENGINEERING

220. **Mechanics of Engineering.** For sophomores in Civil Engineering. First term. Credit five hours. Repeated in second term. Prerequisite, Mathematics Course 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 Professor RETTGER, and Mr. HOWELL.

226. **Advanced Mechanics.** Seniors and graduates. Either term. Credit three hours. Prerequisite courses 220 and 221.

229. **Engineering Problems.** Juniors. Second term. Credit two hours. Prerequisite courses 220, 221 and 240. Professor GEORGE and Assistant Professor RETTGER.

224. **Technical Writing.** Sophomores. Either term. Credit three hours. Professors OGDEN and JACOBY.

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 SCOFIELD.

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 SHERRY.

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 SHERRY.

232. **Water Power Engineering.** Seniors and graduates. First term. Credit three hours. Prerequisite, 240, and must be taken after or concurrently with Course 230. Course 232 may be substituted for Engineering Design, Course 291. Professor SHERRY.

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 SHERRY.

234. **Hydraulic Engineering.** Elective. For seniors and graduates. Second term. Credit three hours. Professor SHERRY.

235. **General Hydrology.** Elective for graduate students. Second term. Credit three hours. Professor SHERRY.

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 WEBBER.

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. Second term. Credit five hours. Prerequisite, Chemistry 6. 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. Graduates. Professor OGDEN.

257. **Purification of Water.** Elective. Graduates. Professor OGDEN.

258. **Conference on Present Methods of Sewage Disposal.** Elective. Graduates. 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.

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. Credit three hours. Second term. Professor BARNES.

264. **Engineering Construction.** Juniors. Second term. Credit three hours. Prerequisites 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. Either term. Credit four hours. Prerequisite courses 220 and 221. Professor JACOBY, Assistant Professors BURROWS and Mr. O'ROURKE.

271. **Structural Design.** Juniors. Either term. Credit three hours. Professor JACOBY, 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. This course may be substituted for Engineering Design course 291. 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. Professor JACOBY and Assistant Professor URQUHART.

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. This course may be substituted for Engineering Design, Course 291. Assistant Professor URQUHART and Professor JACOBY.

283. **Reinforced Concrete Arch.** Elective. Seniors and graduates. First term. Credit three hours. This course may be substituted for engineering design, course 291f. Prerequisite courses 220, 221, and 270. 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. General prerequisite 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 SCHODER.

(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.

THE 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

Course	No. Course	Hours 1st term	Hours 2d Term
Mechanics of Engineering	M 5, 6	5	5
Physics, Recitations	11	2	2
Physics, Laboratory	14	2	2
Electrical Engineering	E 5	0	2
Chemistry	6	0 or 5	5 or 0
Kinematics	D 6	0	2
Drawing	D, S 7	3	3
Materials	X 6	2 or 0	0 or 2
Pattern Making	S 7	3 or 0	0 or 3
Military Drill	1	1	1

In addition to these courses, sophomores are required to take Military Drill and Hygiene. See p. 199.

Junior Year

Course	No. Course	Hours 1st Term	Hours 2d Term
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	0	0
Hydraulics	M 12	2	2

Students intending to pursue the Senior Option in Industrial Engineering are required to complete also before the senior year the course in Economics 52, two hours each term, or its equivalent.

Senior Year

In the senior year the regular student must complete one of the following options:

Option A. Electrical Engineering

Option A is replaced by the curriculum of the School of Electrical Engineering. (See p. 179.)

Option B. Power-Plant Engineering

Course	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
Economics	52	2	2
Power Plant	P 23	3	3
Drawing and Design	P 24	2	2
Elective (including P 25 or P 29)*		4	4

Option C. Ship Design and Construction

Course	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
Economics	52	2	2
Ship Design, Lectures	D 25	3	2
Ship Design, Draw. & Comp.	D 26	3	2
Resistance and Propulsion	D 27	3	0
Marine Engines and Boilers	D 28	0	3
Elective		0	2

Option D. Industrial Engineering

Course	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 Administration	I 20	2	2
Drawing and Design	I 22	3	3
Safety Eng'g and Fire Protection	I 23	0	2
Accounting	58a	3	0
Electives*		0	3

2. A Six-Year Course Leading to the Degrees of A.B. and M.E.

(*See p.* 169.)

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.

*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.

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; Motor Car Construction, P 32; Heating and Ventilating, P 33; Engineering Research, X 30; Advanced Designing, D 40; Industrial Administration, I 20; Central Stations, E 23; Elements of Electrical Railway Practice, E 25; Wireless Telegraphy, E 27; Special Electrical Engineering Problems, E 33; Engineering Mathematics, E 30; Hydraulic Power Plants, M 21; Pumping and Refrigeration, P 31; Costs, Wages, and Management, I 21; 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 pp. 170-171.)

MATHEMATICS (*Given in the College of Arts and Sciences*)

4. See p. 170.
5. See p 170.
6. **Integral Calculus.** Sophomores. First term. Credit three hours.

PHYSICS (*Given in the College of Arts and Sciences*)

2. See p. 170.
7. See p. 170.

11a and b. **General Physics.** Credit two hours each term. Prerequisite courses Mathematics 6 and Physics 3. Assistant Professor BIDWELL and other members of the instructing staff.

14. **Physical Experiments.** Throughout the year. Credit two hours a term. Must be accompanied or preceded by Physics 11. Must be preceded by Mathematics 6 and Physics 3. Assistant Professor BIDWELL, and Messrs. HYATT and KITTREDGE, and assistants.

CHEMISTRY (*Given in the College of Arts and Sciences*)

1. See p. 171.

6. **Qualitative and Quantitative Analysis.** Repeated in second term. Credit five hours. Prerequisite course 1. Messrs. RIDER, BRANDES, LEPPART, and BARRETT.

ECONOMICS

52. **Elementary Economics** Throughout the year. Credit two hours a term.

ELECTRICAL ENGINEERING

(Given in the School of Electrical Engineering)

Courses E 14, E 15, E 36, and E 37 are required of all candidates for the M.E. degree. For a description of these courses, see pp. 180-181.

MACHINE CONSTRUCTION

(For courses in Wood Working and Forging, see Courses 101 and 102 under courses offered to freshmen, p. 171.)

S 3. **Foundry Work.** Either term. Credit two hours. Mr. VANDERHOEF and assistant.

S 10. **Machine Work.** Juniors. Throughout the year. Credit two hours each term. Prerequisite courses S 3, 101, and 102. Professor WELLS, Mr. GREEN, and assistants.

MACHINE DESIGN

A. Courses in Machine Design

D 3. **Drawing.** For students registered for the Degree of Bachelor of Chemistry. First term. Credit three hours. Assistant Professors HAM and TOWNSEND and instructors.

D 5. **Machine Drawing.** Sophomores. First term. Credit three hours. Prerequisite D 1. Assistant Professor ROGERS and instructors.

D 6. **Kinematics.** Sophomores. Second term. Credit two hours. Prerequisite courses, D 1 and 2, and must be taken with course D 7. Assistant Professor ROGERS and instructors.

D 7. **Kinematic Drawing.** Sophomores. Second term. Credit three hours. Prerequisite courses, D 1 and 2, and must be taken with course D 6. Assistant Professor ROGERS and instructors.

D 10. **Drawing and Design.** Juniors. Throughout the year. Credit two hours each term. Prerequisite courses D 5, D 6, D 7, M 5 and 6, 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, 7, M 5 and 6, and 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 C. Credit three hours first term, two hours second term. Professor MCDERMOTT.

D 26. **Ship Design and Construction.** Required of Seniors in Option C. Credit three hours first term, two hours second term. Professor MCDERMOTT.

D 27. **Resistance and Propulsion.** Required of Seniors in Option C. First term. Credit three hours. Professor MCDERMOTT.

D 28. **Marine Engines and Boilers.** Required of Seniors in Option C. Second term. Credit three hours. Professor MCDERMOTT.

D 40. **Advanced Designing.** For graduates who have had the equivalent of D 25, 26, and 27. Professors KIMBALL, MCDERMOTT, and ALBERT.

MECHANICS OF ENGINEERING

M 5 and 6. **Mechanics of Engineering.** Sophomores. M 5 in first term; M 6 in second term. Credit five hours a term. Prerequisite, Mathematics 6. Professors WOOD and GARRETT, Assistant Professor CORNELL, and instructors.

M 12. **Hydraulics.** Juniors. Second term. Credit two hours. Prerequisite courses, M 5 and 6. 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. Throughout the year. Credit three hours a term. Prerequisite courses, Physics 8, 9, and 14, Chemistry 6, M 5 and 6, and D 5, 6, and 7. 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 1, C.E. 20. Professor ELLENWOOD.

P 12. **Small Power Plants.** Three recitations a week, one term. Elective, open to those who have completed 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 MATTHEWS and Instructors.

P 21. **Heat-Power Engineering.** Required of seniors in Electrical Engineering. First term. Credit three hours. Assistant Professor MATTHEWS and instructors.

P 23. **Power Plants.** (Steam). Required of seniors in Option B. Credit three hours a term. Prerequisite courses, D 10, 16 and P 10 and must be accompanied by courses, P 20 and 24. Professor BARNARD.

P 24. **Designing and Drawing.** Required of seniors in Option B, and not open to others. Throughout the year. Credit two hours a term. Prerequisite courses, D 10, D 16 and P 10 and must be accompanied by P 23. Professor BARNARD.

P 25. **Steam Turbines.** Senior elective. Required of those taking Option B. Second term, Credit two hours. Prerequisite course, P 10. Professor BARNARD.

P 29. **Gas Power Machinery.** Seniors. First and second terms. Credit two hours. Either term may be elected without the other. Prerequisite courses, D 10, D 16, and P 10. Professor DIEDERICHS.

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 Refrigeration.** Elective. Credit two hours each term. Either term may be elected without the other.

P 32. **Motor Car Construction.** Elective. Second term. Credit two hours. Prerequisites, P 10, D 10, 16. Professor UPTON. (Not given in 1920–1921).

P 33. **Heating and Ventilating.** Elective. First term. Credit two hours. Prerequisites, P 10, D 10, 16. Professor SAWDON.

P 40. **Advanced Heat-Power Engineering.** Elective for those who have completed the equivalent of the design subjects in senior Option B. Professors BARNARD and ELLENWOOD.

P 41. **Readings in English Literature.** Open to juniors and seniors in Sibley College. Two readings a week from Thanksgiving to Easter recess. Credit one hour. Professor SAMPSON.

EXPERIMENTAL ENGINEERING

A. Mechanical Laboratory

X 6. **Manufacture of Engineering Materials.** Required of sophomores. First or second term. Credit two hours. Prerequisite course, Chemistry 1. Professor DIEDERICHS.

X 10. **Mechanical Laboratory—Properties of Engineering Materials.** Juniors. Second term. Credit three hours. Prerequisite course, X 6, M 5 and 6. 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. Credit four hours. Prerequisite courses, M 5, 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 DIEDERICHS, SAWDON, and UPTON, Assistant Professors GAGE and DAVIS, and Mr. JONES.

X 32. **Thesis.** Senior elective. Either or both terms. Maximum total credit eight hours. Professors DIEDERICHS, SAWDON, and UPTON, and Assistant Professors GAGE and DAVIS.

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 in their Sophomore year, or before, and continue as active members to the end of the term in which credit is desired.

DEPARTMENT OF INDUSTRIAL ENGINEERING

I 12. **Industrial Organization.** Required of all juniors in Mechanical Engineering and not open to freshmen or sophomores. Open to juniors and seniors of other colleges. First term. Credit two hours. Professor KIMBALL.

I 20. **Industrial Administration.** Required of all seniors in Option D. Elective for seniors pursuing other options. Throughout the year. 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 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. Throughout the year. Credit three hours a term. Prerequisite courses, D 10 and D 16, and 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 D. Second term. Credit two hours. Prerequisite course, I 12. Professor WELLS.

I 40. **Advanced Industrial Engineering.** Open to graduates and seniors who have completed the equivalent of I 20 and 22. Professors KIMBALL, WELLS, ALBERT, and LEE.

THE 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; for a description of the courses, see pp. 170–171.

Sophomore Year

For the curriculum of the sophomore year, see p. 175; for a description of the courses, see p. 177.

Junior Year

Course	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

Course	No. Course	Hours 1st Term	Hours 2d Term
Heat-Power Engineering	P 21	3	0
Mechanical Laboratory	X 22	2	0
Economics	52	2	0
Electrical Machinery	E 20	2	2
Electrical Machinery	E 21	3	3
Electrical Design	E 22	2	2
Electrical Laboratory	E 28	4	4
Electives (or Thesis, X 32, p. 179)*		2	5

2. A Six-Year Course Leading to the Degrees of A.B. and E.E.

(*See p.* 169.)

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

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.

COURSES OF INSTRUCTION IN THE SCHOOL OF ELECTRICAL ENGINEERING

For Juniors and Seniors

For a description of courses given to freshmen, see pp. 170–171, 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. 177–179.

E 5. **Introductory Course in Electrical Engineering.** Required of all sophomores. Second term. Credit two hours. Prerequisite courses, Physics 3 and Mathematics 6. Assistant Professor PERTSCH.

E 12. **Essentials of Electrical Engineering.** Required of seniors in Civil Engineering and Chemistry. First term. Credit four hours. Assistant Professor BALLARD and instructor.

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 8, 9, 14, M 5, 6, E 5. Must be accompanied by E 15. Professor GRAY, Assistant Professor PERTSCH, and instructors.

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 8, 9 and 14, M 5 and 6. Must be accompanied by E 14. Professor GRAY, Assistant Professor PERTSCH, and instructors.

E 20. **Theory of Electrical Machinery.** Required of seniors in Option A. Throughout the year. Credit two hours a term. Prerequisite courses, E 14 and 15. Professor KARAPETOFF.

E 21. **Characteristics of Electrical Machinery.** Required of seniors in Option A. Throughout the year. Credit three hours a term. Prerequisite courses, E 14 and 15. Professor KARAPETOFF and instructors.

E 22. **Electrical Design.** Required of seniors in Electrical Engineering. Throughout the year. Credit two hours a term. Must be accompanied by E 20 and E 21. Professor GRAY.

E 23. **Central Stations.** Elective for seniors in Electrical Engineering. Second term. Credit two hours. Assistant Professor PERTSCH.

E 25. **Elements of Electric Railway Practice.** Elective for seniors. Second term. Credit two hours. Prerequisite courses, E 14 and 15. Mr. CHAMBERLAIN.

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*Students who expect to specialise 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.

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 27. Wireless Telegraphy and Telephony. Elective for seniors in Electrical Engineering. Second term. Credit two hours. Prerequisite courses, first term of E 20, E 21, and E 28. Assistant Professor BALLARD.

E 28. Senior Electrical Laboratory. Required of seniors in Electrical Engineering. Throughout the year. Credit four hours a term. Must be accompanied by E 20 and E 21. Professor GRAY and instructors.

E 30. Engineering Mathematics. Elective. Open to seniors and graduate students only. Throughout the year. Credit two hours a term. Professor KARAPETOFF.

E 33. Special Electrical Engineering Problems. First or second term or both. Credit two or more hours. Open to seniors. Professor GRAY, and other instructors as required.

E 36. Electrical Engineering for M.E. Seniors. Required of seniors in Mechanical Engineering, who take options B to E, inclusive. Not to be taken simultaneously with E 37. Two hours credit. Repeated in the second term. Prerequisite courses, X 11, E 14 and E 15. Mr. CHAMBERLAIN.

E 37. Electrical Engineering for M. E. Seniors. Required of seniors in Mechanical Engineering, who take options B to E inclusive. Not to be taken simultaneously with E 36. Two hours credit. Repeated in the second term. Prerequisite courses, X 11, E 14 and E 15.

Seminary in Electrical Engineering. For seniors and graduate students. No credit. Professors GRAY and KARAPETOFF.

THE UNIVERSITY LIBRARIES

THE LIBRARY COUNCIL

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
CHARLES H. BLOOD, of the Board of Trustees.
WILLARD AUSTEN, Librarian.
ÖSKAR AUGUSTUS JOHANNSEN
GEORGE LIVINGSTONE HAMILTON
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} 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., Librarian of the White Library.
HALLDOR HERMANNSSON, Curator of the Icelandic Collection.
————, Curator of the Petrarch and Dante Collections.
ELIZABETH SAGE INGERSOLL, Superintendent of the Accessions Division.
MINERVA STUBBS BEACH, Supervisor of Periodicals.
EMMA ROMELIA SPEED, A.B., Supervisor of the Catalogue.
LILLIAN LELAND, Senior Cataloguer.
MARGARET RICHTER, Junior Cataloguer.
ELIAS ROOT BEADLE WILLIS, A.B., A.M., Superintendent of the Readers Division.
ANNA GREGORY, Senior Assistant, Readers Division.
GEORGE DE GRASSI, Superintendent of the Stacks Division.
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 sixty 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), 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 GUITEAU 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 pamplets given by the late C. W. Wason, '76, of Cleveland, Ohio.

THE JAMES VERNER COLLECTION of U. S. Civil War literature given by Mr. Scaife 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 of 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 1920-1921 the Heckscher Research Council was composed of the Acting President of the University; Messrs. Place and Westinghouse of the Board of Trustees; Professors J. Q. Adams, jr., Ernest Merritt, W. N. Barnard, and Carl Becker; Emeritus Professors E. L. Nichols and J. H. Comstock, and Dean Creighton.

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.

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 fill 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, as shown by the records of the University, at the time when he was admitted, 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, failure to maintain a high standard of scholarship, or conduct of any kind that is unbecoming in 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 entrance 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, and the college degrees held by the principal.

SPECIAL UNDERGRADUATE SCHOLARSHIPS

The Frank William Padgham Scholarship. This scholarship, founded in 1892 by Amos Padgham of Syracuse, New York, in memory of his son, Frank William Padgham, a graduate of the Sibley School of Mechanical Engineering of the class of 1888, entitles the holder to free tuition and fees in the regular curriculum in the Sibley School of Mechanical Engineering. It cannot be held in connection with a New York State Scholarship. The Frank William Padgham Scholarship is awarded to the candidate who has had his preparatory education wholly or in part in the public schools of Syracuse, New York, and who, having been admitted to the regular curriculum in the Sibley School, passes 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 the Padgham Scholarship is held at the same time as the University Undergraduate Scholarship examinations.

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 at 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 Pomona Grange in his home county, or to the Deputy in counties which have no Pomona Grange.

Boardman Senior Law Scholarship. A Senior Law Scholarship of the value of $100, the gift of Judge Douglass Boardman, the first Dean of the College, is awarded annually in June to the junior who has, in the judgment of the Faculty, done the best and most satisfactory work in law subjects to the end of his junior year. It is available during the senior year and is payable in the same way as are other University undergraduate scholarships. This scholarship may be forfeited in case the Faculty is convinced that the holder has not maintained a high standard of work, or has been guilty of conduct unbecoming the holder of such a scholarship.

Eudorus C. Kenney Scholarships. Under the will of Eudorus C. Kenney, 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 seem best.

Fraser Scholarships. Two scholarships of the value of $100 and $50 respectively, the gift of an alumnus of the College of Law, in memory of Alexander Hugh Ross Fraser, late librarian of the College, are awarded annually about the beginning of the college year to seniors whose law study has been done entirely in Cornell University. They are awarded to students who have most fully evidenced high qualities of mind and character by superior achievement in scholarship and by those attributes of manliness which earn the commendation of teachers and fellow students. The award is made upon recommendation of the senior class by vote from a list of members submitted by the Faculty as eligible by reason of superior scholarship. The holder of the Boardman Scholarship is not eligible.

The Roberts Scholarship Fund, a gift of the late Dr. Charles H. Roberts of Oakes, Ulster County, New York, provides five annual scholarships. As expressed by the founder, the purpose of these scholarships is to furnish financial assistance

to students in the College of Agriculture, who are of good moral character, who show native ability, tact, and application, and who are in need of such assistance. Preference is given to students who come from rural districts. The award is made after the close of the first term of each year. The value of each scholarship is $240.

The Buffalo Alumni Association Scholarship of the annual value of $200, for students who are residents of Erie or Niagara County, New York. Cornell University is not responsible for the awarding of this scholarship.

The Student Fund of the Cornell Club of Rochester provides 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.

The Fred Lewis Wilson Scholarship. The sum of approximately $4,000 was bequeathed to Cornell University by Mrs. Mary Northrup Wilson to found and perpetuate a scholarship in honor of her son, Fred Lewis Wilson, who was graduated from Sibley School of Mechanical Engineering with the class of 1892. This scholarship, of the value of $192, is awarded, for a period of not more than two years, to undergraduates who have been at least one year in the University. The award is made by a committee consisting of the President of the University and the Director of the Sibley School of Mechanical 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.

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 1922–1923.

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.

The Sharples Prize Scholarship, of the annual value of $500, is established to encourage women to enter the field of dairy industry especially along educational lines of public service. Application should be made to the Faculty of Agriculture through the office of the Secretary of the College before June 1. The award is made on the basis of moral character, scholarship, and specific training.

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 that member of the incoming senior class 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.

For scholarships and fellowships in the Graduate School, see p. 59.

PRIZES

For information concerning the award of the following prizes, the pamphlet on *Prize Competitions* should be consulted.

The Woodford Prize, founded in 1870 by the Hon. Stewart Lyndon Woodford, is of the value of $100 and will be given annually for the best English oration, both matter and manner of delivery being taken into account. The prize is in the form of a gold medal, but the winner may, if he chooses, receive instead the $100 in money. Graduate students may not compete for this prize.

The Horace K. White Prizes, established in 1872 by Horace K. White, of Syracuse, are awarded annually to the most meritorious students in the graduating class of the New York State Veterinary College, as follows: To the first in merit, $15; to the second in merit, $10.

Sibley Prizes in Mechanic Arts. Under the gift of the Hon. Hiram Sibley made in 1884, the sum of $100 will be awarded annually to those students in the School of Mechanical Engineering who shall, in the opinion of the Faculty of that institution, show the greatest merit in the work in mechanical engineering.

The '86 Memorial Prize, the income of a sum of money left as a memorial by the class of 1886 and amounting to $86 annually, is an undergraduate prize in declamation to be awarded at a public contest held in May of each year.

The Barnes Shakespeare Prize. The Shakespeare Prize, founded in 1887 by Mrs. Alfred Smith Barnes of Brooklyn, consists of about $50, the annual income from her gift of $1,000. This prize is open only to undergraduate students.

The Fuertes Medals, two gold medals established in 1893 by Professor E. A. Fuertes, each of the value of one-half of the amount of the income provided by the endowment fund, will be awarded under the following conditions:

One of the medals will be awarded annually to the student in the School of Civil Engineering who shall be found, at the time of graduation, to have maintained the highest scholarship in the courses of his college, provided he has been in attendance at the University for at least two years; and the other medal will be awarded annually to a graduate of the School of Civil Engineering for a meritorious paper tending to advance the scientific or practical interests of the profession of civil engineer.

The '94 Memorial Prize, the income of a fund established by the class of 1894 and amounting to about $94 annually, is an undergraduate prize in debate, to be awarded at a public contest held in January of each year.

The Charles Goodwin Sands Memorial Medal, founded in 1900 by the family of Charles Goodwin Sands of the class of '90, is awarded for designs of exceptional merit presented in the regular competitions of the College of Architecture. The medal drawings are ranked as first and second medal drawings, according to merit. The author of a first medal drawing will receive a silver replica and the author of a second medal drawing a bronze replica of the medal. The award is for merit alone and while the medal is occasionally won by undergraduates, the standard is such that the honor of winning the first medal usually falls to graduate students.

The Clifton Beckwith Brown Memorial Medal was established in 1900 by John Harkness Brown in memory of his brother Clifton Beckwith Brown, killed on the field of battle at San Juan Hill. A silver replica is awarded to the senior in the College of Architecture attaining the highest standing in design during his senior year, and a bronze replica to the senior taking second place. These medals however, are not awarded solely for order of merit; the award is not made unless the standard reached in design is considerably higher than that required for graduation.

The Corson Browning Prize, founded in 1902 by Professor Hiram Corson, consists of a gold medal of the value of $50, to be awarded annually for the best competitive essay on Robert Browning. If the winner so desires, he may receive the value of the prize in money. Competition for this prize is open to juniors, to seniors, and to graduate students.

The Corson French Prize, founded in 1902 by Professor Hiram Corson in memory of his wife, Caroline Rollin Corson, consists of a gold medal of the value of $50 to be awarded annually for the best essay on a subject in either French philology or literature. If the winner so desires, he may receive the value of the prize in money. Competition for this prize is open to all students.

The Guilford Essay Prize, founded in 1902 by the late James B. Guilford to promote "a high standard of excellence in English prose composition," consists of about $150, the annual income from his bequest of $3,000. This prize is open only to undergraduate students.

The Luana L. Messenger Memorial Prize, the annual income of a fund of $5,000, founded in 1902 by Mr. Hiram J. Messenger, will be awarded in accordance with the terms of the gift, to that student of the University who submits the essay "giving evidence of the best research and most fruitful thought in the field of human progress or the evolution of civilization during some period in human history or during human history as a whole."

The John Metcalfe Polk Prizes. In memory of John Metcalfe Polk, an instructor in the Medical College, who was graduated from the Medical Department of Cornell University on June 7, 1889, and died on March 29, 1904, three prizes aggregating $500, will be presented at each commencement to members of the graduating class who have completed the full course of study in Cornell University Medical College. These prizes will be awarded as follows: To the student having the highest standing, $300; to the student having the second highest standing, $125; to the student having the third highest standing, $75.

The Sherman-Bennett Prize was founded in 1905 by Philo Sherman-Bennett of New Haven, who, by provision of his will, bequeathed to William J. Bryan, of Lincoln, Nebraska, a fund to found prizes in twenty-five colleges or universities to be selected by him. The prize consists of the income of $400, and is awarded "for the best essay discussing the principles of free government." Competition is open to all students of the University.

The Morrison Trophy Cup Prize, founded in 1906, is awarded to students in the winter courses for proficiency in debate.

The Whiting Prizes. Two prizes, the first of $50, the second of $25, have been offered since 1908 by Professor Frederick Whiting to the two students of the graduating class of the Medical College, to be designated by him, who make the best record in practical and theoretical work in otology.

The J. T. Morrison Prize, founded in 1909 by J. T. Morrison of Ithaca, and consisting of a gold medal of the value of $100 or of $100 in cash, at the option of the successful competitor, will be given annually for the best original poem, or poems, matter and manner of delivery being taken into account. This prize is not open to graduate students.

The Eastman Prizes for Public Speaking. With the object of developing qualities of personal leadership in rural affairs, A. R. Eastman of Waterville, New York, established in 1909 a fund to provide two annual prizes, one of $100 and one of $20, for public speaking on country life subjects. Competition is open to any regular or special student in the College of Agriculture.

The Sampson Fine Arts Prize. This prize, founded in 1909 by Professor Martin Sampson in memory of his wife Frances Van Rensselaer Sampson, is awarded "to that student in the University who shows the most intelligent appreciation of the graphic and plastic arts and architecture." The prize is not given for practical proficiency in painting, drawing, or designing, but for natural or acquired ability to appreciate artistic beauty. The prize, of about $30 to be expended in books or reproductions, is awarded some time in April under regulations administered by the Professor of Aesthetics.

The Hollingworth Honorarium for Research. An honorarium of $50 for advanced work or research in pathology and bacteriology, established in 1911 by Dr. W. G. Hollingworth of Utica, is awarded to a senior in the Veterinary College on his general standing in the work of the first two years and his proficiency in the first courses in pathology and bacteriology.

The Early English Text Society Prizes. The Early English Text Society annually donates four of its publications to be awarded as prizes to the students who pass the best examination in Early English.

The Fuertes Memorial Prizes in Public Speaking were founded in 1912 by Charles H. Baker, a graduate of the School of Civil Engineering of the class of 1886. Three prizes, one of $125, one of $35 and one of $20, are awarded annually to members of the junior and senior classes in the Colleges of Engineering and Architecture, for proficiency in public speaking.

The Graduate Prize in Philosophy, established in 1912, has an annual value of about $25, and is open for competition to all students registered in the Graduate School. The prize will be awarded to the student who submits the best paper embodying the results of research in the field of philosophy.

The James Gordon Bennett Prize of $50, founded in 1912, is offered for work done on local and general anaesthesia. The prize is open to seniors in the Veterinary College.

The Jane Miller Prize of $50, founded in 1912, is awarded to the student or students having the highest standing in the subject of veterinary physiology.

The George Chapman Caldwell Prize of $50 was established in 1913 by Professor Frank Cary Caldwell and Mrs. Grace Caldwell Chamberlain as a memorial to their father. The prize accompanied by a certificate is to be awarded annually to a member of the senior class for general excellence in chemistry.

The Ring Memorial Prizes. The interest on the Ring Memorial fund, established in 1913 by request of Charles A. Ring of Newfane, New York, is devoted to prizes for horticultural research. A first prize of approximately $30 and a second prize of approximately $20 are awarded to undergraduates in the College of Agriculture who, in essays giving reviews of the literature on problems in floriculture, vegetable gardening, or pomology, show the greatest ability to evaluate scientific evidence.

The Stewart Prize for the production of clean milk is a prize of $50 donated each year since 1913 by Mr. S. L. Stewart of Brookside Farms, Newburgh, N. Y.

The J. G. White Prizes in Spanish. Through the generosity of Mr. James Gilbert White (Ph.D., Cornell, '85), three prizes, established in 1914, each of the value of $100, are offered annually to English speaking students for proficiency in Spanish and to Spanish speaking students for proficiency in English. These prizes are open only to undergraduate students.

The Student Medal of the American Institute of Architects has been awarded each year since 1915 to the member of the graduating class of the College of Architecture whose record is the best throughout the entire course, and the person to whom the medal is awarded is invited to exhibit his work at the next annual convention of the Institute.

The C. Lathrop Pack Prize, established in 1915, is a gift of $500 the interest of which is to be used by the Faculty of the Department of Forestry "in the interests of forestry."

The Charles Lee Crandall Prizes of $100 and $25, were founded in 1916 by alumni of the School of Civil Engineering. The prizes are awarded annually for the best paper written by seniors or juniors in the School of Civil Engineering.

The Goethe Prize of $50, donated each year since 1917 by Mr. Ludwig Vogelstein of New York City, is awarded for the best essay on Goethe.

The Alumni Prize for Scholarship. To encourage general excellence in scholarship, the Alumni Association of the College of Agriculture established in 1919 an annual prize of $25 to be awarded to the member of the junior class showing the best record for the first three years. The award is made by the Faculty.

The William M. Polk Memorial Prizes in Gynecology. Two prizes in gynecology, a first prize of $125 and a second prize of $75, were founded in 1919 by Mrs. Polk in memory of Dean Polk.

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, founded in 1921 by the late Margaret MacMonnies Courant in memory of her daughter, Juliette MacMonnies Courant, A.B., 1916. The prize consists of fifty dollars, either in cash or in books as the recipient may determine. It is awarded annually to that woman student of the senior class whose major subject is French and who shall, in the opinion of the committee of award, have made the best record in her four years of work, with especial reference to facility of expression in French.

FELLOWS AND GRADUATE SCHOLARS, 1920-1921

UNIVERSITY FELLOWS

The Cornell Fellowship in English: Leah Lazar Lowensohn, A.B. (Cornell) February 1921.

The McGraw Fellowship in Civil Engineering: Nee Sun Koo, B.S.C.E. (Gov't Institute of Technology) 1918; M.C.E. (Cornell) 1919.

The Sage Fellowship in Chemistry: Frank Howell Pollard, B.Chem. (Cornell) 1916.

The Schuyler Fellowship in Entomology: William Harold Brittain, B.S.A. (McGill University) 1911.

The Sibley Fellowship in Mechanical Engineering: Archer Olin Leech, B.S.(Oregon State College) 1918.

The Goldwin Smith Fellowship in Botany: Robert Morris Volkert, B.S.(Cornell) 1920.

The President White Fellowship in Physics: Ruth Agnes Yeaton, B.A. (Mt. Holyoke) 1913.

The Erastus Brooks Fellowship in Mathematics: ——— ———

The University Fellowship in Architecture: Kenneth Carver, B.Arch. (Cornell) 1920.

The University Fellowship in Romance Languages: ——— ———

The University Fellowship in German: Cornelia P. H. Zeller, A.B. (Cornell) 1916.

The University Fellowship in Agriculture: Thomas Kennerly Wolfe, B.S. (Virginia Polytechnic Institute) 1914; M.S. (same) 1915.

The Charles Bull Earle Memorial Fellowship in Mechanical and Electrical Engineering: Vartkes Migrdichian, A.B. (Cornell) 1919.

The President White Fellowships in Modern History: Ernest William Nelson, A.B. (Clark) 1916; A.M. (Clark) 1920.

The President White Fellowship in Political and Social Science: ——— ———.

The Susan Linn Sage Fellowships in Philosophy: Eve Tenney Knower, B.A. (University of Wisconsin) 1918; A.M. (same) 1919. Joseph Harry Griffiths, B.A. (Lawrence College) 1918; A.M. (Northwestern) 1920.

The Susan Linn Sage Fellowship in Psychology: Divided into 2 graduate Scholarships for the academic year of 1920–1921. (See Scholarships).

The Fellowships in Political Economy: ——— ———; Chu Hsiao, A.B. (University of Missouri) 1920.

The Fellowships in Greek and Latin: Marion Elizabeth Blake, B.A. (Mt. Holyoke) 1913; A.M. (Cornell) 1916. Helen Margaret Conner, A.B. (Indiana State Normal) 1911; A.M. (Indiana University) 1912.

The Fellowship in American History: ——— ———.

The Edgar J. Meyer Memorial Fellowship in Engineering Research: Frias P. Esquivel, B.S.C.E. (University of Philippines) 1919.

SPECIAL FELLOWS

The Du Pont Fellowship in Chemistry: Arthur Walker Bull, B.Chem. (Cornell) 1919.

The Grasselli Fellowship in Chemistry: Emil Kline, A.B. (Cornell) 1920.

The Chautauqua County Tomato Improvement Fellowship: Ridgely Wilson Axt, B.S. (Maryland State) 1920.

The Eden Valley Fellowship: L. O. Gratz, A.B. (Bluffton) 1915.

The Hampton Potato Grower's Fellowship: O. C. Boyd, B.S.Agr.(Oklahoma A. and M.) 1916.

The Herman Frasch Fellowships: F. P Schlatter, B.S. (Pennsylvania State College) 1915.

The North Fork Fellowship: I. H. Vogel, B.S. (Iowa State College) 1916; M.S. (same) 1917.

The Steuben County Seed Improvement Fellowship: K. H. Fernow, B.S. (Cornell) 1916.

The Williamson Vegetable Laboratory Association Fellowship: A. G. Newhall, B.S. (University of Minnesota) 1918.

The Wilson Growers' Fellowship: R. P. White, B.S. (Dartmouth) 1918.

GRADUATE SCHOLARS

The Susan Linn Sage Graduate Scholarships in Philosophy: 1. Marjorie Silliman Harris, B.A. (Mt. Holyoke) 1913. 2. Harold Robert Smart, B.S. (Wesleyan University) 1915. 3. Henry Richey Smith, A.B. (Ohio Wesleyan University) 1907. 4. Irl Goldwin Whitchurch, A.B. (Northwestern) 1916. A.M. (same) 1917. 5. Margaret R. Nysewander, A.B. (Indiana) 1920.

The Susan Linn Sage Graduate Scholarship in Psychology: Catherine Braddock, A.B. (Victoria University) 1916; A. M. (same) 1917.

The Graduate Scholarship in Chemistry: Josephine Souders, A.B. (Cornell) 1916.

The Graduate Scholarship in Mathematics: Frances Almira Atwater, A.B. (Vassar) 1916.

The Graduate Scholarship in Physics: Kuo Feng Sun, B.S. (Pekin Gov't University) 1916; A.M. (Cornell) 1919.

The Graduate Scholarship in Civil Engineering: ——— ———.

The Graduate Scholarship in Latin and Greek: Homer Franklin Rebert, A.B. (Franklin and Marshall) 1912; A.M. (same) 1919.

The Graduate Scholarship in Archaeology and Comparative Philology: Cora Rolfe Laubscher, B.A. (Randolph-Macon) 1915.

The Graduate Scholarship in Vertebrate Zoology: Herbert Freidman, B.S. (College of the City of N. Y.) 1920.

The Graduate Scholarship in English: Albert Walker Liddle, A.B. (Cornell) 1920.

The Graduate Scholarships in Psychology (1920–1921): Anna K. Whitchurch, A.B. (Lawrence) 1916, A.M. (Northwestern) 1917. Grace K. Adams, A.B. (Randolph-Macon) 1920.

The Graduate Scholarship in History: Gussie Gaskill, A.B. (Kansas) 1918; A.M. (same) 1919.

UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

CLASS OF 1921

(Returned from national service)

The Cornell Scholarships: Lawrence Mitchell Orton, Arts and Sciences.

CLASS OF 1922

The Cornell Scholarships: Mildred Margaret Bork, Arts and Sciences.

CLASS OF 1923

The President White Scholarships: Madeline Margaret Hickey, Arts and Sciences; Stephen Albert Emery, Arts and Sciences.

The Henry B. Lord Scholarships: Grace Walroud West, Arts and Sciences; Gertrude Diamant, Arts and Sciences.

The McGraw Scholarships: Matthew Corell Pugsley, Arts and Sciences.

The Sage Scholarships: Gladys E. Weller, Agriculture; Violet Mabel Holloway, Arts and Sciences.

The Sibley Scholarships: Philip Carman Wakeley, Agriculture.

The Stewart L. Woodford Scholarships: Louise Alfreda Hill, Arts and Sciences; Bertha Ann Marks, Arts and Sciences.

The John Stanton Gould Scholarships: Ruby Wheaton, Arts and Sciences; Sarah Fanny Simon, Arts and Sciences.

The Horace Greeley Scholarships: James Barton Nichols, Arts and Sciences.

CLASS OF 1924

The Cornell Scholarships: James Hutton, Arts and Sciences; Esther Miriam Schwabe, Arts and Sciences.

The President White Scholarships: Marcella Andree Varon, Arts and Sciences; Charles Cohen, Arts and Sciences.

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 Magee, Arts and Sciences.

The Sibley Scholarships: Irving Amson, Mechanical Engineering; Frank Leslie Thompson, Civil Engineering.

The Stewart L. Woodford Scholarships: Frances McAllister, Arts and Sciences; Margaret McAllister, Arts and Sciences.

The John Stanton Gould Scholarships: Olive Ling, Arts and Sciences; Esther Pfeffer, Arts and Sciences.

The Horace Greeley Scholarships: Charles Nicholas Strong, Arts and Sciences; Louis Solovay, Arts and Sciences.

HOLDERS OF OTHER SCHOLARSHIPS

The Boardman Senior Prize Scholarship: John Wallace Reeves.

The Buffalo Alumni Association Scholarship: ——— ———.

The Fraser Senior Prize Scholarships: First: Ralph Alexander McClelland. Second: John Henry McCooey, jr.

The Eudorus C. Kenney Scholarships: Paul Eugene O'Keefe, Laura Loretta Geer, David Edward Brainard, Laura Reichenthal, Henry Goldberg, Sidney Arthur Goldstein.

The Padgham Scholarship: Arthur McKinley Bladen.

The Roberts Scholarships: Lewis Elmer Fitch, Ray Lester Hahn, Clara Nell Loveland, Leon Stanley Phelps, Trystram Cockey Stevens, Wilbur Jameson Forbes, Florence Genevieve Hess, Cornelia Elizabeth Lerch, Clarence Raymond Keeler, Daniel Francis Kinsman.

The State Grange Scholarships: Robert M. Brackett, Joe W. Davis, Edith Lavinia Dayton, Ira Cole LaFever, Clifford Dexter Montondo, Joseph Eighmie Pulling, Henry Daniel Sherwood, Willard Folts Stanton, Ramson Clayton Talbot, Elbert George Horace Torrey.

The Fred Lewis Wilson Scholarship: Edwin Holmes Kreig.

The Beatty Agricultural Scholarships: Guy Jesse Bartle, George Arthur Haynes.

The William Delmore Thompson Scholarship: Richard Harold Turner.

The Sharples Prize Scholarship: Irene Augusta Zapf.

The John Leisenring Wentz Scholarship: Dean Hasbrouck Gallagher.

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 Risley 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 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.; A. J. Choate, M.D; Margarete D. Baker, M.D.; Maude Etheredge, M.D.; Margaret Rupert, M.D.; Eloise Meek, 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 involves 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 students are organized into an Infantry Regiment of twelve regular companies, one headquarters company, one machine gun company, and a band, and a Battalion of Field Artillery of three batteries.

This course includes physical training, military drill, and the application of fundamental principles of modern tactics. During the second year qualified men may elect the Field Artillery or Machine Gun Training. 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 two hours a week additional theoretical 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 an officer by the University Faculty. The

University provides pay, ranging from $50 to $250 annually, for each of the seventy-two commissioned 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.

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 examiners.

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 9,000 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.

Percy Field, an athletic field, covering ten acres, is used for baseball only. It is hoped that funds may be raised in the near future to finish the part of Alumni Field adjacent to Schoellkopf Field, which has been set aside for the baseball diamond, and stands to seat 6,500 people.

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
Lt. Col. Frank A. Barton ..... Faculty
T. D. Finn, jr. ..... "C" Representative
B. Burton ..... Navy Manager
T. T. Buckley, jr. ..... Crew Representative
L. S. Hazzard ..... Baseball Manager
H. F. Davies ..... Football Captain
E. J. Murphy ..... Baseball Manager

W. S. Dodge.....Football Captain
Pickens Johnson.....Track Manager
D. B. Strickler.....Track Captain
W. S. Gutwillig.....Minor "Sports" Representative
Alger Eugene Hunkin.....Freshman Representative
John B. Shaw.....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, 1921.

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.....$361,023.20

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.....$874.46

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.....$128.00

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

Women's Guild Fund. The gift of women interested in the University, the income to be used to aid needy sick students. Established 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.....$24,296.54

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.....$25,000.00

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 M. Dewar in memory of her son, a member of the Class of 1909, who died on May 20, 1914. Established 1914.....$500

PUBLICATIONS

Cornell University. Agricultural Experiment Station. Memoirs. No. 1–39. 1913–1921.
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 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.

Cornell University Medical Bulletin. v. 1–10. 1911–1921.

Cornell University. Medical College. Publications. 1901–1921.
The Bulletin and Publications contain studies from the various departments of the Medical College.

Cornell University. Official Publication. v. 1–12. 1910–1921.
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.
This series is edited by Charles E. Bennett, Goldwin Smith Professor of Latin and George P. Bristol, Professor of Greek.

Cornell studies in English. No. 1–5. 1916–1920.
This series is edited by Professors Joseph Q. Adams, jr., Clark S. Northup, and Martin W. Sampson.

Cornell studies in philosophy. v. 1–12. 1900–1920.
This series of monograms is issued under the editorial supervision of the professors of philosophy in the Sage School of Philosophy.

Islandica. v. 1–13. 1908–1920.
An annual relating to Iceland and to the Fiske Icelandic collection in the Cornell University Library.

Journal of physical chemistry. v. 1–25, No. 4. 1896–1921.
Published monthly during the academic year by Wilder D. Bancroft, Professor of Physical Chemistry.

Philosophical review. v. 1–30, No. 3. 1892–1921.
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. He reports 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 Alumni Representative, elected on June 22, 1920, is 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; J. 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

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 Wednesday, 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."

The officers of the Associate Alumni for 1921–1922 are: *President*, Edwin E. Sheridan '11; *Vice-Presidents*, Mrs. George D. Crofts '05, and Thomas Fleming, jr., '05; *Secretary*, Foster M. Coffin, '12, Room 31, Morrill Hall, Ithaca; *Treasurer*, William W. Macon '98.

The Board of Directors consists of the officers and Romeyn Berry '04, H. B. Bole '11, E. P. Dandridge '05, John P. Dods '08, Miss Eleanor Gleason '05, R. C. Hargreaves '09, J. P. Harris '01, A. L. Jones '06, Gleeson Murphy '05, J. N. Pew '08, E. N. Sanderson '87, Barrettt Smith '04, N. J. Weldgen '05, and E. B. Whitman '01. Directors *ex officio* are Walter P. Cooke '91, president of the Cornellian Council, and Andrew J. Whinery '10, president of the Association of Class Secretaries.

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 FEDERATION OF CORNELL WOMEN'S CLUBS

The officers of the Federation of Cornell Women's Clubs for 1921–1922 are: *President*, Mrs. C. W. Curtis, 17 Melrose Street, Rochester; *Vice-Presidents*, Miss Emily Hickman, Wells College, Aurora; Miss Ethel Stebbins, 33 West Ninth Street, New York, and Mrs. B. S. Cushman, Ithaca; *Secretary-Treasurer*, Miss Alice J. Street, 520 Union Trust Building, Rochester. The secretary of the Federation is the proper source of information about the several local Cornell women's clubs.

THE CORNELLIAN COUNCIL

The Cornellian Council was founded in 1908 by the alumni to cultivate among themselves the habit of giving regularly for the general support of the University. The Council established the Alumni Fund. The members of the Council are representatives of the graduated classes and thirty members at large. The officers in 1920–21 were: *President*, Walter P. Cooke '91; *Vice-President*, J. K. Fraser '97; *Members of the Executive Committee*, J. Du Pratt White' 90, George D. Crofts '01, and Raymond P. Morse '03; *Secretary*, Harold Flack '12, Room 32, Morrill Hall, Ithaca.

THE CORNELL ASSOCIATION OF CLASS SECRETARIES

The officers of the Cornell Association of Class Secreatries for 1921–1922 are: *President*, Andrew J. Whinery '10; *Vice-President*, Willard Beahan '78; *Treasurer*, Clark S. Northup '93; *Secretary*, Foster M. Coffin '12, Room 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.

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 Univeristy 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.

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., Dean of the Graduate School.
FRANK THILLY, Ph.D., Dean of the College of Arts and Sciences.
DEXTER SIMPSON KIMBALL, M.E., Representing the Professional Colleges.

Executive Committee

ROBERT MORRIS OGDEN, Ph.D., Chairman.
BENTON SULLIVAN MONROE, Ph.D., Secretary.

*STAFF OF INSTRUCTION

JOSEPH QUINCY ADAMS, jr., Ph.D., Professor of English	English
ARTHUR A. ALLEN, Ph.D., Assistant Professor of Ornithology	Ornithology
ALBERT LEROY ANDREWS, Ph.D., Assistant Professor of German	German
RAMIRO ARRATIA, A.B., Instructor in Spanish, Harvard University	Spanish
WILLIAM C. BALLARD, jr., Assistant Professor of Electrical Engineering	Music
LEILA BARTHOLOMEW, Teacher of Music, Grammar Schools, Ithaca	Music
CARL BECKER, B.Litt., Professor of Modern European History	History
CHARLES C. BIDWELL, Ph.D., Assistant Professor of Physics	Physics
GEORGE H. BRANDES, B.Chem., Assistant in Chemistry	Chemistry
ROBERT BRAUN, Director, Braun School of Music	Music
JULIAN P. BRETZ, Ph.D., Professor of American History	History
LESLIE N. BROUGHTON, Ph.D., Assistant Professor of English	English
ARTHUR W. BROWNE, Ph.D., Professor of Inorganic and Analytical Chemistry	Chemistry
LAURA BRYANT, Supervisor of Music, Ithaca Public Schools	Music
EARLE N. BURROWS, M.C.E., Assistant Professor of Civil Engineering	Bridge Engineering
BRUCE A. CAREY, Conductor, Elgar Choir, Hamilton, Canada	Music
WALTER B. CARVER. Ph.D., Assistant Professor of Mathematics	Mathematics
JACOB R. COLLINS, M.S., Instructor in Physics	Physics
LANE COOPER, Ph.D., Professor of English	English
WALTER R. CORNELL, B.S., Instructor in the Mechanics of Engineering	Mechanics
RALPH T. K. CORNWELL, B.Chem., Assistant in Chemistry	Chemistry
CLYDE F. CRAIG, Ph.D., Assistant Professor of Mathematics	Mathematics
JAMES E. CREIGHTON, Ph.D., LL.D., Professor of Philosophy	Philosophy
KARL M. DALLENBACH, Ph.D., Instructor in Psychology	Psychology
HOLLIS E. DANN, Mus.D., Professor of Music	Music
MARCELLE DELATTRE-LEYDEN, Teacher of French, Central High School, Washington, D. C.,	French
FOREST L. DIMMICK, Assistant in Psychology	Psychology
HENRY GRATTAN DOYLE, A.M., Assistant Professor of Romance Languages, George Washington University	Spanish
ALEXANDER M. DRUMMOND, A.M., Assistant Professor of Public Speaking	Public Speaking
CHARLES L. DURHAM, Ph.D., Professor of Latin	Latin

*The names of the instructors in the Summer School in Agriculture are given on page 216.

Ellsworth D. Elston, A.B., Instructor in Geology	Geography and Geology
Albert B. Faust, Ph.D., Professor of German	German
Jean M. Gelas, Instructor, U. S. Military Academy, West Point	Swimming and Fencing
Raymond G. Gettell, A. M., Professor of Political Science, Amherst College	Government
Roswell C. Gibbs, Ph.D., Professor of Physics	Physics
David C. Gillespie, Ph.D., Assistant Professor of Mathematics	Mathematics
Clarence A. Graeser, A.M., Professor of Modern Languages, The Citadel, Charleston, S. C.	French
G. E. Grantham, Instructor in Physics	Physics
Clement L. Griffin, Assistant in Chemistry	Chemistry
E. E. Halstead, Warren, Ohio	Music
William A. Hammond, Ph.D., Professor of Philosophy	Philosophy
Ralph L. Hankey, A.B., Princeton University	French
Dorothy Harris, A.B., Assistant in Geology	Geography and Geology
Ernest Herman Hespelt, A.M., Instructor in Romance Languages	Spanish
Emily Hickman, Ph.D., Professor of History, Wells College	History
Louis B. Hoisington, Ph.D., Instructor in Psychology	Psychology
Harley E. Howe, Ph.D., Assistant Professor of Physics	Physics
Eugene Louis Huet, L.L., Assistant Professor, Junior College, Detroit, Michigan	French
Everett L. Hunt, A.B., Assistant Professor of Public Speaking	Public Speaking
Helen Allen Hunt, Teacher of Music, Boston	Music
Wallie A. Hurwitz, Ph.D., Assistant Professor of Mathematics	Mathematics
James M. Hyatt, A.B., Instructor in Physics	Physics
Stuart D. Jackson, A.B., Instructor in Chemistry	Chemistry
Lee Jenks,	Music
Arthur Edward Johnstone, Teacher of Music, St. Louis	Music
Luther C. Lindsley, A.B., Assistant in Chemistry	Chemistry
William L. Lippincott, B.Chem., Assistant in Chemistry	Chemistry
Asa E. McKinney, A.M., Instructor in Chemistry	Chemistry
James F. Mason, Ph.D., Professor of French	French
David Mattern, A.B., Teacher of Music, Ithaca Public Schools	Music
Benton S. Monroe, Ph.D., Assistant Professor of English	English
Rosario Munoz de Morrison	Spanish
Josiah Morse, Ph.D., Professor of Psychology and Philosophy, University of South Carolina	Education
Carleton C. Murdock, A.M., Assistant Professor of Physics	Physics
Melvin L. Nichols, B.Chem., Instructor in Chemistry	Chemistry
Clark S. Northup, Ph.D., Professor of English	English
Robert M. Ogden, Ph.D., Professor of Education	Education
William R. Orndorff, Ph.D., Professor of Organic and Physiological Chemistry	Chemistry
Frances Ottley,	Music
Frederick W. Owens, Ph.D., Assistant Professor of Mathematics	Mathematics
Miles A. Pond, Ph.B., Assistant Professor of Civil Engineering	Descriptive Geometry
Harry Quayle, Pontiac, Michigan	Music
Harold Lyle Reed, Ph.D., Assistant Professor of Economics, New York University	Economics
Hugh Daniel Reed, Ph.D., Professor of Zoology	Zoology
Ernest W. Rettger, Ph.D., Assistant Professor of Applied Mechanics	Mechanics
Arthur J. Rider, B.S., M.S., Instructor in Chemistry	Chemistry
Heinrich Ries, Ph.D., Professor of Geology	Geology
G. M. Robison, Ph.D., Instructor in Mathematics	Mathematics
Martin W. Sampson, M.A., Professor of English	English
Nathaniel Schmidt, A.M., Professor of Semitics	History
Ernest W. Schoder, Ph.D., Professor of Civil Engineering	Hydraulics

MAY SECOR, Supervisor of Speech Improvement, New York City Schools — Education
FRANCIS R. SHARPE, Ph.D., Professor of Mathematics — Mathematics
LUIS N. SHERWELL, Teacher of Spanish, Stuyvesant High School, New York City — Spanish
B. F. STUBER — Music
EDWARD B. TITCHENER, Ph.D., Professor of Psychology — Psychology
CLARENCE E. TOWNSEND, M.E., Assistant Professor of Machine Design — Mechanical Drawing
LEONARD C. URQUHART, C.E., Assistant Professor of Civil Engineering — Bridge Engineering
ABBOTT P. USHER, Ph.D., Assistant Professor of Economics — Economics
GEORGES ALPHONSE LOUIS VATTIER, Bachelier-ès-lettres, Licencié-ès-lettres, Diplomé d'études superieures, Professor of French at the Royal Military College, Kingston, Ontario — French
SETH WAKEMAN, A.M., Instructor in Education — Education
RAY H. WHITBECK, B.A., Professor of Physiography and Geography, University of Wisconsin — Geography
BERNICE WHITE, Instructor in Music, Hunter College — Music
CORNELIA WILLIAMS, Principal, South Hill School, Ithaca — Music
SUDIE L. WILLIAMS — Music
E. JANE WISENALL, Teacher of Music, High School, Cincinnati — Music
BLANCHE WOODY — Music
MABEL F. YEOMANS, A.B., Instructor in Public Speaking — Public Speaking
BENJAMIN P. YOUNG, Ph.D., Assistant Professor of Zoology — Zoology
JAMES T. QUARLES, A.A.G.O., University Organist and Assistant Professor of Music — Organist

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. 85; 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 1920 was $30. A registration fee of $5 was charged each student who registered for the first time in the Summer Session. 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 the summer of 1920

LATIN

S 1. **The High School Work.** Credit two hours. Professor DURHAM.
S 2. **Seneca's Letters.** Credit two hours. Professor DURHAM.
S 3. **Seminary in Epigraphy.** Professor DURHAM.

GERMAN

S 1. **First Year German.** Credit four hours. Entrance credit, one unit. Assistant Professor ANDREWS.
S 2. **Second Year German.** Credit four hours. Entrance credit, one unit (second unit). Prerequisite, one year of high school German or its equivalent. Assistant Professor ANDREWS.
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 FAUST.
S 4. **The German Drama of the Nineteenth Century.** Credit two hours. Professor FAUST.

FRENCH

S 1. **Elementary Course.** Credit four hours. Entrance credit, one unit. Professor GRAESER.
S 2. **Intermediate Course.** Credit four hours. Entrance credit, one unit. Prerequisite, course S 1 or its equivalent. Mr. HANKEY.
S 3. **Advanced Course.** Credit four hours. Entrance credit, one unit. Prerequisite, course S 2 or its equivalent. Assistant Professor HUET.
S 4. **Advanced Translation.** Credit two hours. Prerequisite, course S 3 or its equivalent. Mr. HANKEY.
S 5. **Elementary Composition and Conversation.** Credit two hours. Prerequisite, course S 3 or its equivalent. Professor GRAESER.
S 6. **History of French Literature.** Credit two hours. Professor VATTIER.
[S 9. **Literature of the Nineteenth Century.** Credit two hours.] Not given in 1920.
S 10. **French Poetry.** Credit two hours. Professor MASON.
S 14. **Advanced Composition and Conversation.** Credit two hours. Professor VATTIER.
S 16. **French Phonetics.** Credit two hours. Professor MASON.
S 17. **Contemporary French Drama.** Credit two hours. Professor VATTIER.
S 24. **French Criticism.** Credit two hours. Assistant Professor HUET.
[S 26. **Old French Texts.** Credit two hours.] Not given in 1920.
S 30. **The Teaching of French.** Credit two hours. Professor MASON.

French Readings. Madame Delattre-Leyden will give readings in French daily except Saturday.

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.

La Maison Francaise. The Sill Cottage on the Campus has been reserved for students of French. Abundant opportunity for conversation in French will be afforded. Madame Delattre-Leyden will be in charge of La Maison Française and also of a special table at Sage College 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. ARRATIA.
S 4. **Modern Authors.** 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. ARRATIA.
S 10. **Masterpieces of Spanish Literature.** Credit two hours. Assistant Professor DOYLE.
S 25. **Spanish-American Literature.** Credit two hours. Assistant Professor DOYLE.
S 30. **The Teaching of Spanish.** Credit two hours. Assistant Professor DOYLE.

Spanish Lectures and Readings. A series of lectures and readings in Spanish by members the instructing staff will be given during the session.

La Casa Espanola. A house at 322 Wait Avenue, across the road from Prudence Risley Hall, was reserved for women students of Spanish, and there was a special table at Prudence Risley Hall, at which only Spanish was spoken. The group was in charge of SENORA MUNOZ DE MORRISON and there was an opportunity, not only for Spanish conversation, but for Spanish games and entertainments.

ENGLISH

S 1. **Composition.** Credit two hours. Assistant Professor BROUGHTON.
S 2. **Introductory Course in Literature.** Credit two hours. Professor NORTHUP.
[S 4. **Advanced Composition.** Credit two hours.]
S 5. **Teachers' Course.** Credit two hours. Professor NORTHUP.
S 6. **Nineteenth Century Poetry.** Credit two hours. Professor SAMPSON.

[S 7. **Nineteenth Century Poetry.** Credit two hours.]
S 8. **Modern Prose.** Credit two hours. Professor COOPER.
S 9. **History of the English Drama.** Credit two hours. Professor ADAMS.
S 10. **Shakespeare.** Credit two hours. Professor ADAMS.
S 11. **American Literature.** Credit two hours. Assistant Professor BROUGHTON.
[S 12. **Victorian Literature.** Credit two hours.]
[S 13. **The English Novel.** Credit two hours. This course may serviceably supplement course S 12.]
[S 14. **Modern Drama.** Credit two hours.]
S 15. **Dramatic Structure.** Credit two hours. Professor SAMPSON.
Readings. Daily except Saturday.
Professor Sampson will read aloud a number of plays discussed in Course S 15. Attendance is optional and is open to others than those taking S 15. No credit will be given.
S 16. **The English Language.** Credit two hours. Assistant Professor MONROE.
[S 17. **Recent English Poetry.** Credit two hours.]
S 18. **Old English.** Credit two hours. Assistant Professor MONROE.
S 19. **Principles of Literary Criticism.** Credit two hours. Professor COOPER.
Elizabethan Literature. For graduates only. Professor ADAMS.
Problems and Methods in Research. For graduates only. Professor COOPER.
Middle English Literature. For graduates only. Professor NORTHUP.

PUBLIC SPEAKING—ORAL ENGLISH

S 1. **Public Speaking.** Credit two hours. Assistant Professor DRUMMOND.
S 2. **Voice Training.** Credit one hour. Assistant Professor HUNT.
S 3. **Course for High School Teachers.** Credit two hours. Miss YEOMANS.
S 4. **Oral Reading.** Credit two hours. Miss YEOMANS.
S 5. **The Production of School Plays.** Credit two hours. Consent of instructor necessary for admission. Assistant Professor DRUMMOND.

PHILOSOPHY

S 1. **The Development of Modern Philosophical Thought.** Credit two hours. Professor CREIGHTON.
S 2. **Logic.** Credit two hours. Professor CREIGHTON.
S 3. **History and Philosophy of the Fine Arts.** Credit two hours. Professor HAMMOND.
S 4. **Greek Civilization.** Credit two hours. Professor HAMMOND.

PSYCHOLOGY

S 1. **Psychology.** Credit two hours. Professor TITCHENER, Dr. DALLENBACH, Dr. HOISINGTON, and Mr. DIMMICK.
S 2. **Attention and Memory.** Credit two hours. Dr. DALLENBACH and Dr. HOISINGTON.
S 4. **Qualitative Laboratory.** Credit two hours. Dr. DALLENBACH, Dr. HOISINGTON, and Mr. DIMMICK.
S 5. **Quantitative Laboratory.** Credit two hours. Dr. DALLENBACH, Dr. HOISINGTON, and Mr. DIMMICK.
S 6. **Experimental Problems.** Hours and credit to be arranged. Courses S 1 and S 4, or their equivalents, are prerequisites for this course. Dr. DALLENBACH and Dr. HOISINGTON.
S 7. **Perception: Advanced Course.** This course presupposes courses S 1 and S 4 or their equivalents. Professor TITCHENER and Mr. DIMMICK.

EDUCATION

S 1. **Educational Psychology.** Credit two hours. Professor OGDEN.
S 2. **Principles of Education.** Credit two hours. Professor MORSE.
S 3. **History of Education.** Credit two hours. Professor MORSE.
S 7. **Mental Tests.** Credit two hours. Mr. WAKEMAN.
S 8. **Exceptional Children.** Credit one hour. Mr. WAKEMAN.
Course S 7 is required as a prerequisite, or as a parallel course with S 8. By special permission of the instructor, however, the above requirements may be waived in the case of students who are specially qualified to pursue the work.
S 9. **Advanced Work in Education.** Hours and credit 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, Professor MORSE, and Mr. WAKEMAN.
S 10. **The Theory and Methods of Speech Improvement.** Miss SECOR.

Immigrant Education

In co-operation with the New York State Department of Education arrangements are being made for a course to interpret the meaning of Americanization, to furnish persons interested in Americanization a definite background for further study and practice, to develop competent teachers to give the immigrant instruction in the English language and to familiarize him with American customs, laws, and standards of living. The University of the State of New York will certify the attendance and satisfactory completion of the course. School authorities will give preference to those holding this certificate when considering applicants for work with foreign-born adults. Further information may be had by addressing Professor R. M. Ogden, Goldwin Smith Hall 246, Ithaca, N. Y.

For additional courses in Education open to students of the Summer Session, see p. 220.

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 courses on Mental Tests and Exceptional Children. The latter have been expanded to give a thorough training in administration of tests and evaluation of results. Students who wish to enter these courses with a view to educational and other 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 students may be had by consulting Professor R. M. Ogden, Goldwin Smith Hall 246, either in person or by letter.

HISTORY

S 1. **Greek and Roman History.** Professor NATHANIEL SCHMIDT.
S 2. **Oriental History.** Professor NATHANIEL SCHMIDT.
S 3. **Modern European History.** Credit two hours. Professor CARL BECKER.
S 4. **The French Revolution.** Credit two hours. Professor CARL BECKER.
S 7. **American History. 1750-1848.** Credit two hours. Professor BRETZ.
S 8. **American History. 1846-1875.** Credit two hours. Professor BRETZ.
American History. Seminary.
[**American History, 1815-1850.**] Not given in 1920.
[**American History, 1865-1914.**] Not given in 1920.
S 17. **Contemporary History.** Credit two hours. Professor HICKMAN.

GOVERNMENT AND SOCIAL SCIENCE

S 1. **American Government.** Credit two hours. Professor GETTELL.
S 2. **Social and Political Institutions.** Credit two hours. Professor GETTELL.

ECONOMICS

S 1. **Principles of Economics.** Credit four hours. Assistant Professor USHER.
S 2. **Money and Credit.** Credit two hours. Assistant Professor REED.
S 3. **Theory and History of Banking.** Credit two hours. Assistant Professor REED.
S 4. **General Problems of Economic History.** Credit two hours. Assistant Professor USHER.

MATHEMATICS

In addition to the courses noted below, each teacher will have a daily office hour for consultation with students. It is urged that this opportunity be utilized by all concerned.

In the following list, courses S 1 to S 6 (2) are equivalent to those having the same number in the Announcement of the College of Arts and Sciences for 1919-1920.

Courses S 1, S 2, S 3, are planned for those teachers in the secondary schools who wish to review these subjects. They are equivalent to the advanced entrance requirements of Cornell University and of the College Entrance Examination Board. They presuppose a ready knowledge of elementary algebra (through quadratic equations) and of plane geometry. University credit for S 1, S 2, S 3, three hours each.

S 1. **Solid Geometry.** Assistant Professor GILLESPIE.
S 2. **Advanced Algebra.** Assistant Professors CARVER and HURWITZ.
S 3. **Trigonometry.** Assistant Professors HURWITZ and CRAIG.

Students taking S 6 (1) or S 6 (2) are requested to take no other University work during the session without special permission. University credit for S 6 (1) or S 6 (2), six hours each.

S 6 (1). **Analytic Geometry and the Calculus.** (First term's work). Professor SHARPE.
S 6 (2). **Analytic Geometry and the Calculus.** (Second term's work). Assistant Professor OWENS and Dr. ROBISON.

Course for Teachers

Selected Topics in Algebra and Geometry. Assistant Professor CARVER.

Advanced Courses

S 62. **Projective Geometry.** Credit three hours. Assistant Professor GILLESPIE.
S 42. **Analysis.** Credit three hours. Assistant Professor CRAIG.

Reading and Research Courses

Applied Mathematics. Professor SHARPE.
Functions of a real, variable, point-sets, calculus of variations. Assistant Professor GILLESPIE.
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.

PHYSICS

S 3. **Introductory Experimental Physics.** Credit six hours. Professor GIBBS and Mr. COLLINS.

S 4a. **General Physics.** Credit two hours. Assistant Professor HOWE.

S 10. **Physical Experiments.** Credit one or two hours. Mr. COLLINS.

S 11b. **General Physics.** Prerequisites, Physics 3 or its equivalent and the differential and integral calculus. Credit two hours. Mr. GRANTHAM.

S 12. **Physical Measurements.** Credit one to four hours. Prerequisites, the equivalent of eight hours of College Physics (unless Physics S 11 b be taken simultaneously) and a knowledge of the elements of calculus. Assistant Professor BIDWELL and Mr. HYATT.

S 14. **Physical Measurements.**

S 20. **Heat.** Credit two hours. Assistant Professor BIDWELL.

[S 21. **Light.**] Not given in 1920.

[S 22a. **Electricity and Magnetism.**] Not given in 1920.

S 22b. **Electricity and Magnetism.**] Credit two hours. Assistant Professor MURDOCK.

[S 23a. **Properties of Matter.**] Not given in 1920.

[S 23b. **Properties of Matter.**] Not given in 1920.

S 25. **Advanced Laboratory Practice.** This course is open to students who have had Physics S 12 (4 hours credit) or its equivalent. Credit varies with the amount of work done. Assistant Professor MURDOCK.

S 48. **Theoretical Physics.** Assistant Professor HOWE.

[S 51. **Theoretical Physics.**] Not given in 1920.

[S 52. **Theoretical Physics.**] Not given in 1920.

S 75. **Special Topics for Investigation.**

For further information regarding opportunities for research and investigation during the Summer of 1920 see the *Announcement of the Graduate School*.

CHEMISTRY

Courses in brackets are not given in 1920.

S 1. **Introductory Inorganic Chemistry.** a. Lectures. Professor BROWNE and Mr. GRIFFIN.
b. Laboratory. Mr. MCKINNEY and Mr. LINDSLEY.
c. Recitations. Mr. MCKINNEY.
Credit for a, b, and c, six hours.

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 and Mr. LIPPINCOTT.
B. Quantitative Analysis. Credit two hours. Mr. RIDER and Mr. LIPPINCOTT.
Advanced work (see course S 14) 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 and Mr. LIPPINCOTT.

S 12. **Quantitative Analysis.** Credit four, five, or six hours. Mr. NICHOLS and M 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. JACKSON, and Mr. CORNWELL.
B. Credit four to six hours. Mr. JACKSON and Mr. CORNWELL.

S 31. **Organic Chemistry.**
A. Credit three hours. Professor ORNDORFF and Mr. CORNWELL.
B. Credit three hours. Mr. JACKSON and Mr. CORNWELL.

S 32. **Organic Chemistry, Shorter Course.** Credit four hours. Professor ORNDORFF, Mr JACKSON, and Mr. CORNWELL.

S 34. **Advanced Organic Chemistry.** Credit two or more hours. Professor ORNDORFF, Mr. JACKSON, and Mr. CORNWELL.

S 37. **Methods of Organic Analysis.** Credit two or more hours. Professor ORNDORFF, Mr. JACKSON, and Mr. CORNWELL.

[S 48. **Selected Topics in Advanced Inorganic Chemistry.** Credit one hour.]

[S 50. **Introductory Physical Chemistry.**
A. Credit three hours.
B. Credit three hours.

[S 51. **Physical Chemistry Laboratory.** A. Credit three hours. B. Credit three hours.]

[S 54. **Colloid Chemistry.** Credit two hours.]

[S 57. **Laboratory Practice in Physical Chemistry.** Credit one to three hours.]

[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. 218.

ZOOLOGY AND ORNITHOLOGY

S 1. **General Zoology.** Credit six hours. Professor REED and Assistant Professor YOUNG. Laboratory fee, $6.

S 2. **Teachers' Course.** Credit one or more hours. Professor REED and Assistant Professor YOUNG. Laboratory fee, $3.

S 3. **Ornithology.** Credit three hours. Assistant Professor ALLEN. Laboratory fee, $2.

GEOGRAPHY AND GEOLOGY

S 1. **Physical Geography.** Credit two hours. Professor WHITBECK.
S 2. **Commercial and Industrial Geography.** Credit two hours. Professor WHITBECK.
S 3. **The Teaching of Geography in Elementary Schools.** Credit one hour. Professor WHITBECK.
S 5. **Geology. A General Introductory Course.** Credit two hours. Professor RIES.
S 6. **Mineral Resources.** Credit two hours. Professor RIES.
S 8. **Physical Geography, Laboratory Course.** Credit one hour. Mr. ELSTON.
S 9. **Geology, Laboratory Course.** Credit one hour. Mr. ELSTON.
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. A series of excursions under the direction of Professor VON ENGELN and other members of the staff. Excursions 1, 2, 3, 5, 6 are required of all students in the course, and in addition for one hour's credit they must make either 10, or two of 7, 8, and 11.

PHYSICAL EDUCATION

For description of courses see p. 219, for courses in Rhythmic Gymnastics see p .215.

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.

SHOP WORK

S 7. **Pattern Making.**
S 10. **Machine Work.**
These courses will be given provided registration is large enough to justify operation of the shops.

MECHANICS OF ENGINEERING

Course S 20 is the equivalent of M 5 of Sibley College, or C.E. 20 of the College of Civil Engineering. Course S 21 is the equivalent of M 6 of Sibley College, or C.E. 21 of the College of Civil Engineering.

S 20 includes statics of a material point and of rigid bodies, and kinetics of rigid bodies. Prerequisite, Integral Calculus. Assistant Professor RETTGER.

S 21 includes strength of materials (that is, mechanics of materials). Prerequisite, the equivalent of Course S 20. Mr. CORNELL.

A student taking either course for the first time is not permitted to take any other work unless permission to do so is granted him by the instructor in charge or by the class adviser of his college.

The courses are open to students from other universities subject to the same requirements for admission as made for Cornell students. Such students should bring with them official credentials from their universities showing that they have met the requirements for admission to the courses in question.

STRUCTURAL ENGINEERING AND HYDRAULICS

C.E. 71. **Structural Design and Bridge Stresses.** Credit four hours. Prerequisite, Mechanics 20. Assistant Professor BURROWS.

S 71. **Structural Design.** Credit three hours. Prerequisites, Mechanics 20 and first term 71. Assistant Professor BURROWS.

S 72. **Reinforced Concrete Arch.** Credit three hours. Prerequisite, courses 20 and 21, and the first part of course 71.

S 75. **Bridge Design.** Credit three hours. Prerequisite, course 71. Assistant Professor BURROWS.

S 77. **Concrete Construction.** Credit three hours. Prerequisite, courses 20 and 21. Assistant Professor URQUHART.

S 78. **Concrete Design.** Credit three hours. Prerequisite, course 77. Assistant Professor URQUHART.

C.E. 40. **Hydraulics.** Credit three hours. Prerequisite, C.E. 20, or Sibley M 5 and 6. Professor SCHODER.

MUSIC

The courses offered by the Department of Music are primarily intended for the training of supervisors of music in public schools, normal schools, and colleges. A special course is offered for the training of directors of instrumental music in the schools.

Students are admitted to the Department of Music only on application to Professor Hollis Dann.

First year courses are designated A; Second year B; Third year C; Fourth year D; Advanced courses E.

Sight Reading—A. Miss BARTHOLOMEW and Miss OTTLEY.
Sight Reading—B. Mr. QUAYLE.
Sight Reading—C. A home-study course.
Dictation—A. Miss BARTHOLOMEW and Mr. QUAYLE.
Dictation—B. Credit two hours. Miss WHITE and Miss OTTLEY.

Dictation—C. Credit one hour. Miss WISENALL.
Material and Methods—B. Miss BRYANT.
Material and Methods—C. Professor DANN.
High and Normal School Music—D. Professor DANN.
Practice Teaching—C. Miss WOODY and Miss WHITE.
Practice Teaching—D. Miss BRYANT.
Elementary Theory—A. Miss OTTLEY.
Harmony—A. Miss WISENALL.
Harmony—B. Credit two hours. Miss WISENALL.
Melody—C. Credit one hour. Mr. JOHNSTONE and assistant Professor BALLARD.
Melody—D. Credit one hour. Mr. JOHNSTONE and Assistant Professor BALLARD.
Chorus—A and B. Mr. CAREY and Miss COLWELL.
Advanced Chorus. Professor DANN.
Conducting—C. Mr. CAREY.
Conducting—D. Mr. BRAUN and Mr. CAREY.
School Orchestra—C. Mr. MATTERN.
Violin Classes.—Mr. MATTERN and Mr. STUBER.
Community Orchestra.—Mr. MATTERN.
Orchestra, Material and Methods—E. Mr. MATTERN.
Band and Orchestra Technique.—Mr. STUBER.
Song Interpretation—B. Mr. JOHNSTONE.
Rote Songs and Voice Training—B. Miss BRYANT and Miss COLWELL.
Voice Training—D. Mrs. HUNT, and Miss COLWELL.
Principles and Practice of Teaching—D. A home-study course.
History of Music and Current Events—C. A home-study course.
History of Music and Current Events—D. A home-study course.
Musical Appreciation I. Miss S. L. WILLIAMS.
Musical Appreciation II. Mr. JOHNSTONE.

Progressive Series of Piano Lessons (Elective)

I. **Elementary.** Mr. BRAUN.
II. **Intermediate.** Credit two hours. Mr. BRAUN.
III. **Advanced.** Credit two hours. Mr. JOHNSTONE.

Normal Courses in Piano Teaching

I. Mr. BRAUN.
II. Mr. BRAUN.

Physical Education

Singing Games, Rhythms, and Folk Dances. 1. Observation of children's classes.
2. Teacher's course in connection with course 1.

STATE COLLEGE OF AGRICULTURE

OFFICERS

ALBERT WILLIAM SMITH, M.M.E., Acting President of the University.
ALBERT RUSSELL MANN, A.M., Dean of the College of Agriculture and Director of the Experiment Station.
GEORGE ALAN WORKS, Ph.B., M.S.A., Professor of Rural Education, in charge of the Summer School.
CORNELIUS BETTEN, Ph.D., Professor, Secretary, and Registrar.

STAFF OF INSTRUCTION

ROBERT M. ADAMS, B.S., A.B., Assistant Professor of Farm Crops.
FLOYD E. ANDREWS, Foreman of the Instruction Plant, Poultry.
ARTHUR AUGUSTUS ALLEN, Ph.D., Assistant Professor of Ornithology.
CHARLES ETHAN ALLEN, B.A., M.D., Instructor in Histology and Anatomy, Albany Medical College, and Professor of Physiology, Albany College of Pharmacy.
ALBERT REIFF BECHTEL, B.S., A.M., Instructor in Botany.
CORA E. BINZEL, Acting Professor of Rural Education.
O. G. BRIM, M.A., formerly Professor of Rural Education, Rock Hill, S. C.
JULIAN E. BUTTERWORTH, A.B., Ph.D., Professor of Rural Education.
FRED ALBERT CARLSON, B.S., Instructor in Soils.
GEORGE WALTER CAVANAUGH, B.S., Professor of Agricultural Chemistry.
PETER WALTER CLAASSEN, M.A., Ph.D., Assistant Professor of Biology.
ANNA BOTSFORD COMSTOCK, B.S., Assistant Professor of Nature Study.
OTIS FREEMAN CURTIS, A.B., Ph.D., Assistant Professor of Botany.
RALPH WRIGHT CURTIS, M.S.A., Professor of Landscape Art.
JOHN D. DETWEILER, B.A., M.A., Instructor in Nature-Study.
EMERY N. FERRISS, Ph.B., Ph.D., Acting Assistant Professor of Rural Education.
HELEN GLEASON, Head of Clothing Department, University of Missouri.
JULIA GLEASON, Instructor in Home Economics.
JEANNE MACLEAN GRAY, B.A., State Supervisor of Physical Education, Pennsylvania.
L. A. HAUSMAN, M.A., Ph.D., Instructor in Biology.
ARTHUR JOHN HEINICKE, B.S.A., M.A., Ph.D., Assistant Professor of Pomology.
GUSTAVE F. HEUSER, Ph.D., Assistant Professor of Poultry Husbandry.
LAURENCE S. HILL, B.S., Director of Physical Education, Public Schools, Albany, N. Y.
HUGH CECIL HUCKETT, B.S.A., Assistant in Entomology.
F. BEATRICE HUNTER, B.S., Instructor in Home Economics.
EMMA JOHNSON, B.S., Assistant State Leader of Junior Extension.
PAUL J. KRUSE, A.B., Ph.D., Professor of Rural Education.
DAVID LUMSDEN, Assistant Professor of Floriculture.
WILLIAM FOSTER LUSK, B.Ph., M.S.A., Professor of Rural Education.
NANCY HILL MCNEAL, Ph.B., Assistant Extension Professor of Home Economics.
M. S. MARKLE, Ph.D., Professor of Botany, Earlham College.
EDWARD GARDNER MISNER, B.S., Ph.D., Assistant Professor of Farm Management.
HELEN MONSCH, B.S., M.A., Assistant Professor of Home Economics.
WINIFRED MOSES, B.S., Assistant Professor of Home Economics.
RALPH SIMPSON NANZ, B.S., Instructor in Botany.
E. LAURENCE PALMER, A.B., M.A., Ph.D., Assistant Professor of Rural Education.
HAROLD A. PRATT, Instructor in Floriculture.
JOHN M. REED, B.A., Acting Director of Physical Education, Rensselaer Polytechnic Institute.

FRANK ELMORE RICE, A.B., Ph.D., Assistant Professor of Agricultural Chemistry.
LOUIS MICHAEL ROEHL, B.S., Supervisor of Farm Shop Work.
FLORA ROSE, B.S., M.A., Professor of Home Economics.
GEORGE H. RUSSELL, Assistant in Nature Study.
DWIGHT SANDERSON, B.S. in Agr., Professor of Rural Organization.
HENRY WILLIAM SCHNECK, B.S., M.S.A., Assistant Professor of Vegetable Gardening.
THOMAS OXNARD SPRAGUE, B.S., Assistant in Pomology.
SAMUEL NEWTON SPRING, B.A., M.F., Professor of Forestry.
ROLLAND MACLAREN STEWART, A.B., Ph.D., Professor of Rural Education.
WILLIAM ALONZO STOCKING, M.S.A., Professor of Dairy Industry.
JAY R. TRAVER, A.B., Assistant in Nature Study.
MARTHA VAN RENSSELAER, A.B., Professor of Home Economics.
FRANK B. WANN, Instructor in Botany.
KARL MCKAY WIEGAND, B.S., Ph.D., Professor of Botany.
WILFORD MURRAY WILSON, M.D., Professor of Meteorology.
GEORGE ALAN WORKS, B.Ph., M.S.A., Professor of Rural Education.
WILLIAM JOSEPH WRIGHT, B.S., M.S., Extension Professor of Rural Education.

COURSES IN THE COLLEGE OF AGRICULTURE

ANIMAL HUSBANDRY

S 1. **Principles and Practice of Feeding Animals.** Credit two hours.
S 2. **Principles of Animal Breeding and Elementary Judging.** Credit three hours.

BACTERIOLOGY

S 1. **Bacteriology.** Credit two hours. Professor STOCKING.

BIOLOGY

S 1. **General Biology.** Credit three hours. Assistant Professor CLAASSEN and Dr. HAUSMAN. Laboratory fee, $2.50.
S 2. **Protozoology.** Credit one hour. Dr. HAUSMAN.

BOTANY

S 1. **Elementary Botany.** Credit three hours. Assistant Professor MARKLE and Mr. WANN.
S 2. **Elementary Morphology of Seed Plants.** Credit one hour. Assistant Professor MARKLE and Mr. WANN. Laboratory fee, $2.
S 3. **General Plant Physiology.** Credit three hours. Prerequisite: chemistry and elementary botany. Assistant Professor CURTIS.
S 4. **Identification, Classification, and Ecology of the Higher Plants.** Credit two hours. Prerequisite, some training in structural botany taken previously or in connection with this course. Professor WIEGAND. Laboratory fee, $2.50.
S 5. **Trees and Shrubs.** Credit two hours. Prerequisite, some training in structural botany, taken previously or in conjunction with this course. Mr. BECHTEL. Laboratory fee, $2.50.
S 8. **Identification and Classification of Lichens, Liverworts, Mosses, and Ferns.** Credit one hour. Prerequisite, a general knowledge of structural botany. Mr. NANZ. Laboratory fee, $2.

CHEMISTRY

S 85. **Agricultural Chemistry, General Course.** Credit two hours. Prerequisite, Introductory Chemistry. Professor CAVANAUGH.
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 preceeded also by a course in Organic Chemistry. Professor CAVANAUGH.
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.**

DAIRY INDUSTRY

S 1. **Dairy Industry.** Credit one hour. Professor STOCKING.

ENTOMOLOGY

S 4. **Elementary Morphology of Insects.** Credit three hours. Mr. HUCKETT. Laboratory fee, $2.
S 5. **Elementary Systematic Entomology.** Credit two hours. Must be preceded or accompanied by course S 4. Mr. HUCKETT. Laboratory fee, $3.

FARM CROPS

S 10. **Farm Crops.** Credit two hours. Assistant Professor ADAMS.

FARM MANAGEMENT

[S 1. **Farm Cost Accounting.** Credit two hours.]
[S 2. **Farm Management.** Credit two hours.] Not given in 1920.

FLORICULTURE

S 1. **Garden Flowers.** Credit one hour. Assistant Professor LUMSDEN and Mr. PRATT.
S 2. **Indoor Flower Growing.** Credit one hour. Mr. PRATT.
S 3. **Arrangement for Annuals and Herbaceous Perennials in the School Garden.** Credit one hour. Assistant Professor LUMSDEN.

FORESTRY

S 1. **The Tree and the Forest.** Credit one hour. Professor SPRING.
S 2. **Forests and Forestry.** Credit two hours. Professor SPRING.

HOME ECONOMICS

S 3A. **An Introductory Course in Foods, Part I.** Credit five hours. Assistant Professor MOSHER. Laboratory fee, $15.
S 3B. **An Introductory Course in Foods, Part II.** Credit four hours. Prerequisite, S 3, Part I. 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. Laboratory fee, $5. Open only to students expecting to teach. Assistant Professor MONSCH.
S 6. **Home Economics in the Rural Schools.** Credit two hours. Assistant Professor MCNEAL. Laboratory fee, $5.
S 60. **Clothing and Textiles, Introductory Course.** Credit three hours. Miss JULIA GLEASON. 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 70A. **Constructive Costume Design.** Credit two hours. Prerequisite, S 60 or its equivalent and elementary design. Miss HUNTER. Estimated expense, $8.
S 80. **Elementary Millinery.** Credit two hours. Prerequisite, S 60 or its equivalent. Miss HELEN GLEASON. Estimated cost, $6 to $10. Laboratory fee, $3.
S 90. **Textiles.** Credit two hours. Miss HELEN GLEASON. Estimated expense, $5. Laboratory fee, $2.
S 120a. **Household Management.** Credit two hours. Professor VAN RENSSELAER.
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. Professor ROSE and others. Laboratory fee, $5.

LANDSCAPE ART

S 3. **The Arrangement and Planting of Home and School Grounds.** Credit one hour. Professor CURTIS.

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. Assistant Professors COMSTOCK and PALMER, Mr. RUSSELL, and Miss TRAVER.
S 3. **Nature Literature.** Credit one hour. Assistant 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.

PHYSICAL EDUCATION

S 1. **Hygiene.** Credit two hours.
S 2. **First Year Practice.** Credit two hours.
S 3. **Histology and Anatomy.** Credit two hours. Dr. VAN WAGENEN.
S 4. **School Yard Athletics.** Credit one hour. Mr. KUHNERT.
Rural Education. Course S 2. See p. 220.
S 12. **Second Year Practice.** Credit two hours.
S 13. **Physiology.** Credit one hour. Dr. ALLEN.
S 14. **Public Speaking.** Credit two hours. Assistant Professor HUNT.
S 15. **Anatomy.** Credit one hour. Dr. VAN WAGENEN.
Rural Organization. Course S 1. See p. 220.
S 20. **Physical Diagnosis.** Credit one hour. Dr. ALLEN.
Rural Education S 4. See p. 220.
S 22. **Third Year Practice.** Credit two hours. Gymnasium.
S 24. **Kinesiology.** Credit one hour. Miss GRAY.
S 29. **Method and Practice of Teaching Physical Education.** Credit two hours. Mr. HILL.
S 30. **First Aid.** Credit one hour. Dr. ALLEN.
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.**

COURSES IN ATHLETICS

(Required of candidates for the certificate)

S 6. **Soccer.** Credit one hour. Mr. HUTCHINSON.
S 7. **Base Ball.** Credit one hour. Mr. REED.
S 8. **Track and Field Athletics.** Credit one hour. Miss GRAY and Mr. REED.
S 9. **Hockey and Tennis.** Credit one hour. Miss WATERMAN.
S 10. **Football.** Credit one hour. Mr. REED.
Basketball. Theory and Practice. Offered as part of the Third Year Practice Course S 22.
S 40. **General Course in Calisthenics and Recreation for the Class-room Teacher.** Credit one hour.

ORNITHOLOGY

Courses in Ornithology as announced on p. 213 are open without tuition charge to students registered in the College of Agriculture Summer School.

POMOLOGY

S 1. **General Fruit Growing.** Credit three hours. Prerequisite, Botany S 1 or its equivalent. Professor HEINICKE.

POULTRY HUSBANDRY

S 1. **The Care and Management of Poultry.** Credit two hours. Assistant Professor HEUSER. Laboratory fee, $3.
S 3. **Feeding Practice.** Credit one hour. Mr. ANDREWS. Laboratory fee, $1.
S 4. **Incubating Practice.** Credit one-half hour. Must be accompanied by course S 1. Mr. ANDREWS. Laboratory fee, $1.
S 5. **Brooding Practice.** Credit one-half hour. Must be accompanied by Course S 1. Mr. ANDREWS. Laboratory fee, $1.

RURAL EDUCATION

S 2. **Educational Psychology.** Credit two hours. Professor STEWART and Mr. BRIM.
S 4. **Principles of Teaching.** Credit two hours. Professor STEWART.
S 6. **Agriculture in the High School.** Credit two or three hours. Professor LUSK.
S 7. **Home Economics in the High School.** Credit three hours. Professor BINZEL.
S 9. **The Organization of Junior Project Work.** Credit two hours. Professor WRIGHT and Miss JOHNSON. Field and inspection trips not to exceed $10 in cost.
S 10. **Educational Measurement.** Credit two hours. Professor KRUSE.
S 14. **Organization of Teacher-Training for Vocational Agriculture.** Credit two hours. Professor LUSK.
S 16. **Rural Secondary Education.** Credit two hours. Assistant Professor FERRISS.
S 17. **The Principalship of the Rural High School.** 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. Mr. BRIM.

RURAL ENGINEERING

S 41. **Farm Shop Work.** Credit two hours. Mr. ROEHL.

RURAL ORGANIZATION

S 1. **The Social Problems of Rural Communities.** Credit two hours. Professor SANDERSON.
S 3. **The Organization of Agriculture in the United States.** Credit one hour.
S 7. **Social Studies for Rural High Schools.** Credit one hour. Professor SANDERSON.

SOIL TECHNOLOGY

S 1. **Soils.** Five periods. Credit two hours. Mr. CARLSON.

VEGETABLE GARDENING

S 1. **Vegetable Gardening.** Credit three hours. Assistant Professor SCHNECK.
S 2. **Advanced Vegetable Gardening.** Credit one hour. Prerequisite Course S 1. Assistant Professor SCHNECK. Laboratory fee $1.50.

ZOOLOGY

The work in the department of Zoology as announced on p. 213 is open, without tuition charge to students registered in the College of Agriculture Summer School.

THE FIFTY-THIRD ANNUAL COMMENCEMENT

Wednesday, June 22, 1921

FIRST DEGREES

Bachelors of Arts

Conferred September 30, 1920

Raymond Peck Allen
Hosea Cushman Ballou
William Henry Colvin, jr.
Russell Harding Fogg
Margaret Goodfellow
William Stull Holt
Russell Olin Hooker
Edwin Gordon MacKenzie
Rose Susan Malmud
Dominick Francis Maurillo
Harold Fredric Miller
Joel Ketchum Pitcher
Helen Sawyer
Alice Louise Smith
Verdie Elizabeth Snyder
Harold Eugene Sturcken
Nellie Grace Tallman
Whitelaw Todd Terry
Marjorie Anna Thomas
Edward Sidney Weil
*Walter Kendall Wipperman

Conferred February 9, 1921

Otto Martin Buerger
Roger Scureman Clark
Alice Hill Erskine
Spenser Stranahan Gawne
Victor Budd Geibel
Paul Gillette
John Knight Holbrook, jr.
Mary Katherine Hoyt
Leah Lazar Lowensohn
Edward Ellington Neill
Fields Seeley Pendleton, jr.
Donald MacLean Purdy
Carl Edward Purple
Joseph Raycroft Reider
Henry Wisdom Roden
Leonora Blanche Rubinow
Walter Lee Scott
Leland Twitchell Shafer
Theodore McKee Trousdale
Irving Henry Warshow

Conferred June 22, 1921

Hyman Adelsberg
Charles Wilbur Apthorpe
Jane Isabelle Archibald
Jerome Thomas Atkinson
Lillian Badanes
Katharine Badger
Charles Chester Bailey
David Wright Baker
Ruth Marion Balcom
Edward Holmes Bartsch
Helen Marion Bateman
Irving Bosley Baugher
Theodore Lake Bennett
George Alden Benton, jr.
Frederick Keating Beutel
Elston Voorhees Binns
Harold William Blodgett
Francis Joseph Bolan
Caroline Grace Bolton
†Eleanor Boudin
Elizabeth Bowen
George Adams Boyd
Fred Van Ness Bradley
Blanche Laura Brown
Josephine Stevens Bryan
Nellie Leona Buck
Paul Mercer Bungart
Raymond Charles Burton
Elva May Cable
Frank Lincoln Campbell, jr.
John Francis Cannon
Louis Caplan
Philip Francis Carroll
Marion Anna Clark
Mary Katherine Conway
Dorothy Lydia Cooper
Grace Huntington Corwin
Cornelia Marie Cotton
Raoul Faust Cowley
§Paul Gamber Culley
Wallace Vincent Cunneen
Allison Danzig
Hazel Adelia Dates
Irene Davis
Arthur Hobson Dean
Edward Victor Denneen
Richard Douglass Densmore
Elsie Mildred Denton
Sophie Marie Deylen
Michael Dick
Johanna Mary Dieckmann
Jayne Disbrow
Garrett DeNyce Duryea
Eleanor Margaret Edmonds
Eric Sigfrid Erickson
Grace Kathryn Fanning
Walter Dean Ferres, jr.
Jean Anna Fischer
Florence Perrott Fleet
‡Eleanor Margaret Foote
Theresa Anna Fox
Louis Frank
Julian Maxwell Preston
Robert Emanuel Friedlich
Milton H. Gennis
Lydia Lorinda Godfrey
Emil Goldberg
William Brook Graves
J. Nelson Grove
Francis Dowden Gunn
Agnes Nelson Hall
John Everett Hardy

*As of June 23, 1920.
†With Honors in Economics.
‡With Honors in French.
§With Honors in English.

Delos Walker Haring
Clency Herman Hasbrouck
Gertrude Curtis Hazzard
Anna Heller
Lulu Elsie Henderson
Harold Bernard Hermann
Eric Donald Hirsch
Roger Wolcott Hooker
Alice Mary Hopkins
Stephen Charles Hoyt
Miles Richard Jacobs
Seth Ransom Jagger
Ernest Edward Johnson
Merton Wurke Jones
Wilma Frances Judd
Elisabeth Keiper
Roy James Kennedy
*Marcel Hartwig Kessel
Willard Augustus Kiggins, jr.
Sadie Klein
Tsae Ngoo Kwong
Frederic Chapin Lane
Arthur Cornelius Lansing
Frederick Henry Lape
Leo Joseph Larkin
Lillian Beatrice Lazarus
George Sterling Lee, jr.
Anna Elizabeth Lightfoote
Daniel Curtis Lindsay
Carl Aaron Livingston
Helene Regina Lowenstein
Janet Gregg MacAdam
Anna Elizabeth McCabe
Rollin Herbert McCarthy
John Gordon McEdward
Charles David Mackey, jr.
Catherine Elizabeth McMillan
William Mahl
William Michael Maloney
Alice Couzens Martin
Martha Elizabeth Martin
Charles Ronald Mather
Louis Meinhold
George Merrell, jr.
Frank Winder Mish, jr.
Dale Raymond Mitchell
Elizabeth Calhoun Montgomery
Annie Lardner Moore
Florence Maxine Movshovitch
George Munsick
William Emanuel Muntz
Barbara Arden Murlless
Frederick Jefferson Muth
Ruth Marie O'Brien
Sidney Alton Packard
Irvine Heinly Page
Floyd Roswell Parks
Arthur George Pellman
Kenneth Warner Pfleger
Willaim Hayes Pope
Curtis Tuttle Prout
Mildred Agatha Proux
Clara Ella Quaif
Stella Josephine Quattlander
James Alexander Ramsay
Edith Annetta Rankin
Edward Stevens Rankin, jr.
Frances Raymond
Louis Jerome Reed
May Agatha Regan
Margaret Abbie Remsen
Donald Sims Rickard
Lauretta Elizabeth Riffe
William Scrivener Rurode
George William Anton Saam
Evarts Foster Sands
Grace Marie Santoro
Thomas Espy Sauters, jr.
Gladys Saxe
Cornelia Mary Schermerhorn
Elsa Carolyn Schlobohm
Walter Schoellkopf Schmidt
Peter Alphons Schultz
Barbara Rose Schurman
Irving Allen Schustek
Gretchen Schweitzer
Paul Sylvester Seager
Sarah Naomi Searles
Edwin Roy Shaver
John Balcom Shaw, jr.
Kenneth Marshall Shaw
Erna Rose Shults
Irving Nathan Sidman
Sutherland Eric Rognvald Simpson
Alexander Wesley Smith
Ralph Harry Smith
Alfred William Snedeker
Josephine Augusta Sniffen
Bernard Sobol
Martha Chandley Souter
Helen Stankiewicz
Dorothy Stasch
Ormelle Haines Stecker
Robert Wenzing Steel
Violet Catherine Steiner
Edith Elizabeth Stokoe
Rosalie Suffin
Louise Tarbell
Alfred Leslie Taylor
Margaret Thilly
Cora Belle Thomas
Frank Howard Thomas, jr.
Louis Tinkler
Walter Barton Townsend
Allan Hosie Treman
John Henry Trescher
Violet Laura Tripp
Walter Kent Van Alstyne
Edward Heath VanDuzee
Theodora Van Horn
Raymond Everett Venman
Frederic Leon Vosburgh
Louise Alberta Waite
Francis Doolittle Wallace
Clark Abram Warburton
Albert John Ward
Fritz William Wegner
Evelyn Hannah Weil
David Wexler
Mary Alexandria Wheeler
Elwyn Brooks White
James Waldo Wilbur
Ansley Wilcox, 2nd.
Wade Inskeep Wilson
*Valentine Barthold Windt
Annie Yoffa
Harold Runyon Young

Bachelors of Chemistry

Conferred September 30, 1920

Walter Gerard Blackburn
Arnold Manuel Kline
Shao-Fan Tan
Eugene John Viano

*With Honors in English.

Conferred February 9, 1921

Donald Cutler Blanke
Frank Alexander Griffin
Harold Arthur Hartt
Samuel Lefkowitz
John Lister McElfresh
Isidor Werbelowsky

Conferred June 22, 1921

James Richard Adams
Julius Bendet
John Latham Benham
Harold Cairns Boothroyd
Joseph Colucci
John Charles Downey
William Edward Friedman
Francis Evaul Hance
Bernard Hatz
Andrew James Ronald Helps
Leon Frederick Hirshberg
Walter Scott Holzberger
Robert Charles Houck
Harvey Thomas Kennedy
Charles Klein
Karl Gilbert Krech
Harold Talbot Lacey
Mary Elizabeth Lansdale
Albert Washington Laubengayer
Harry Levin
Leo Lilienfeld
Elliot Abraham Miller
John MacLeod Moore
William Wallace Paddon
Richard Kendrick Parsell
Earl Walter Phelan
Burnett Allen Reeves
William Henry Rometsch, jr.
Augustyn Rynalski
John Alan Schade
Harry Wilt Scureman
Caspar Shapiro
Warren Myron Sperry
Percival Hoag Staub
Sydney Kendall Steiner
Fenton Hendy Swezey
Sidney Monroe Teeter, jr.
Raymond Einnon Thomas
Hermann Frederick Vieweg
James Veghte Voorhees
Wilfred Weber
Hilton Gerard Wood

Hiram Belding Young

Bachelors of Law

Conferred February 9, 1921

Clayton Worth Cousens
Arthur Olsen

Conferred June 22, 1921

Henry Rusling Ashton
Bruno Voltaire Bitker
Edward Doak Boyce
Esther Rella Brause
Leslie Eadie Briggs
Harry Bruce Cahan
Rafael Maria Castro y Fernandez
Joseph Francis Clements
William Charles Combs
William Frederick Russell Davis
John Donald Dowd, A.B.
Henry Ewald, jr.
Alfred Lewis Finkelstein
Charles Garside
Clarence John Gorman
Roman Jacob Greil
Louis Kaiser
William Thompson Kerr
Jerry Russell Leonardo
Charles Warren Little
Alfred Jacob Loew
Ralph Alexander McClelland
John Henry McCooey, jr.
Archibald Warren Marshall
Andrew Richmond Martinez
Henry Lewis O'Brien, jr.
Alfred James Peer
Idella Hall Pforr
Nelson R. Pirnie
John Wallace Reavis
Louis Reck, jr.
Thomas Brown Rudd
Searles Gregory Shultz
Harold Eugene Simpson
Chester Bangs Smith
Adrian Lamoreaux Spencer
Charles John Tomic
David Louis Ullman, A.B.
Rosalie Ulrich
Theodore Edward Warren
Ezra Weinstein
Samuel Corbin Whitman, A.B.

Ward Wilklow

Bachelors of Science

Conferred September 30, 1920

Myron Barnett Bloy
Roscoe Wallace Briggs
Will Giles Crandall
Jacob Lyall Louis Frank
Ralph Hall
Donald Hoagland
Geoffrey Knight
Arthur John Masterman
Franklin Purdy Maynard
Jay Wixson Raplee
Javier Vanga Reyes
Marjorie Irene Roberts
James Reid Robinson
George Maurice Stauffer
Venia Laota Tarris
Robert Wesley White

Augustin Monroe Whittingham

Conferred February 9, 1921

Leonard Eugene Allen
Samuel Leinbach Althouse
Winifred Georgie Bailor
James Mackey Bard
John Benjamin Bennett
Theodore Bowman
Carl Christoph Chamberlain
Griffith Sappington Clark
Harold Leroy Creal
Harold Raymond Curran
Raymond Charles Dikeman
Ashton Cushing Fearing
Hugh Vincent Feehan
Miles William Fry
Eleanor Miller George
Harold Benedict Gifford
Alexander Gordon
Harold Clayton Grinnell
Ethel Hinckley Hausman
Nathan Henderson Hawley
Daniel Hemingway Heller
Edwin Lawrence Howard
Mardiros Hovhannes Ishkhanian
Burton Aaron Jennings
Mortimer William Kane
Don Hursh Kessler
Charles Arthur Lazo
David Victor Lumsden
Francis Joseph McAllister
John Phillip McClain
James Asher McConnell
Albert Marvin MacDonald
Earl Dewight Merrill
Joseph Allen Myers, jr.
Ralph Edwin Noble
George Curtis Porter
Solomon Alhadef Rhodes
Dexter Vosburgh Rivenburgh
Henry Frank Roenne
Philip Douglas Rupert
Harold Marshall Schmeck
Louis Carl Siegel
Elmer George Spencer
Whyland DeLos Sprong
Will Carleton Storrs
Charles Thomas Sweeney
Albert Edward Thomas
Alexander Bayard Thomson
Walter Dewitt Thompson, jr.
Luther Shirley West
Alfred Aloysius Whitehill
Alfred Mortimer Wolfson

Conferred June 22, 1921

Howard Seth Aldrich
Mildred Lois Aldrich
William Burnett Apgar
Aran Diran Babayan, B.S.
Helen Dorothy Baker
Daniel Sayre Beam
Arland Frederic Beardsley
Florence Gertrude Beck
Irving Louis Berman
William Royston Betts, jr.
Luella Ann Bolton
Lyman Ormsbee Bond
Julius Leo Briegel
Fannie Jean Bright
Lillian Fred Brotherhood
Theodore Talmadge Buckley, jr.
Henry Burr Button
Margaret G. Campbell
William Mains Cassin
Hempstead Castle
Arthur Lincoln Clark
Alden Colsten
John Edwin Connolly
Anna Mary Cooney
Elizabeth Terry Cooper
Frances Lee Corbett
Ina May Cornish
Miles Hugo Cubbon
Ernesto Cubillos
Deborah Provost Cummings
Carol Curtis
Dorothy Elizabeth Cushman
Ella Jeanette Day
Marion Dean
Helen DePue
John Leroy Dickinson, jr.
Hugh Nicholas Dietzen
Ferdinand Charles Frederick Dinge
Walter John Dockerill
Harry Joseph Donovan
Eugene Tolman Drake
Katherine Duddy
Norma Helen Dunham
James Lee Ensign
Jennie Grace Etzkowitz
Asher Ward Evans
Oliver Elmore Everett
Samuel Thomas Fisch
Albert William Force
Mulford David de Forest, A.B.
Agnes Fowler
Vartan Garabedian
Helen Mildred Giesler
Helen Hawley Glasier
Hilda Lee Goltz
DeWitt Clinton Gould
Albert Hopkins DeGraff
Russell Warren Gray
Irma May Greenawalt
Jeanne May Griffiths
Dorothy Frances Guernsey
Alfred McPherson Hays
Albert Haywood, jr.
Julius Hendel
Paul Anthony Herbert
Walter Frederick Herr
Alfred Sebastian Herzig
Caryl Blaine Hipson
William Frederick Holderman
William Carroll Hollis
Paul Strom Holst
Sydney Watson Hopkins
Clara Bower Howell
Lloyd Emmer Howland
Freeman Smith Howlett
Cheng Chin Hsiung
Fleta Winona Huff
Clarence Raymond Keeler
Daniel Francis Kinsman
John Swartout Kirkendall, jr.
Luther Clinton Kirkland
Charles Webster Knox
Herbert Krahe
Lawrence Carl Rubsam Krahe
Morris Kwit
John Frederick Lake
Archie Nelson Lawson
Alfred Cobaugh Lechler
Ruth Adeline Lee
Harold Miller Leinbach
Edwin William Charles Ludewig
Anna Upham McConaughy
James Cornelius McGahan
Marcus Aurelius McMaster
Lucy Mary Maltby
Helen Townsend Marsh
Herbert Francis Martin
Frances Iona Mathews
Raymond Benedict Mead, B.A.
John Donald Meikle

Richard Barner Mihalko
Mary Alida Miller
Walter Scott Miller
Mary Ives Morgan
Margaret Weir Morrow
Joseph Jacob Nahama
Ruth Newman
James Starr Nicholson
Carl Wilhelm Nordgren
Ruby May Odell
Willard Benjamin Otis
James Beckley Palmer
Caroline Marjorie Parbury
Schuyler Alden Perrine
Beatrice Thomas Perry
Leon Stanley Phelps
Ragnhild Christine Ramstad Poole
Gerald Lucius Preston
Ralph Jacob Quackenbush
Harry Rice
August William Rittershausen
Charles Chandler Ross
Milton Pettis Royce
Charles Benjamin Sabath
Craig Sandford
Floyd Cary Saunders
Robert Jesse Scammell
Marcia Farnham Schenck
Samuel Schwartz
Frank Bell Seale
Israel Shapiro
Leslie Mansfield Shepard
Walter Wesley Simonds
Wilbur Herbert Simonson
Bernard Smit
Eugene Russell Smith
Everdell Gillespie Smith
Grace Hilda Smith
Harriet Alison Smith
Sara Elizabeth Speer
Jennie Phillips Spencer
Marie Adelaide Stanbro
Joseph Sterling
Leonard Stock, jr.
Wilford Francis Stoughton
Eugene Bernard Sullivan
Thaddeus Szymoniak
Ralph Perrin Thompson
Curtis Hussey Turnbull
Gerald Ambrose Turner
Arthur Lemuel Tuttle, jr.
Frederick Reinhold Undritz
Robert Reese Usher
Lansing S. Vedder
Mercy Reed Walker
August Weber
Lilian Vaughan Westcott
Bertha Whitelaw
Francis Allen Wickes
James Bentley Wilson
Milo Follett Winchester
Joseph Alfred Witzel
Princess Mariam Wolf
Elizabeth Lucy Wolff
George Gottfried Wurzburger
Elsie Trail Yates
Gertrude Parker Young
Fanny Brice van Zandt
Irene Augusta Zapf

Doctors of Veterinary Medicine

Conferred February 9, 1921

James Michael DeLaney
James Weast Fuller
Carlton James Morgan

Conferred June 22, 1921

Maynard Luther Bryant
Loren Newell Dodge
Samuel Glenn
Wilbur Franklin Grant
Walter Jay Hall
Glenn Douglas Harmon
LeRoy Louis Herman, B.V.Sc.
Charles Stickney McCoy
Joseph Henry O'Leary
Arthur James Paddock
John Atkinson Rathbone
George Schwamm, jr.
Donald Fay Taylor

Bachelors of Architecture

Conferred September 30, 1920

Joseph Ellsworth Doan, jr.
Lincoln Norcott Hall

Conferred February 9, 1921

Frederick Robinson Steffens

Conferred June 22, 1921

Francis Louis Abreu
Harry Ralph Allen
Roger Bailey
Herbert George Banse
John Nixon Bullen
Paul Woodhall Drake
Clarence William Dunbar
Roger Eastman
Theodore Lincoln Eschweiler
William Henry Harrison
Edwin Laclede Howard
Egerton Kaye Hunter
Dorothy Franklin Levy
Donald McCormick
Roger Davis McPherson
Elliott Butler Mason
Frederick William Medlong
Humphrey Nolan
Robert LeRoy Siering
Harold Geiger Spielman
Milton Bode Steinman
Charles Morse Stotz
Verne Sturges Swan
Arthur August Weber
Tekisuke Yokogawa

Bachelor of Science in Architecture

Conferred June 22, 1921

George Ellis Quimby

Bachelor of Fine Arts

Conferred June 22, 1921

Rachael Elizabeth DeWolfe

Civil Engineers

Conferred September 30, 1920

Vincent Branner Lamoureux
Ben Luke Pond, B.S.
Charles Elwood Reese

Conferred February 9, 1921

William Angell Andrews
Margaret Arronet
Anastacio Francisco de Castro, A.B.
Donald Griswold Cockcroft
Paul Early Fitzpatrick
Maurice Edwin Gillett
John Blackstock Hawley, jr.
Harold Ingersoll Hettinger
Edward Leonard Maier
Edgar Wesley Neu
Salvador Quinones
Chen Long Tang
William Whetstone Wannamaker, jr., B.S.
Lawrence Raymond Wells

Conferred June 22, 1921

Earl Raymond Andrew
Justo Arrastia, A.B., B.S. in C.E.
Augustin Artigas, C.E.
Kevork Parsegh Bahjejian, B.S.
Samuel Dunlap Brady, jr.
Gustave Chirlian
Edwin Frank Chobot
Eiler Martin Christensen
Thad L. Collum
Garrett Elliott Conover
Cesar Cortina
Arthur Deagon, jr.
Damon Greenleaf Douglas
Edward Lowe Duffies
Arthur Fertel
Ralph Gray
Francis Kennedy Green
Frank William Gumboldt
Charles Edward Hermann
Trygve Waldemar Hoff
Robert Charles Kennedy
Morris Liebeskind
William Francis Madden
James Hart Curry Martens
Charles Emanuel John Modjeski
Herman Odessey
Virgil Samms Onstott
Vicente Parungao Pascual
Waldemar Polack
Roy Ernest Pratt
Joseph Raducziner
Francis Aloysius Regan, jr.
Marcus Sagal
Salvator John Scacciaferro
John Jacob Vogt Schaefer
Richardson Selee
Earl Jacob Sherk
Jeno Stern
Michael Gerald Sullivan
Charles Alfred Sundstrom, jr.
Wells Nash Thompson, B.S.
Norman Carl Wittwer
Manuel V. Zabat

Mechanical Engineers

Conferred September 30, 1920

John Franklin Brady, jr.
James Reed Carson
Ling Chu
Ralph Dayton Davis
George Paul Keogh

Conferred February 9, 1921

Peter Cherdantzeff
Cedric Willits Wood

Conferred June 22, 1921

Alfred Griffin Ashcroft
John Cowan Atwood, jr.
Eugene Stanley Ault, B.E.
Thomas Mueller Ball
John Robert Bangs, jr.
Daniel H. Beck
Charles Allen Beckwith
William Jotham Bemus
Robert Hadley Bennett
William Doah Bickel
William Hilbert Black, jr.
Edward Browning Blue
Basil Bobrovnichy
Henry Beitzel Brillinger
Alleyne Henry Bruckheimer, A.B.
Leon Buehler, jr.
Dale Bumstead, jr.
William Fraser Cassedy, jr.
Yu Han Chen, C.E.
Kan Yun Cheng, C.E.

Raynard Christianson
George William Clay, jr.
Thoburn Grant Cleaver
Richard Ilston Crisfield
Gerald Francis Cross
Benjamin Amos Cunningham, jr.
Robert Alden Cushman
Edgar Sterling Daugherty, B.E.
Rowland Fenner Davis
Robert Otis Davison
Carroll Heiney Deitrick
Floyd Cornelius Devenbeck
Irving Miller Elliott
William Douglas Ellis
Frank Orthwein Everts
Charles Crittenden Fairfax
George Henry Fiedler
Gustav Albert Fingado
Leonard Foote
Ralph Francis Freeman
Dean Hasbrouck Gallagher
Edward Reginald Griggs
Charles Philip Gross
Morgan Lewis Heath
Howard Betts Hengerer
Francis Piercy Hodgkinson
John Miller Hoerle
Hollis Elbridge Hogle, jr.
Harry Leonard Holstrom
Douglas Lannin Hooker
Stephen Byrd Horrell
Oswald Eugene Howe
George Andrew Jackson
Weston Morse Jenks
Hayward Kendall Kelley
Henry Hampton Kerr, jr.
Max Kevelson
James Fraser Kimball
Frank Carlton Kingsland
Richard Earl Lasher
Lawrence Morris Latz
Edward Howard Lewis
Cheng Fang Liu
Benjamin Northcutt Locke
Russell Paul Long
Henry Geyer McCullough
Delos Lyon McDonald
John Manderson McDonald, jr.
Francis Blakely McStocker
Amos Laverne Main
William Taber Mallery
Burton Cowles Mallory
James Kenneth Mawha
Clyde Mayer
Herman Arthur Metzger
Charles Wade Miller, B.S. in E.E.
Lewis Charles Miller
Paul Haring Minton
John Emery Minty
Robert Colburn Moffitt
Richard Muller
William Wallace Neale
Arthur Brazil Newby
Albert Raymond Nolin
Albert Edward Nugent
Spencer Truman Olin
Carl Fritiof Ostergren
Oscar Raynor Ostergren
Edmund Robert Paige, B.E.
Joseph Arvid Peterson, B.S. in M.E.
John Gilbert Plantinga
Richard Edgecombe Quaintance
Marie Reith
Leon C. Reyna
Wendell Foster Roberts
Fred Wilson Rombach
James Harry Scofield, B.S. in M.E.
Edgar John Selfreat
Bernard King Shaner
Rolfe Shellenberger, B.S. in M.E.
George Pestalozzi Simmen
Lawrence Victor Smith, A.B.
Edward Lawrence Solomon
Norman John Spindler
Gerald Standish
Arthur William Stewart
John Noble Strauss
Lo Chen Su, B.S.
Yun Hsiao Sun, B.S.
Sigurd Benedict Swanson
Henry Leary Taylor
Ralph Herman Teed
Herma Marie Trostler
Edgar Daye Upstill
Sherwood Vermilye
Alva Stone Walker
Nairne Forsyth Ward
George William Weis
Hyman Weisberg
William Miller Welch, 2nd.
Alvin Emil West
Andrew Mercer White
Frederick Voorhees Williamson
Edward Wilson
James Henry Winter
Albert Zuidema

Electrical Engineers

Conferred June 22, 1921

Robert Cady Burt
Robert Walter Crawford
Frank Earle Fairchild
Charles Stewart Fiske
Edward Croesett Gates
Alexander T. H. Grider
Wesley Tate Guest
Shao Ching Hsueh
Hyman Charles Levene
Benjamin F. Lewis
Lloyd Depew Lockwood
Eric Martyn Rickard
Edward Winthrop Taylor
Murray Weiss
Oswald Joseph Woeppel
Hsin Ping Wu, B.S.

ADVANCED DEGREES

Masters of Arts

Conferred September 30, 1920

Rose Alden, A.B.: English Literature; Comparative Literature; Thesis: The Tragedy of Revenge.
Ethel Louise Anderson, B.A.: Embryology and Histology; Pathology and Bacteriology. Thesis: The Development of the Pharyngeal Derivatives in the Calf: Bos Taurus.
Kate Bradley Beziat, A.B.: French; Spanish. Thesis: Social Problems in the Novels of Rene Bazin.
Evelyn Ida Fernald, A.B.: Plant Physiology; General Botany. Thesis: The Inhibition of Bud Development as Correlated with Osmotic Concentration of Sap.
Leo Gershoy, A.B.: French; European History. Thesis: Several Aspects of Renan's Political Thought.
Ernest Leopold Hettich, A.B.: American History; Ancient History. Thesis: A History of the Secretaryship of State.
Rufus Richard Humphrey, B.Ped., A.B.: Embryology and Histology; Zoology. Thesis: The Interstitial Cells of the Urodele Testis.
Louisa Edwina Keasbey, A.B.: Histology; Physiology. Thesis: On a New Form of Leucocyte, as Found in the Gastric Mucosa of the Sheep.
Helen Gardner Mank, A.B.: Entomology; Morphology. Thesis: A Contribution to the Knowledge of the Biology of Staphylinidae.
Lois Elizabeth Montgomery, A.B.: English Literature; English Language. Thesis: Matthew Arnold and the Christian Churches.

Conferred February 9, 1921

Foster Hendrickson Benjamin, B.S.: Systematic Entomology; Physical Geography. Thesis: A Study of the Noctuid Moths of the Genera Lampra, and Cryptocala.
Chia Lin Chen, B.A.: English; Oriental History. Thesis: Studies in the Chinese Drama.
Frank Colucci, A.B.: French; Spanish. Thesis: Jules Lemaitre and the Seventeenth Century.
Hugh Cecil Huckett, B.S.A.: Systematic Entomology; Zoology. Thesis: The Morphology of the Ovipositor of Certain Anthomyian Genera.
Prescott Winson Townsend, A.B.: Ancient History; Medieval History. Thesis: The Gordians—A Study of the Roman Empire from 238 to 244 A. D.
Ruth Gladys Williams, B.A.: Botany; Zoology. Thesis: The Anatomy and Morphology of Marsilea.

Conferred June 22, 1921.

Frances Almira Atwater, A.B.: Mathematics; Physical Chemistry. Thesis: Periodic Quadratic Transformations in the Plane.
Elsie Margaret Ferrand, A.B.: French Literature; French Philosophy. Thesis: Voltaire's Ideas on Peace and War.
French Leo Haynes, A.B.: English; Philosophy. Thesis: Shakespeare and the Troy Story.
Evelyn Margaret Caroline Hieber, A.B.: Physical Chemistry; Foods Chemistry. Thesis: Part I. The Liquefaction of Gelatin by Certain Salts. Part II. The Absorption of Arsenious Acid by Various Hydrous Metallic Oxides.
Marjorie Dayton Hitchcock, B.A.: Literary Criticism; Old English. Thesis: August Boeckh's Theory of Classic Fine Art.
Karl Clayton Hyde, A.B.: Botany; Zoology. Thesis: Preliminary Report on the Relationship between Macrophoma Tumefaciens,—Shear and its Host Populus Trichocarpa T and G.
Agnes Marie Kobuski, A.B.: English; Education. Thesis: Wordworth's Theory of Education.
Cora Rolfe Laubscher, A.B.: Latin; Greek. Thesis: Sidelights on Roman Life and Politics from Cicero's Letters of 51 and 50 B. C.
Leah Lazar [illegible]wensohn, A.B.: English Literature; Old English. Thesis: Shakespeares' Use of the Comic Element in his Tragedies.
Arnold Ernest Lundie, B.S. in Agr.: Economic Entomology; Zoology. Thesis: A Biological Study of Aphelinus Mali Hald, with a view to its establishment in South Africa as a check on the Woolly Aphis (Eriosoma Lanigera Hausm).
Frances Erminia Napier, B.A.: Literary Criticism; Philosophy. Thesis: Shakespeare's Dramatic Use of the Abnormal and Supernatural in his Tragedies.
Margaret Roosevelt Nysewander, A.B.: History of Philosophy; Ethics. Thesis: Plato's Theory of the State.
Dorrice Anwyl Richards, A.B.: English Literature; Philosophy. Thesis: A Study of Wordsworth's Political Ideas.
Harold Robert Smart, B.S.: Logic and Metaphysics; Ethics. Thesis: A Philosophical Consideration of the Theory of Relativity.
Henry Richey Smith, A.B.: Philosophy; English. Thesis: The Common Spirit in the Dialogues of Plato.
Colston Estey Warne, A.B.: Accounting and Finance; Economic Theory. Thesis: Enforced Par Remittance by the Federal Reserve System.
Carl Louis Wilson, A.B.: Botany; Plant Pathology. Thesis: Lignification of Mature Phloem in Herbaceous Types.
Cornelia Pauline Hedwig Zeller, A.B.: German Literature; French Literature. Thesis: The Genoveva Legend in the German Drama.

Masters of Science

Conferred September 30, 1920

James William Benner, D.V.M.: Bacteriology; Serumtherapy. Thesis: Investigations of Infections Causing Pneumonia in Swine with Special Reference to Swine Plague.
Harry S. Gabriel, B.S.: Rural Education; Rural Organization. Thesis: A Study of the Extent to which the Knowledge and Skill Acquired in Secondary Vocational Agriculture Function.
Alice Lovina Kibbe, A.B., M.A.: Plant Physiology; Zoology. Thesis: Effect of Water Content of Soils on Relative Root and Top Growth of Plants.
Agnes Alberta Lawrence, B.S.: Bacteriology; Rural Education. Thesis: Some Bacteria Found in Spoiled Commercial Canned Goods.
Henry Woodhouse Valentine, B.S.: Hydraulics; Applied Electricity. Thesis: Venturi Meter Action with very Low Flows.

Conferred February 9, 1921

John Levenus Buys, B.S.: Systematic Entomology; General Zoology. Thesis: Gonapohyses of Some Male Cicadellidae.
Thomas Ignatius Matthews, B.S.E.E.: Electrical Engineering; Heat-Power Engineering. Thesis: Rates and Rate Making for Electric Utilities.

Conferred June 22, 1921

George Wilbert Barr, B.S. in Agr.: Rural Education; Agricultural Economics. Thesis: The Teaching Content in Regard to Crops in Morgan County, Colorado.
Carlos Eugenio Chardon, B.S.: Mycology; Botany. Thesis: A Contribution to our Knowledge of the Pyrenomycetes of Porto Rico.
Kwan Shun Chen, B.S.: Industrial Chemistry; Industrial Organization. Thesis: The Effect of Vandium Driers on the Rate of Oxidation of Linseed Oil.
Paul Valentine Horn, B.S.: Rural Economy; Farm Management. Thesis: Some of the Factors Influencing the Spreads in Prices between Retail Cuts of Meat.
Joseph Dandridge Logan, A.B.: Pomology; Plant Pathology. Thesis: Orchard Practices Conducive to Annual Bearing of Apple Trees.
Alton LeFevre Markley, B.S.: Agricultural Chemistry; Industrial Chemistry. . .Thesis: The Detection of Lipase in Milk.
Richmond Maury, B.S.: Animal Husbandry; Farm Management. Thesis: Forage Crops for Pork Production.
Harold Arthur Pratt, B.S.: Floriculture; Landscape Art. Thesis: A Study of Cost Accounting and a Proposed Greenhouse Cost System.
Walter Van Price, B.S.: Dairy Industry; Chemistry. Thesis: Effect of Neutralization of Cream for Buttermaking upon Some of the Butter Constants.
Donald De Cou Smythe, B.S.: Economic Geology; Mineralogy and Petrography. Thesis: The Iron Ore Deposits of Iron Mountain, Socorro County, New Mexico.
Lawton Terry Stevens, B.S.M.E.: Structural Engineering; Industrial Engineering. Thesis: The Investigation of Concrete Factory Buildings.
Anastasio L. Teodoro, B.Agr.: Rural Engineering; Power Engineering. Thesis: A Prospective Course of Rural Engineering for the University of the Philippines.
Marcos Tubangui, D.V.M.: Materia Medica; Comparative Pathology. Thesis: Hexamethylenamine: A Brief Review and its Therapeutic Efficiency in Veterinary Medicine.
Horatio Luther Van Volkenberg, D.V.M., B.S. in Agr.: Comparative Pathology; Materia Medica. Thesis: Calcification of the Ligamentium Nuchae.

Masters of Science in Agriculture

Conferred September 30, 1920

Charles Evans Cormany, B.S. in Agr.: Farm Crops; Rural Education. Thesis: A Study of the Varieties of Barley and Barley-Oats Mixtures Grown in Central New York.
Chen Ken Hsu, B.S.A.: Plant Breeding; Pomology. Thesis: Result of a Cross between Triticum Compactum and Triticum Spelta.

Conferred February 9, 1921

Charles Gagne, B.A., L.B.: Rural Economy; Farm Management. Thesis: Co-operation in French Agriculture.
Guy Alfred Peterson, B.S.: Farm Management; Economics. Thesis: Land Tenure and Farm Leases in the United States.

Conferred June 22, 1921

Raymond William Bell, B.S. in Agr.: Dairy Industry; Organic Chemistry. Thesis: Milk Acidity and the Minimum Amount of Real Acidity Detectable by the Alcohol Test.
Alfred Topham, B.S.: Poultry Husbandry; Rural Economy. Thesis: Foreign Trade in Eggs and its Effect upon Domestic Market Conditions.
John Leslie Tennant, B.S.A.: Rural Education; Rural Economy. Thesis: Some Educational Problems of the County Agricultural Agent in New York.
Gustave Toupin, B.A., B.S.A: Animal Husbandry; Farm Management. Thesis: The Relation of the Vitamine Content of the Feed to the Vitamine Content of the Milk Produced by Dairy Cows.
Carl George Vinson, B.S. in Agr.: Pomology; Plant Physiology. Thesis: Wayne County Apple Orchard Survey, 1919.

Masters of Landscape Design

Conferred September 30, 1920

Ralph Esty Griswold, B.S.: Landscape Design; Plant Material. Thesis: The Cedars—A Country Estate on Cayuga Lake.

Conferred June 22, 1921

Paul Takuma Tonow, M.Agr.: Landscape Design; Plant Materials. Thesis: Tokiwa Park.

Masters in Forestry

Conferred February 9, 1921

Charles Watson Ten Eick, B.S.: Forest Administration; Forest Utilization. Thesis: A Plan of Forest Administration for Pennsylvania.

Conferred June 22, 1921

Bryant Depew Dain, B.S.: Silviculture; Plant Physiology. Thesis: Seed Production of White Pine (Pinus Strobus Linn) in the Vicinity of Ithaca.

Frank Lee Dumond, B.S.: Forest Administration; Forest Protection. Thesis: A Plan of Forest Administration in New York State.

Frederic Brettell Merrill, B.S.: Silviculture; Forest Engineering. Thesis: Growth and Development of Forest Plantations in New York State.

Henry Vettel, B.S.: Forest Utilization; Silviculture. Thesis: The Location, Supply and Management of the Chief Pulpwood Species in the United States.

Robert Morris Volkert, B.S.: Botany; Silviculture. Thesis: The Anatomy of Some Tropical Lightwoods.

Master of Architecture

Conferred June 22, 1921

George Fraser, B.S.Arch., Architectural Design; Drawing and Painting. Thesis: A Hall of Fame for a University.

Masters of Civil Engineering

Conferred February 9, 1921

Cheh Hsi Chang, C.E.: Railroad Engineering; Bridge Engineering. Thesis: A Study of Railway Signaling Systems.

Conferred June 22, 1921

Yiieh Ting Chu, B.S.C.E.: Bridge Engineering; Railroad Engineering. Thesis: An Investigation of the Details of Concrete Building Design.

Tang King, B.S.C.E.: Bridge Engineering; Railroad Engineering. Thesis: An Investigation of Concrete Building Design.

Chu Hung Pan, B.S.C.E.: Railroad Engineering; Hydraulic Engineering. Thesis: The Design of Railroad Yards and Terminals.

Hsi Chen Wang, B.S.C.E.: Railroad Engineering; Hydraulic Engineering. Thesis: A Study of Train Movements and their Control.

Choong Wai Woo, B.S.C.E.: Bridge Engineering; Railroad Engineering. Thesis: A Study of the Deflections of a Spandrel-Braced Arch of the Combination Type.

Tsung Kuei Yu, B.S.C.E.: Bridge Engineering; Railroad Engineering. Thesis: An Investigation of the Various Types of Reinforced Concrete Building Design.

Masters of Mechanical Engineering

Conferred September 30, 1920.

Constantine Prodromos Yagloglou, B.S.M.E.: Experimental Engineering; Engineering Design. Thesis: Investigation on Mechanical Efficiency of High Speed Gasoline Engines.

Conferred June 22, 1921

Takashi Kawamata, B.S.: Electrical Engineering; Mechanical Engineering. Thesis: Design of Induction Motors with Squirrel Cage Motor.

Archer Olin Leech, B.S. in M.E.: Economics of Power Production; Power Plant Design. Thesis: Economics of Power Production in the Pacific Northwest.

Chia Yuan Yeh, B.S.: Electrical Engineering; Railroad Engineering. Thesis: Electric Railway System and Harbor Power for the City of Canton, China.

Doctors of Philosophy

Conferred September 30, 1920

Charles Loring Allen, A.B., M.S. in Agr.: Animal Husbandry; Farm Management; Animal Nutrition and Biochemistry. Thesis: The Effect of the Age of Sire and Dam on the Quality of the Offspring in Dairy Cows.

James Marshall Brannon, B.A., A.M.: Plant Physiology; Botany; Biological Chemistry. Thesis: The Influence of Certain Sugars on Plants with Particular Reference to Dextrose and Levulose.

Lois Oliphant Gibbons, A.B., M.A.: Medieval History; English History; German Literature. Thesis: Some Rhenish Foes of Credulity and Cruelty (1620-1640): A Chapter in the History of the Torture.

Clement Tyson Goode, A.B., A.M.: English Poetry; Middle English; Elizabethan Literature. Thesis: Byron as Critic.

Guy Everett Grantham, A.B., A.M., Experimental Physics; Theoretical Physics; Alternating Currents. Thesis: A Study of Some Infra-Red Absorption Spectra.

Axel Ferdinand Gustafson, B.S., M.S.: Soil Technology; Physical Chemistry; Physical Geography and Economic Geology. Thesis: The Effect of Drying Soils on the Water-Soluble Constituents.

Raymond Preston Hawes, A.B., A.M.: Logic and Metaphysics; Ethics; Education. Thesis: The Logic of Contemporary English Realism.

Howard Campbell Jackson, B.S., M.S. in Agr.: Dairy Industry; Dairy Bacteriology; Organic Chemistry. Thesis: Neutralization of Cream for Buttermaking.

Louise Kelley, B.A., M.A.: Organic Chemistry; Analytical Chemistry; Chemical Microscopy. Thesis: P-Hydroxybenzoyl-o-Benzoic Acid and Some of its Derivatives.

Harry Hazelton Knight, Pd.B., B.S.: Economic Entomology; Insect Ecology; Limnology. Thesis: Studies on insects Affecting the Fruit of the Apple with Particular Reference to the Characteristics of the Resulting Scars.

John Stephens Latta, B.A.: Histology; Comparate Vertebrate Anatomy; Entomology. Thesis: The Histogenesis of Dense Lymphatic Tissue of the Intestine (Lepus): A Contribution to the Knowledge of the Development of Lymphatic Tissue and Blood-Cell Formation.

William Moore, A.B.: Economic Entomology; Entomology (Morphology); Systematic Botany. Thesis: The Spreading and Adherence of Arsenical Sprays.

Helen Elizabeth Murphy, B.S.: Limnology; Medical Entomology; Comparative Pathology and Bacteriology. Thesis: The Metamorphosis of May-Fly (Ephemerine) Mouth-Parts.

Clarence Vernon Noble, B.S.: Farm Management; Economics; Animal Husbandry. Thesis: The Cost of Living in a Small Factory Town.

Harry Ashton Phillips, A.B., B.S. in Ed., A.M.: Pomology; Rural Education; Meteorology. Thesis: Effect of Climatic Conditions on Fruit Trees in Relation to the Blooming and the Ripening Dates.

Conferred February 9, 1921

Hazel Elizabeth Branch, A.B., A.M.: Insect Morphology; Ecology of Insects; Zoology. Thesis: A Contribution to the Knowledge of the Internal Anatomy of Trichopters.

Archibald Mortimer Erskine, B.Chem.: Inorganic Chemistry; Physical Chemistry; Organic Chemistry. Thesis: A Quantitative Study of the Reaction between Hydrazine and Hydrogen Peroxide.

Stuart Deming Jackson, A.B.: Organic Chemistry; Analytical Chemistry; Physical Chemistry. Thesis: Orthocresolsulphonphthalein and some of its Derivatives.

Mortimer Demarest Leonard, B.S.: Systematic Entomology; Economic Entomology; Plant Pathology. Thesis: A Revision of the Dipterous Family Rhagionidae (Leptidae) in the United States and Canada.

John Thomas Lloyd, A.B.: Limnology; Entomology; Vertebrate Zoology. Thesis: The Biology of North American Caddis-Worms.

Alexander McTaggart, B.S.A., M.S. in Agr.: Soil Technology; Physical Geography; Farm Crops. Thesis: The Influence of Certain Fertilizer Salts on the Growth and Nitrogen Content of Some Legumes.

John Graham Thompson, B.Chem.: Physical Chemistry; Analytical Chemistry; Sanitary Chemistry. Thesis: The Removal of Silicon from Zirkite Ore in the Electric Furnace.

Conferred June 22, 1921

Marion Elizabeth Blake, A.B., A.M.: Latin; Greek; Greek Archaeology. Thesis: A Laboratory Manual for the Study of Pre-Euclidean Attic Inscriptions.

Aaron Bodansky, B.S.: Biochemistry; Physiology; Pathology. Thesis: Enzyme Studies on Solanum Elaeagnifolium.

Sarkis Boshnakian, B.S. in Agr., M.S. in Agr.: Plant Breeding; Plant Physiology; Floriculture. Thesis: The Genetics of Squareheadedness and of Density and the Relations of these to other Characters in Wheat.

Harry Caplan, A.B., A.M.: Latin; Greek; Archaeology. Thesis: The History of the Jews in the Roman Province of Africa: A Collection of the Sources.

Charles Milton Carpenter, D.V.M., M.S.: Veterinary Bacteriology; Physiology; Obstetrics. Thesis: The Bacteriology of the Female Reproductive Organs of Cattle and its Relation to the Diseases of Calves.

Jacob Roland Collins, B.S., M.S.: Experimental Physics; Alternating Currents; Mathematics. Thesis: The Influence of Certain Dissolved Substances on the Infra-Red Absorption of Water.

Helen Margaret Conner, A.B., A.M.: Latin; Elizabethan Literature; Old English. Thesis: A Study of the Syntax of the Strategemata of Frontinus.

John Detweiler Detwiler, B.A., M.A.: Economic Entomology; Morphological Entomology; Zoology. Thesis: The Biology of Three Little Known Clover Insects.

Frederic Ebell Fiske, A.B.: Elizabethan Literature; Philosophy; 19th Century Poetry. Thesis: John Marston's Satires, Edited with an Introduction and Notes.

Dean Gamble, B.S.: Comparative Anatomy; Ornithology; Histology. Thesis: The Morphology of the Ribs and Transverse Processes in Nocturus Maculatus.

Marjorie Stillman Harris, B.A.: Logic and Metaphysics; Ethics; Education. Thesis: The Positive Philosophy of Auguste Comte.

Archie Bernhard Heel, B.A.: Physical Chemistry; Quantitative Chemistry; Geology. Thesis: A Study of the Edison Storage Cell.

Lewis Richard Koller, A.B.: Experimental Physics; Alternating Currents; Physical Chemistry. Thesis: Some Factors Affecting the Resistance of Sputtered Platinum Films.

Nee Sun Koo, B.S.C.E., M.C.E.: Bridge Engineering; Railroad Engineering; Engineering Mechanics. Thesis: An Investigation of the One-Hinged Steel Arch and its Comparison with Other Types.

Rowland Willis Leiby, B.S.: Insect Morphology; Economic Entomology; Insect Biology. Thesis: The Polyembryonic Development of Copidosoma Gelechiae with Notes on its Biology.

Glenn Raymond Morrow, B.A., M.A.: Logic and Metaphysics; Ethics; Economics. Thesis: The Ethical and Economic Theories of Adam Smith.

Harrison August Ruehe, B.S., M.S.: Dairy Industry; Bacteriology; Agricultural Chemistry. Thesis: A Study of the Effect of the Process of Manufacture upon the Germ Content of Bulk Condensed Milk.

Thomas Wyatt Turner, A.B.: Plant Physiology; Pomology; Plant Pathology. Thesis: Studies as to the Mechanism of the Physiological Effects of Certain Mineral Salts in Altering the Ratio of Top Growth to Root Growth in Seed Plants.

Anna Kellman Whitchurch, A.B., M.A.: Psychology; Education; Elizabethan English. Thesis: The Illusory Perception of Movement on the Skin.

Irl Goldwin Whitchurch, A.B., M.A., B.D.: Logic and Metaphysics; Ethics; Greek Philosophy. Thesis: The Philosophical Bases of Ascetism in the Writings of Plato and in the Pre-Platonic Tradition.

William Alonzo Whiting, B.S.: Dairy Bacteriology; Organic Chemistry; Biochemistry. Thesis: A Study of the Possible Relationship Existing Between the Grouping of Bacteria in Market Milk and the Utensil Flora.

Thomas Kennerly Wolfe, B.S., M.S.: Plant Breeding; Plant Physiology; Soils. Thesis: A Biometrical Study of Characters in Maize.

Doctors of Medicine

Conferred June 9, 1921, at the Twenty-Third Annual Commencement of the Medical College in New York City

Horace Strow Baldwin, B.S.
George Frederick Bock, A.B.
Harold Elmer Bogart, A.B.
Lemuel Goldstein Caro, A.B.
John Russell Carty, B.S.
William S. Collens, B.S.
Nelson Warren Cornell, A.B.
Madeline Fries, A.B.
Elizabeth Mills Fulton, A.B.
Wayne Willard Hall, B.S.
Frank Charles Henry, jr., A.B.
George Foster Herben, B.S.
Israel Kenneth Hoffman, B.S.
Harriet Hosmer, A.B.
Godel I. Hunter, B.S.
Pasquale Joseph Imperato, jr., B.S.
Charles Kaufman, B.S.
Dwight Rufus Knapp, A.B.
John Robert Andrew Lang, jr., A.B.
Solomon Sydney Lichtman, A.B.
Robert Osias Loebel, A.B.
Santos Bellini Lucent, B.S.
Max Bernard Lurie, A.B.
Robert Bush McGraw, A.B.
*Arthur Matthews Master, B.S.
Kingsley Darwin Maynard, A.B.
Henry Gray Morris, A.B.
Leighton Payson Rand, A.B.
*Joseph Rosenblum, B.S.
Adelaide Helen Ross, A.B.
Paul Farr Russell, A.B.
Ralph William Schaeffer, B.S.
Irving Schwartz, B.S.
*Samson Abraham Seley, A.B.
Lewis Julian Silvers, B.S.
Walter Fox Smith, A.B.
Katherine Douglas Speiden, A.B.
Robert George Stewart, B.S.
*William Malcolm Stobbs, A.B.
*Henry Bruner Sutton, A.B.
Curtis Carver Tripp, A.B.
David Warshaw, A.B.
*Hyla Stowell Watters, A.B.
Harry Weaver, A.B.
Edward Theodore Wilkes, A.B.
Paul Truitt Willis, A.B.

WAR ALUMNI

Conferred February 9, 1921

(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.)

George Maurice Abbott
William Allen Adriance, jr.
James Harold Bishop
John Richards Boyle, 2d.
Harold Judd Bradley
Lawrence George Brower
Bernard John Ross Carples
Albert Irvin Cassell
Maynard Sackett Clement
John Kennard Conant
William Anthony Culkin
John Weeks Cunningham
Victor Reginald Daly
John Luther Dole
Herbert Carlton Drescher
George William Dunn
Alan Louis Eggers
Charles Ennis
Lester Harvey Fackiner
Frank Chester Felix
Finley Erskine Forbes
Morris Gotsdanker
Joseph Granovetter
Walter Sherman Hayes
John Davison Hill Hoyt
Waldron Wells Hubbard
Robert Edward Jennings
Bruce Johnson

*Honor Roll

Charles Ewen Johnson
Henry Ware Jones, jr.
Walter Winston Krebs
John Evans Laird
Percival Alexander McCandless
Daniel Chauncey McCoy
Robert Emerson MacKenzie
Ross Linzy Milliman
Philip Dudley Mosser
Loyall Allen Osborne, jr.
Abram Scott Pearce
Cecil William Reed
Robert Emmett Ryerson
Samuel Sabel
Carl Schafer
Walter Harold Soderholm
Frederick Gwinner Stroop
Frederick Totten Sutton
Hugh Lincoln Thompson
Edward Winship Tibbott
Kirkland Wiley Todd
Herman Bregy Van Cleve
Clyde Arlington Warne
Ralph Sutherland Westing
Albert Gifford Wigglesworth
Ernest Arthur Williams

Conferred June 22, 1921

Arthur McKinley Aldridge
Edgar Schuyler Banghart
Joseph Sydney Barr
Stuart Chadwick
Melvin Abbott Conant
Earl Stewart DeWitt
Julius Augustus Fay
Albert Goldey Fuller
Harry Goldberg
Paul Heine, jr.
Rayburn Weeks Hemphill
Horace Holly Hendrick
William Murray Leffingwell
Nathan Griswold Levien
George Smith Long, jr.
Geoffrey Edward Maclay
Richard Peck Matthiessen
William Girvan Milligan
Snyder Charles Rappleye
Barclay Kerr Read
William Bristol Shelton
John Sylvester Spaulding
Richard Holt Swinton
Arthur Rudolph Tinnerholm
Alan Dean Warner
Warren Swift Weiant, jr.
Royal Blaine Woodelton

OFFICERS U. S. ARMY RESERVE CORPS

Second Lieutenants

(The Commission as 2nd 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 3, 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

Alfred Griffin Ashcroft
Frederick Keating Beutel
Paul Gamber Culley
Miles William Fry
Clarence John Gorman
Charles Webster Knox
Ralph Harry Smith

Field Artillery

John Latham Benham
Robert Alden Cushman
Edward Lowe Duffies
Earl Walter Phelan
Walter Barton Townsend
Ray Everett Venman
Hermann Frederick Vieweg

Ordnance Corps

Charles Allan Beckwith
Richard Ilston Crisfield
Carroll Heiney Deitrick
Floyd Cornelius Devenbeck
Edward Reginald Griggs
Howard Betts Hengerer
Edward Howard Lewis
Benjamin F. Lewis
James Kenneth Mawha
Albert Raymond Nolin
Joseph Arvid Peterson
Leon C. Reyna

Signal Corps

Rowland Fenner Davis
Wesley Tate Guest
Hyman Charles Levene
Russell Paul Long
Eric Martyn Rickard
Sherwood Vermilye
Murray Weiss

Veterinary Corps

Maynard Luther Bryant
Samuel Glenn
Walter Jay Hall
Arthur James Paddock
Donald Fay Tayler

ROLL OF HONOR

Class of 1921

The following members of the class of 1921 lost their lives in the War:

JOSEPH ALBERT BETTENHAUSEN
FRANK WYCKOFF MCCULLOUGH
RICHARD THOMAS CASSIDY MARTIN
CHARLES ROUSE
ALVIN WILLIAM SPLANE
JOHN FRANCIS TIERNEY, JR.

PRIZES

The following were awarded by the Faculties during the academic year 1920-1921:

The Woodford Prize in Oratory — **Irma May Greenawalt**

The Horace K. White Prizes:
- **First Prize** — **Arthur James Paddock**
- **Second Prize** — **Walter Jay Hall**

The Sibley Prizes in Mechanic Arts:
- **First Prize** — **Ernest Lathrop Thearle**
- **Second Prize** — **Robert William Anderson**
- **Third Prize** — **Kuo Pao Pao**
- **Fourth Prize** — **Walter William Werring**
- **Fifth Prize** — **Herman Arthur Metzger**

The Eighty-Six Memorial Prize in Declamation — **James Aloysius Smyth**

The Barnes Shakespeare Prize — **Laura Keane Zametkin**

The Boardman Senior Prize Scholarship — **John Wallace Reavis**

The Fuertes Medals:
- **Graduate** — **Thomson Eason Mao**
- **Undergraduate** — **Lawrence Raymond Wells**

The Ninety-Four Memorial Prize in Debate — **Ralph Harry Smith**

The Charles Goodwin Sands Memorial Medals in Architecture
- **First Medal** — **Kenneth Carver**
- " " — **Milton Bode Steinman**
- " " — **Charles Morse Stotz**
- " " — **Tokisuke Yokogawa**
- **Second Medal** — **George Fraser**
- " " — **William Henry Harrison**
- " " — **Egerton Kaye Hunter**
- " " — **Elliot Butler Mason**
- " " — **Humphrey Nolan**
- " " — **Verne Sturges Swan**
- " " — **Tokisuke Yokogawa**

The Clifton Beckwith Brown Memorial Medals:
- **Second Medal** — **Charles Morse Stotz**

The John Metcalfe Polk Prizes:
- **First Prize** — **Henry Bruner Sutton**
- **Second Prize** — **Hyla Stowell Watters**
- **Third Prize** — **Arthur Matthews Master**

The Corson Browning Prize — **Harold William Blodgett**

The Guilford Essay Prize — **John Matthew Maloney**

The Luana L. Messenger Memorial Prize — **Louis Reichenthal Gottschalk**

The Sherman-Bennett Prize — **Hyman Solovay**

The Whiting Prizes:
- **First Prize** — **Leighton Payson Rand**
- **Second Prize** — **Hyla Stowell Watters**

The Frances Sampson Fine Arts Prize — **Ruth Seymour**

The James T. Morrison Prize — **Dale Raymond Mitchell**

The Eastman Prizes for Public Speaking:
- **First Prize** — **David Seaver Cook**
- **Second Prize** — **Edmond Adrian Perregaux**

The Hollingworth Honorarium — **Samuel Glenn**

The Early English Text Society Prizes — **Frederick Henry Lape**, **Marion Elfrieda Von Beck**

The Fraser Senior Prize Scholarships:
First Prize ..... **Ralph Alexander McClelland**
Second Prize ..... **John Henry McCooey, jr.**

The Jane Miller Prizes:
First Prize ..... **Otto Ruehle, jr.**
Second Prize ..... **Roswell Miller Monroe**

The James Gordon Bennett Prize ..... **John Atkinson Rathbone**

The Fuertes Memorial Prizes in Public Speaking:
First Prize ..... **Louis Rounseville Chapman**
Second Prize ..... **Charles Morse Stotz**
Third Prize ..... **Carl Fritiof Ostergren**

The Graduate Prize in Philosophy ..... **Harold Robert Smart**

The George Chapman Caldwell Prize ..... **Herman Frederick Vieweg**

The Ring Memorial Prizes:
First Prize ..... **Clifford Martin Buck**
Second Prize ..... **Earl Allison Prentiss**

The Stewart Prizes:
First Prize ..... **Charles Webster Knox**
Second Prize ..... **Darwin Adams Ward**
Third Prize ..... **Darwin Covert Smith**
Fourth Prize ..... **Edward James Lawless, jr.**

The J. G. White Prizes in Spanish:
For excellence in Spanish ..... **Louis Jerome Reed**
Donald Sims Rickard
For excellence in English ..... **Raoul Faust Cowley**

The Student Medal of the American Institute of Architects:
Elliott Butler Mason

The Charles Lee Crandall Prizes:
Second Prize ..... **Salvator John Scaccia ferro**

The Goethe Prize ..... **William Holderman**

The Alumni Prize for Scholarship:
For 1919-1920 ..... **Frederick Reinhold Undritz**
For 1920-1921 ..... **Hempstead Castle**

The William M. Polk Memorial Prizes:
First Prize ..... **Samson Abraham Seley**
Second Prize ..... **Paul Farr Russell**
Third Prize ..... **Katherine Douglas Speiden**

The Sharples Prize Scholarship ..... **Hazel Adelia Dates**

The Juliette MacMonnies Courant Prize ..... **Eleanor Margaret Foote**

STUDENTS, 1920-1921

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; Civil Engineering, C; Mechanical Engineering, M; Electrical Engineering, E; Medical, MD; Veterinary, V. Graduate Students are indicated by Grad; Special Students by Sp. The number, e. g. "1921 " "1922 " etc., indicates the year of expected graduation.

Abel, Henri Ernest, A.B.	1924 MD (N.Y.C.)	Elizabeth, N. J.
Abel, Howard Bernal	1923 M	Brooklyn
Abeloff, George	1923 A	Brooklyn
Aber, F. Ward	1924 Ag	Hammondsport
Aber, Floyd Jay	1922 Ag	Ithaca
Abramowitz, Joseph	1923 A	Brooklyn
Abramson, Reba	1923 A	Philadelphia, Pa.
Abreu, Francis Louis	1921 Ar	Newburgh
Acheson, Howard Archibald	1923 M	New York City
Acker, George Haigh	1922 M	Rochester
Acker, Joseph	1924 A	Poughkeepsie
Ackerknecht, Edwin William	1922 A (Chem)	Johnstown
Ackerly, Robert Saunders	1922 A	Cuba
Ackerson, Henry Ward, jr.	1924 A	Brightwaters
Ackles, Hoyt Samuel	1923 Ag	Marietta
Adams, Alfred Eugene	1924 M	Ridgewood, N. J.
Adams, Avalon Grant	1923 A	Newark, N. J.
Adams, Burke Dowling	1923 M	Omaha, Nebr.
Adams, Dorothy Elizabeth	1924 Ag	Middletown
Adams, George Oliver	1923 Ag	Buffalo
Adams, Gladys Aurelia	1924 Ag	North Norwich
Adams, Grace Kinckle, A.B.	Grad	Lynchburg, Va.
Adams, James Richard	1921 A (Chem)	Utica
Adams, John Davry	1922 A	North Troy
Adams, Lela Sophia	1924 A	Ithaca
Adams, Ralph Roy	1922 A (Chem)	Salamanca
Addonizio, Galliano	1923 A	Newark, N. J.
Adelmann, Howard Bernhardt, A.B.	Grad	Buffalo
Adelsberg, Hyman	1921 A	Brooklyn
Adelson, Sadye Frances	1924 Ag	New York City
Adler, Charles Henry	1924 C	Lansdowne, Pa.
Adler, Leo	1923 M	New York City
Adlerblum, Cullen, B.A.	1923 MD (N.Y.C.)	New York City
Aeschbach, Margaret Carolyn	1924 A	Mancos, Colo.
Aeschbach, Mildred Wilhelmina	1922 A	Hoboken, N. J.
Agman, Alice	1924 A	New York City
Aiken, Dorothy Louise	1922 Ag	Geneseo
Aiken, Hugh Kerr, jr., B.S.	Grad	Laurens, S. C.
Aikins, John Roberts	1921 M	Buena Vista, Pa.
Aird, Alexander Neilson	1925 M	White Plains
Alberding, Charles Howard	1923 M	Clayville
Alberga, Glenn Harcourt	1924 E	Brooklyn
Albertson, Nicholas Arthur	1924 C	Atlantic City, N. J.
Albin, Archer Overton	1922 M	Lynbrook
Alcombe, Eric Adolphus	1924 Ar	Perry
Alcus, Felix Leiser, M.E.	Grad	New Orleans, La.
Alcus, Henry, jr.	1924 C	New Orleans, La.
Aldrich, Howard Seth	1921 Ag	Fredonia
Aldrich, Leon Corey	1923 M	Norwich
Aldrich, Mildred Lois	1921 Ag	Castile
Aldrich, Robert Frayer	1923 A	Addison
Aldridge, Arthur McKinley	1922 M	Victor
Alford, Anne Nash, B.L., B.A.	Grad	Latta, S. C.
Algeo, Elisabeth Widmayer	1923 A	Lansdale, Pa.
Allanson, Roy Adolph	1923 Ag	Ithaca
Allen, Carl H.	1924 M	Laquin, Pa.
Allen, Donald Felton	1924 C	Norwalk, Ohio
Allen, Franklin Hendry	1923 Ar	Cleveland, Ohio
Allen, Helen Jeanette, A.B.	Grad MD (N.Y.C.)	Cincinnati, Ohio
Allen, Laura Catherine	1924 Ag	Clyde
Allen, Leonard Eugene	1921 Ag	Rochester
Allen, Philip Elsworth	1923 A	Pittsburgh, Pa.
Allen, Reece De Course	1923 A	Wichita Falls, Texas
Allen, Rembert Gary, B.S. in Arch.	1922 Ar	Washington, D. C.
Allen, Ruth Ellen	1922 A	Dayton, Ohio
Allen, William McKinley	1923 C	Perth Amboy, N. J.

Allison, Dorothy Wilson	1925 C	Brookline, Pa.
Almy, Henry Calhoun	1922 A	Auburn
Almy, Willis Eugene	1925 Ag	Auburn
Alpert, Augusta	1923 Ag	New York City
Alter, Louise Ethel	1924 Ag	Washington, D. C.
Althouse, Samuel Leinbach	1921 Ag	Sellersville, Pa.
Altschuler, William	1922 M	New York City
Alzamora, Fernando Juan	1924 Ag	New York City
Amreich, Louis Saul	1922 C	Brooklyn
Amson, Irving	1924 E	New York City
Anderson, Duncan Ross	1923 M	Rome
Anderson, Earl Edwin	1925 E	Saugerties
Anderson, Elizabeth Armstrong	1924 A	Peekskill
Anderson, Francis Willard	1924 A (Chem)	Passaic, N. J.
Anderson, George, jr.	1924 Ag	Scranton, Pa.
Anderson, Herbert Charles	1922 M	Chicago, Ill.
Anderson, John Morrissey Paul	1924 A	Bridgeport, Conn.
Anderson, John O'Hara	1924 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.
Anderton, Charles Edward, jr.	1923 A	Milwaukee, Wis.
Andre, Rose Henriette, A.B.	1924 MD	Buffalo
Andrew, Earl Raymond	1921 C	Danbury, Conn.
Andrews, Donald Holston	1923 Ag	Brooklyn
Andrews, Etta Bickert	Sp A	Ithaca
Andrews, George Gordon, A.M.	Grad	Ithaca
Andrews, Henry Vincent	1922 A	Lyons
Andrews, John Paul	1923 C	Olean
Andrews, William Angell	1921 C	Grand Haven, Mich.
Angell, Walter Bert	1923 A	Schenectady
Angello, Anthony Frank	1924 A	Mount Vernon
Angerman, William George Bruno	Sp M	Rockville, Conn.
Anspacher, James	1924 Ag	Hartford, Conn.
Antell, Esther	1923 A	New York City
Anthony, Helen Gladys	1922 A	Greenwich
Anthony, John Kaplan	1923 A (Chem)	Cleveland, Ohio
Antz, Joseph Lyndon	1924 E	Fredonia
Apgar, John Martin	1924 A	Califon, N. J.
Apgar, William Burnet	1921 Ag	Madison, N. J.
Applebaum, Jacob, A.B.	1923 MD (N.Y.C.)	New York City
Applegate, Edward Cuyler	1924 A	New York City
Apthorpe, Charles Wilbur	1921 A	Auburn
Archbold, William Cornell	1922 M	Syracuse
Archibald, Jane Isabelle	1921 A	Bovina Center
Arfmann, John Henry	1924 M	Middletown
Armor, Mira Lillian	1923 Ag	Marshallton, Del.
Armstrong, Harriet Elizabeth	1923 Ag	Richmond Hill
Armstrong, Helen Sheley	1923 A	Syracuse
Armstrong, John Russell, M.D.	Sp MD (N.Y.C.)	New York City
Armstrong, Ralph Randall	1923 M	Duluth, Minn.
Arnold, Chester Arthur	1924 Ag	Ludlowville
Arnold, Earl Lee	1923 A (Chem)	Red Creek
Arnold, Elizabeth	1924 A	New York City
Arnold, Henry	1924 Ag	Rushville
Arnold, P. T. Dix	1924 Ag	Bradentown, Fla.
Aronowitz, Max Bernard, A.B.	1921 MD (N.Y.C.)	New York City
Arrache-Battistini, Ramon	1924 A	Aguadilla, P. R.
Arrastia, Justo, A.B., B.S.C.E.	1921 C	Lubao, Pampanga, P. I.
Arronet, Margaret George	1921 C	Petrograd, Russia
Arthur, Theodore Strong	1923 M	Fort Ann
Artigas, Agustin, C.E.	1921 C	Mexico City, Mexico
Artigas, Jose Antonio	1922 E	Mexico City, Mexico
Aschaffenburg, Eugene Albert	1921 A	New Orleans, La.
Ashcroft, Alfred Griffin	1921 M	Brooklyn
Ashe, Benjamin Israel	1924 MD (N.Y.C.)	Brooklyn
Ashley, Burton Marshall	1922 Ag	New Bedford, Mass.
Ashley, Charles Temple	1923 M	Muskegon, Mich.
Ashley, Wells Hine	1922 C	Ashtabula, Ohio
Ashton, Henry Rusling	1921 L	Trenton, N. J.
Askenas, Rachel Ruth	1924 A	Brooklyn
Aten, Adrian John	1924 C	Floral Park
Athana, George Estrate	1922 M	Bronxville
Atkinson, Jerome Thomas	1921 A	Bayside
Atkinson, Neil	1922 A	Bayside
Atkinson, Robert Emory	1924 M	Chestertown, Md.
Atwater, Frances Almira, A.B.	Grad	Canandaigua
Atwood, John Cowan, jr.	1921 M	Ferguson, Mo.
Atwood, Leland Leavitt, A.B.	Grad	Plymouth, N. H.

Ault, Eugene Stanley, B.E.	1921 M	Baltimore, Md.
Ausman, Mildred Katherine	1922 A	Herkimer
Austen, Robert Norman	1923 M	West Etna, Pa.
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, Ralph Chase	1923 M	Gloversville
Axt, Ridgely Wilson, B.S.	Grad	Baltimore, Md.
Ayau, Raphael	1924 M	Guatemala City, C. A.
Ayer, Elmer William	1924 Ag	Cleveland, Ohio
Ayres, Anna Marston, B.L.	Grad	Fort Plain
Ayres, Douglas, jr.	1924 A	Fort Plain
Ayres, Sidney Elliot	1922 A	Penn Yan
Babayan, Ar m Diran, B.S.	1921 Ag	Kasta, Armenia
Babbitt, Ross Milton, B.S.	Grad	Huron, S. Dak.
Babcock, Juan Acres, jr.	1922 M	Plainfield, N. J.
Bachtel, Ruth Moore	1924 Ag	Canton, Ohio
Backer, William	1921 C	New York City
Backus, Charles William	1922 Ag	New Berlin
Backus, Edgar Hamblin	1924 C	Union Springs
Bacon, Charlotte Trotter	1922 Ag	Canandaigua
Bacon, John Fairbank, jr.	1925 Ar	Tarrytown
Bacon, Lillian Mary	1923 Ag	Canandaigua
Badanes, Lillian	1921 A	Mount Vernon
Badger, Katherine	1921 A	Ithaca
Baer, Herbert Ralph	1923 A	Paterson, N. J.
Bahjejian, Kevork Parsegh, B.S.	1922 C	Kasta, Armenia
Baier, Margaret Genevieve	1925 Ag	Silver Springs
Bailey, Charles Chester	1921 A	Oakmount, Pa.
Bailey, Miriam Esther	1925 A	Brewster
Bailey, Williams Dunlavy	1923 C	Boonton, N. J.
Bailor, Winifred Georgie	1921 Ag	Brookton
Bain, Francis Oliver, B.Sc.	Grad	Kimarnock, Scotland
Baird, Alfred Briggs, B.S.A.	Grad	Fredericton, N. B., Canada
Baird, Donald Wallace	1924 C	Brooklyn
Baird, Thomas Jefferson	1923 A	Cleveland, Ohio
Baisden, Ross Herbert	1924 Ag	Athens
Baker, Andrew Alvord, B.S.	Grad	Freeville
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, David Wright	1921 A	Dunkirk
Baker, Donald William	1922 A	Battle Creek, Mich.
Baker, Edward Vreeland	1923 M	Willsboro
Baker, Helen Dorothy	1921 Ag	Ithaca
Baker, Richard Smith	1924 Ag	Ithaca
Baker, Sibon Winfield	1923 Ag	Webster
Bakunovitz, Nicholas	1922 A (Chem)	Brooklyn
Balch, Bertram Shoemaker	1924 Ag	Philadelphia, Pa.
Balcom, Ruth Marion	1921 A	Rockville Centre
Baldauf, Augustus Franklin	1923 M	Buffalo
Baldwin, Andrew Grey	1921 Ag	Brooklyn
Baldwin, Charles Hamilton	1923 M	Springfield, Mo.
Baldwin, Charles Howard	1924 A	Brooklyn
Baldwin, Frank Cecil	1923 Ag	Bristol, Pa.
Baldwin, Grove, M.D.	Sp MD (N.Y.C.)	Hilo, Hawaii
Baldwin, Horace Stron, B.S.	1921 MD (N.Y.C.)	Orange, N. J.
Baldwin, Ruth Catherine	1925 A	Norwich
Baldwin, Stanley Cole	1925 M	Johnson City
Baldwin, Warner Frank, B.S.	Grad	Potsdam
Ball, Ellis Robert	1923 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
Ball, Robert Mueller	1924 M	Detroit, Mich.
Ball, Thomas Mueller	1921 M	Detroit, Mich.
Ballantine, Elizabeth Stuart	1921 A	Philadelphia, Pa.
Ballard, Charles Hitchcock	1924 A	Longmeadow, Mass.
Ballou, Harold	1921 A	Ithaca
Balme, Howard Charles	1924 M	Buffalo
Bamberg, Herbert August	1925 M	Buffalo
Bancroft, Clytie	1924 A	Richmond, Va.
Bancroft, Hester	1922 A	Ithaca
Banghart, Edgar Schuyler	1922 M	Augusta, Ga.
Bangs, Gordon Lorenzo	1924 Ag	Churchville
Bangs, John Robert, jr.	1921 M	Baltimore, Md.

Banks, Robert Treman	1923	A	Ithaca
Banner, Edgar Hicks	1923	M	Bainbridge
Bannigan, John Charles	1925	M	Utica
Banse, Herbert George	1921	Ar	Chicago, Ill.
Banta, Theodore Charles	1922	M	Ridgewood, N. J.
Barasch, William	1921	C	Brooklyn
Barber, Mary Orr	Sp	Ag	Barberton, Ohio
Barbour, Carroll Bartlett	1923	A (Chem)	Ridgway, Pa.
Barbour, Kenneth Hoyt	1924	Ag	Philipse Manor
Barclay, Alexander James	1922	A	Ardonia
Bard, James Mackie	1921	Ag	Pleasantville
Bard, Moses Taylor	1923	Ag	Millerton
Bardewyck, Arthur Henry	1924	M	Brooklyn
Bardin, Collis Matterson	1924	A (Chem)	Avon
Barger, Wilson Mabley	1924	C	Ithaca
Barkas, Benjamin William	1922	Ag	Brooklyn
Barksdull, Roy Edgar	1921	M	New Orleans, La.
Barkelew, Charles Smith, jr.	1922	M	Millington, N. J.
Barker, Clifford Van Keuren	1923	C	Staatsburg
Barker, Frederick George, jr.	1923	M	Cleveland, Ohio
Barker, Gardner Thurston	1922	Ag	Croton-on-Hudson
Barker, Myron Irving	1923	A	Carrollton, Ky.
Barkley, Gladys Ferguson	1923	Ag	Blairsville, Pa.
Barlow, Sumner Hancock	1923	A	Trenton, N. J.
Barmon, Georgia Ruth	1923	A	Buffalo
Barnard, Charles Henry	1922	Ag	Holland Patent
Barnes, Claudia Marie A.B.	1923	L	Buffalo
Barnes, Harry Wilbur	1922	C	Detroit, Mich.
Barnes, Laurence Almon	1924	M	Washington, D. C.
Barnes, Walter Eugene	1924	M	Binghamton
Barney, Archie Fay, B.S.Agr.	Grad		Logan, Utah
Barney, Ellery Robert	1922	Ag	Milford
Barr, Charles James, jr.	1924	M	Mobile, Ala.
Barr, George Wilbert, B.S.Agr.	Grad		Ithaca
Barrett, Irma Frances	1921	A	Troy
Barrett, Ralph Hooker	1924	Ag	Binghamton
Barrett, Sidney Hall, jr.	1922	A	Richmond Hill
Barrett, Willard Riehlman, B.Chem.	Grad		LaFayette
Barris, Henry Allen	1923	M	Silver Creek
Barros-Barreto Benjamin Franklin Cavalcanti Albuquerque	Grad		Pernambuco, Brazil
Bartlett, Hannah Marguerite	1923	Ag	Ocoee, Fla.
Bartlett, Leon Edward	1922	A	Galeton, Pa.
Bartlett, Lowell Thomson	1923	M	Minneapolis, Minn.
Bartlett, Sara Rosamonde	1924	A	Fayetteville
Barton, Harriet Garrison	1924	A	Ithaca
Barton, John Allen	1922	C	Belton, Texas
Barton, Kenneth Franklin	1924	M	Syracuse
Bartsch, Edward Holmes	1921	A	Jersey City, N. J.
Basbore, Nelda Beatrice	1922	A	New York City
Bassett, Charles Fernando	1922	A	Castile
Bassett, Dell Clare	1924	V	Hempstead
Bassett, Frederic Harney	1924	M	New York City
Bassett, Samuel Hopkins, A.B.	Grad		Colemans Station
Batchelor, Margaret Louise	1923	Ag	Moylan, Pa.
Bateman, Dorothy Hammond	Sp	Ag	Arlington Heights, Mass.
Bateman, Helen Marion	1921	A	Champlain
Bateman, Margaret Porter	1923	Ag	Brooklyn
Bateman, Ruth Achsah	1924	A	Champlain
Bauer, George Frederic	1922	M	Philadelphia, Pa.
Baugh, Adriana Virginia	1924	A	Oklahoma City, Okla.
Baugher, Irving Bosley	1921	A	Catonsville, Md.
Baum, Seymour Leopold	1922	E	New Rochelle
Baumgardner, Donald George	1923	M	Demster
Baur, Oscar, jr.	1922	M	Indianapolis, Ind.
Baxter, Edmund Francis	1922	A	Waverly
Baxter, Elmer James	1923	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, Thomas Levingston, jr., B.S.	Grad		New York City
Bayuk, Eleanor Fay	1924	Ag	Philadelphia, Pa.
Beach, Stafford Bacon	1922	A	West Palm Beach, Fla.
Beal, Anne Elizabeth	1924	Ag	Ithaca
Beals, Harlo Peabody, B.S.	Grad		Wayland
Beals, Maurine Katherine	1923	Ag	Wayland
Beam, Daniel Sayre	1921	Ag	Hemlock
Beam, Francis Jarvis, A.B.	1923	MD (N.Y.C)	Worcester, Mass.
Bear, Burnett	1922	C	Carlisle, Pa.
Beard, Sarah Allen	1924	A	Cobleskill
Beardsley, Arland Frederic	1921	Ag	Trumansburg

Beasley, Edith J.	1924 Ag	Ithaca
Beattie, Barbara, A.B.	1924 MD (N.Y.C.)	Littleton, N. H.
Beatty, Henry McIntosh	1922 M	Cleveland, Ohio
Beatty, Willard Chrisler	1922 A	Roscoe
Beaver, Paul Fred	1924 C	Longmeadow, Mass.
Beck, Daniel H.	1921 M	Beaver, Utah
Beck, Florence Gertrude	1921 Ag	Aurora
Beck, Helen May	1924 Ag	Aurora
Beck, Junia Martin	1925 A	Aurora
Beck, Monroe	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, Howard Goldsbourgh	1923 Ag	Dayton
Becker, Joseph Adam, A.B.	Grad	Ithaca
Becker, Robert	1922 C	Corona
Becker, Walter Joseph	1922 A	New York City
Beckwith, Charles Allen	1921 M	Buffalo
Beckwith, Irving Harris	1924 A (Chem)	East Pembroke
Beedle, Fred Adair	1925 E	Canonsburg, Pa.
Beeler, Charles Fox	1923 M	Hamilton, Ohio
Belden, Helen Grace	1924 Ag	Berkshire
Bell, Aaron	1923 A	Brooklyn
Bell, E. Dorothy B.A.	1924 MD	Salisbury, Conn.
Bell, James Stultz	1922 M	Altoona, Pa.
Bell, Olin Grogan	1921 A, Grad	Elk City, Okla.
Bell, Raymond William, B.S. Agr	Grad	Brasher Falls
Belser, Beatrice Mary	1923 A	New York City
Bemus, William Jotham	1921 E	Bemus Point
Bender, Edward Alexander	1924 A	New York City
Bendet, Julius	1921 A (Chem)	New York City
Benedict, John King	1922 A	Poughkeepsie
Benenson, Aaron	1922 A	Napanoch
Bengtsson, Otelia Josephine, A.B.	1922 MD (N.Y.C.)	Ossining
Benham, John Latham	1921 A (Chem)	Niagara Falls
Benisch, Charles Edward	1924 C	Brooklyn
Benitez-Gautier, Jose	1921 C	Santurce, P. R.
Benjamin, Foster Hendrickson, B.S.	Grad	Ithaca
Benjamin, George	1923 Ag	Hornell
Bennet, Robert Hadley	1921 M	New York City
Bennett, C. Ralph	1923 A	Gouverneur
Bennett, Everett Lloyd	1924 A	Buffalo
Bennett, John Benjamin	1921 Ag, Grad	Pratt, Kansas
Bennett, Lee Cotton	1925 M	Ithaca
Bennett, Letcher Wayne	1924 M	Brooklyn
Bennett, Russell Thompson	1923 M	Buffalo
Bennett, Theodore Lake	1921 A	Geneseo
Benson, George Milton	1922 C	Baltimore, Md.
Benta, Kenneth Lowell	1922 A (Chem)	New Rochelle
Bentley, Elwyn Brockway, A.B.	Grad	Springfield, Mo.
Bentley, James Stuby	1923 A	Sheridan, Wyo.
Bentley, Martyn Zug	1922 M	Youngstown, Ohio
Benton, George Alden, jr.	1921 A	Spencerport
Beraud, Paul Francis	1924 Ag	Grant City, Staten Island
Berger, Edward Leo, M.D.	Sp MD (N.Y.C.)	Brooklyn
Berger, John Calvin	1924 M	Glen Ellyn, Ill.
Berger, Kenneth Howell	1924 A (Chem)	Cincinnati, Ohio
Berger, Milton	1922 C	Atlantic City, N. J.
Berglas, Jacob Baruch, A.B.	1922 MD (N.Y.C.)	Brooklyn
Bergstein, Joseph	1924 A (Chem)	New York City
Berkeley, Frederick Duncan	1923 M	Brooklyn
Berkoff, Harry Sidney, A.B.	1923 MD (N.Y.C.)	Brooklyn
Berkowitz, Hyman Chonon, M.A.	Grad	Brooklyn
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, Irving Louis	1921 Ag	Brooklyn
Berman, William	1922 A	Rochester
Bernabe y Cruz, Jose, A.B.	1924 M	Quinyua, Bulacan, P. I.
Bernard, Anthony Byers	1924 A	Richmond Hill
Bernart, William Francis, jr.	1924 M	Montclair, N. J.
Bernstein, Maurice	1923 A	Cleveland Heights, Ohio
Bernstein, Sylvia Sybil	1922 A	New York City
Bernstein, William	1923 A	Brooklyn
Berresford, John King	1923 A (Chem)	Milwaukee, Wis.
Berron-Carpizo, Joseph Trinity	1925 M	Campeche Camp, Mexico
Berry, Donald William	1923 C	Houston, Texas
Berry, John Michael	1924 A	Lexington, Ky.
Berry, William Clark, A.B., M.D.	Sp MD	Shadyside, Ohio
Bershansky, Ida	1922 A	Honey Grove, Texas
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
Betts, Edward Dawson	1924 M	Highwood, N. J.
Betts, James Hill	1922 A	Kingston
Betts, William Royston, jr.	1921 Ag	Highwood, N. J.
Beugler, James Valentine	Sp Ar	Poughkeepsie
Beutel, Frederick Keating	1921 A	Tacoma, Wash.
Bevacqua, Joseph	1924 C	Rochester
Bevilacqua, John James	1924 M	Bayonne, N. J.
Beyerl, Leigh Winston	1924 M	Malone
Bezer, Charles Arthur	1924 A	Brooklyn
Biasotti, Edward Peter	1924 Ag	New York City
Bibbins, George Schuyler	1924 M	Watertown
Bickel, William Dosh	1921 M	Pittsburgh, Pa.
Bickley, George	1924 Ag	Philadelphia, Pa.
Bienstock, Irving Horace	1924 A	Newark, N. J.
Bigelow, Claude Myron	1922 M	Penn Yan
Bigelow, Karl Worth, A.B.	Grad	Worcester, Mass.
Biggs, Edna	1923 Ag	West Brighton
Biggs, Sheridan Chapman	1925 M	Baltimore, Md.
Billipp, Casper Hill	1924 A	Rye
Bimstein, Hyman	1924 Ag	New York City
Binner, Paul	1923 Ag	Palisade, N. J.
Binns, Elston Voorhees	1921 A	Elizabeth, N. J.
Bird, Horace Clark	1923 Ag	Medina
Bird, Samuel Bancroft	1922 M	Wilmington, Del.
Birn, Henry Alter	1924 A (Chem)	Brooklyn
Bisch, William	1924 M	Newark, N. J.
Bishop, George Mallory	1922 M	Southampton
Bishop, Roger Sherman	1924 A	Ithaca
Bissantz, Edgar Robert Fred	1925 Ar	Wichita, Kansas
Bissell, Frederick Olds, jr.	1924 A	Buffalo
Bissell, Thomas Ashley	1922 M	Buffalo
Bitker, Bruno Voltaire	1921 L	Milwaukee, Wis.
Bittner, Stanley Franklin, B.S. in Agr.	Grad	Slatington, Pa.
Bitz, Arthur Louis	1925 M	Rye
Black, Hortense Louise	1924 Ag	Geneseo
Black, LeRoy Walton, Ph.B., A.M.	1924 MD (N.Y.C.)	Rutherford, N. J.
Black, William Hilbert, jr.	1921 M	High Bridge, N. J.
Blackman, Edward Chase	1923 M	Flushing
Blackwood, Albert James	1923 M	Buffalo
Bladen, Arthur McKinley	1922 M	Syracuse
Bladen, Leah Marcia	1924 Ag	Syracuse
Blake, Marion Elizabeth, M.A.	Grad	New Britain, Conn.
Blakemore, Samuel Morris	1923 A (Chem)	Louisville, Ky.
Blanchard, John David, A.B.	Grad	Groton
Blanke, Donald Cutler	1921 A (Chem)	New York City
Blankfein, Rose Jeanne	1924 A	Whitestone
Blasbalg, Harry Hobart	1922 L	New York City
Blate, Peter Arthur	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.)	Ithaca
Blauvelt, Grace Brown	1922 Ag	Ridgewood, N. J.
Blauvelt, Katherine Hutton	1922 Ar	Syracuse
Bleakley, Clarence Hiltzheimer	1924 A	Yonkers
Bleecker, Maitland Barkelew	1925 M	Andover, N. J.
Blend, Mabel Abbey	1924 Ag	Berkshire
Blenkle, Victor August	1922 A	Jersey City, N. J.
Blewer, Henry Truman	1923 Ag	Newark Valley
Blinder, Maxwell	1924 Ag	New York City
Bliss, Miriam Elizabeth	1924 A	Morrisville
Block, Joseph Leopold	1924 A	Chicago, Ill.
Block, Laurence Frederick	1923 M	Caldwell, N. J.
Blodgett, Elsie Bernice	1922 A	Corning
Blodgett, Harold William	1921 A	Corning
Blomfield, Reginald Seymour	1925 C	Detroit, Mich.
Bloom, Morris	1924 A	Brooklyn
Bloomer, Robert Strawn	1924 A	Newark
Bloss, Joseph Blossom, jr.	1922 A	Rochester
Bloss, Merrilene Esther	1923 A	Bloesvale
Blowers, Ruth Alma	1924 A	Westfield
Blue, Edward Browning	1921 M	Pittsburgh, Pa.
Blue, John Allan	1924 M	Buffalo
Blum, Abram	1922 M	Brooklyn
Blumberg, Dorothy Goldie	1922 A	Washington, D. C.
Blume, Adrian Frankiyn	1921 Ag	Brooklyn
Bly, Winifred Ida	1923 Ag	Ashville
Boardman, Leland Jaynes, A.B.	Grad	Ithaca
Bobrovnicky, Basil	1921 M	Verkhny Rogachek, Tauride, Russia
Bock, George Frederic, A.B.	1921 MD (N.Y.C.)	Lancaster

Bodourian, Haroutune Agop	1924 A (Chem)	Constantinople, Turkey
Bogan, James Joseph	1923 V	Edmeston
Bogan, John Lawrence	1923 V	Edmeston
Bogart, Harold Elmer, A.B.	1921 MD (N.Y.C.)	New York City
Boggs, Robert William	1924 M	Rockville Centre
Bohannon, George Wilder	1924 A	Duluth, Minn.
Bohanon, Paul Chandler	1924 Ar	Cleveland, Ohio
Bohn, William Christian	1925 E	New York City
Bolan, Francis Joseph	1921 A	Waterbury, Conn.
Bolton, Caroline Grace	1921 A	Oil City, Pa.
Bolton, Luella Ann	1921 Ag	New Hartford
Bolton, William Worden	1921 A	Oil City, Pa.
Bond, Edward Fuller	1924 A (Chem)	Mount Vernon
Bond, Frederick Henry	1922 Ag	Jamestown
Bond, Lyman Ormsbee	1921 Ag	Port Henry
Bonneford, Raymond Edward	1923 Ag	Hancock
Bonnelli, Nicholas William	1924 A	Lyndhurst, N. J.
Bonnett, Earl Cluff, A.B.	1923 MD (N.Y.C.)	Provo, Utah
Bonsal, Howard Vincent	1923 C	Lansdowne, Pa.
Bonyun, Richard Evanson	1924 C	Penns Grove, N. J.
Bool, Marion Louise	1924 Ag	Ithaca
Bool, Marjorie	1923 A	Ithaca
Bool, Mildred Storm	1922 A	Ithaca
Booth, Elizabeth Potter	1923 A	Utica
Booth, James David	1922 M	Longmeadow, Mass.
Booth, Louis Farrand, jr.	1923 M	Webster Groves, Mo.
Boothroyd, Harold Cairns	1921 A (Chem)	Newburgh
Bork, Mildred Margaret	1922 A	Buffalo
Borman, John William	1923 A (Chem)	New York City
Bosanko, Arthur Kingsley	1922 A (Chem)	Glens Falls
Boshart, Frank Eugene	1923 Ag	Lowville
Bostrom, Irene	1923 A	Brooklyn
Bostwick, Mary Virginia	1922 A	Bloomfield, N. J.
Bosworth, Harlan Page, jr.	1923 C	Buffalo
Bosworth, Henry Burt	1921 Ag	Buffalo
Bosworth, Mary Hastings	1924 A	Ithaca
Botsford, Amy Downs	1924 Ag	Middletown
Bott, Clarence Comstock	1922 M	Clinton
Bottomley, Myrl Elijah, B.S.	Grad	Charlotte, Mich.
Boudin, Eleanor	1921 A, Grad	Brooklyn
Bourgarde, Lester Francis	1925 M	Binghamton
Bow, Cyril Garner	1923 Ar	Buffalo
Bowen, Elizabeth	1921 A	Randolph
Bowen, Elsie Katherine	1922 Ag	Hartford
Bowen, Ernest Whiting	Sp M	Brockton, Mass.
Bowen, Ward Culver, A.M.	Grad	Ithaca
Bower, Bernice Marcia	1923 Ag	Elmira
Bower, Edmund Rockwell	1924	Elmira
Bower, Harold Ferdinand	1922 E	Johnstown
Bower, Horace DeWitt	1925 M	Pleasant Valley
Bower, Laurence Robert	1922 V	Ithaca
Bowers, Catherine Highley	1923 A	Columbia, Pa.
Bowers, Clement Gray	Sp Ag	Binghamton
Bowman, Linn Bruce	1925 A (Chem)	Webster
Bowman, Theodore	1921 Ag	White Plains
Bowman, William Loran	1923 M	Vienna, Va.
Boyce, Edward Doak	1921 L	Brooklyn
Boyd, George Adams	1921 A	Wallkill
Boyd, Harold Elmer	1923 A	Pittsburgh, Pa.
Boyd, Oran Cecil, B.S. in Agr.	Grad	Hooker, Okla.
Boyer, Dorothy Edna	1924 A	New York City
Brace, Esther Hall	1923 Ag	Richmond Hill
Braddock, Catherine Christina, M.A.	Grad	Rose Hill, Rawmarsh, England
Brader, Norwood Harold	1924 M	Nanticoke, Pa.
Bradley, Ernest Augustus	1924 Ag	Silver Springs
Bradley, Fred Van Ness	1921 A	Rogers, Mich.
Bradley, Robert Claud, A.B., B.S.	Grad	Huntsville, Mo.
Bradt, Clarence Greenfield	1922 Ag	Rome
Brady, John Francis	1924 A	Cooperstown
Brady, John Franklin, M.E.	Grad	Kansas City, Mo.
Brady, Samuel Dunlap, jr.	1921 C	Fairmont, W. Va.
Brainard, David Edward	1923 M	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	Brooklyn
Branch, Hazel Elizabeth, M.A.	Grad	Wichita, Kansas
Brandes, George Henry, B.Chem.	Grad	Oswego
Brandman, Hyman Charles	1923 A	Ithaca
Brandstadter, Sadie Rose	1924 A	Brooklyn
Branson, Helen Taylor	1922 A	Oklahoma City, Okla.

Braun, Sidney	1922	M	New York City
Brause, Dolly May	1924	Ag	Glen Cove
Brause, Esther Rella	1921	L	Glen Cove
Brayman, George Irving	1922	C	Walton
Brayton, Charles Lucien	1923	A	Montclair, N. J.
Breckenridge, Robert Warren	1923	M	Cleveland, Ohio
Breed, Eben Thompson	1924	A	Ithaca
Breed, Ida Marian	1924	A	Corning
Breed, Robert Read	1924	Ag	Kingsley, Pa.
Breen, Donald Hanley	1923	C	Watertown
Breen, John Beckman	1922	M	Dayton, Ohio
Breese, Lyman Malcolm	1922	L	Elmira
Breitbart, Joseph Roosevelt, A.B.	1924	MD (N.Y.C.)	Cleveland, Ohio
Bremer, George Henry	1923	A	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
Brewer, George Fred	1924	Ag	Swarthmore, Pa.
Brewster, Elizabeth Esther	1922	Ag	Freeville
Brewster, Lyman Sanborn	1923	Ag	Birney, Mont.
Bridge, Richard Wheeler	1924	C	Bridgeport, Conn.
Bridgman, Robert Rice	1923	M	Hamburg
Bridiskas, Leo John	1924	A	Hazleton, Pa.
Briegel, Julius Leo	1921	Ag	Briarcliff
Briggs, Harold Owen	1923	M	Rhinebeck
Briggs, Helen Newman	1924	A	Washington, D. C.
Briggs, Leslie Eadie	1921	L	Homer
Bright, Fannie Jean	1921	Ag	Lansdale, Pa.
Brill, George Meredith, B.S.	Grad		Chicago, Ill.
Brill, Kenneth Campbell	1923	M	Poughquag
Brillinger, Henry Beitzel	1921	M	York, Pa.
Bristol, Herman Harvey	1923	Ag	Canton Center, Conn.
Britt, Charles Jerome	1925	M	Abington, Pa.
Britt, Robert Emery	1922	Ag	Brockport
Brittain, Harry Luck	1923	M	Baltimore, Md.
Brittain, Knox	1922	A	Downsville
Brittain, William Harold, M.S.A.	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	M	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
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.)	Winchester, N. H.
Bromer, Edward Harold	1923	E	Schwenkville, Pa.
Bronson, George Browning	1923	Ag	Rome
Brooke, Sydney Seymour	1923	Ag	Brooklyn
Brooks, Jay Tracy	1923	M	Hallstead, Pa.
Brooks, Katharine, A.B.	Grad		New Britain, Conn.
Brooks, Kathryn Blanche	1922	Ag	Batavia
Brooks, Marie-Jeanne	1924	A	New York City
Brooks, Marion Edith	1923	Ag	Rochester
Brooks, William Redfield	1924	Ag	Rochester
Brotherhood, Lillian Fred	1921	Ag	Ithaca
Brothers, John Wakefield	1924	M	Canton, Ohio
Broughton, William Gundry	1924	M	Fort Wayne, Ind.
Brown, Alexander Edward	1924	A	Jamaica
Brown, Blanche Laura	1921	A	Webster
Brown, Carl	1924	M	Brooklyn
Brown, Charles Alfred, B.A.	1923	MD (N.Y.C.)	Waterbury, Conn.
Brown, Chester William	1924	Ag	Albany
Brown, Cremer Francis	1922	M	Cleveland, Ohio
Brown, Donald Winslow	1922	A	Punxsutawney, Pa.
Brown, Edith Rhoda	1922	A	Ithaca
Brown, Edwin Hobart	1922	M	Wayne, Pa.
Brown, Elizabeth Place	1924	Ag	Shortsville
Brown, Ellsworth Sheffer	1923	V	Shortsville
Brown, Fayette Elwin	1923	M	Iron Mountain, Mich.
Brown, Frederick Edward	1924	A (Chem)	Oswego
Brown, Forrest Jagger	1922	C	East Marion
Brown, George Davis	1924	A	Carrollton, Ill.
Brown, Helen Elizabeth	1923	Ag	Ithaca
Brown, Herman Albert	1923	Ag	Salamanca
Brown, Henry Gassaway, jr.	1922	C	Philadelphia, Pa.

Brown, Henry George	1922 A	South Dayton
Brown, Jesse Edward	1925 M	East Marion
Brown, Joseph David	1923 Ag	Brooklyn
Brown, Joseph Richard, A.B., M.D.	Sp MD (N.Y.C.)	New York City
Brown, Mann Quarles	1924 M	Richmond, Va.
Brown, Nathan	1924 Ar	New York City
Brown, Norman Pierson	1921 Ag	Bernardsville, N. J.
Brown, Paul Erskine	Sp M	Ithaca
Brown, Randolph Milton, B.S.	Grad	New Brighton
Brown, Richard Bates	1923 A	Memphis, Tenn.
Brown, Robert Edward	1922 Ag	Ithaca
Brown, Ruby Gwendolyn	1924 A	Bluff Point
Brown, Seymour Walter	1922 Ag	Burke
Brown, Seymour Willard	1923 M	New York City
Brown, Thelma Josephine, A.B.	Grad	Williamsburg, Va.
Brown, Theodore Gregg	1924 A	Indiana, Pa.
Brown, Thomas Augustus	1923 Ag	Elizabethtown
Brown, Virginia	1923 A	Oakmont, Pa.
Brown, Wallace McKinney	1924 Ag	Chazy
Brownell, Claude Lewis	1925 C	Glens Falls
Brownell, Spencer	1924 A	Oswego
Bruckheimer, Alleyne Henry, A.B.	1921 M	Buffalo
Bruckheimer, Sydney Morris	1922 A	Buffalo
Bruckner, Mabel Amelia	1922 Ag	Hastings-on-Hudson
Brumbaugh, Charles Howard	1923 M	Orange, N. J.
Brumfield, Thelma Flournoy	1922 A	Blacksburg, Va.
Brundage, Ralph Wesley	1922 Ag	Hornell
Brunett, Earl Louis	1922 V	Herkimer
Bruning, Christian Richard, jr.	1923 M	Newport News, Va.
Bruning, Herbert Francis	1924 A (Chem)	Brooklyn
Brunke, William Hans	1924 Ag	Weehawken, N. J.
Brunson, Arthur Maxwell, M.S.	Grad	Ithaca
Brush, Kenneth Hugo	1923 L	Haffey, Pa.
Bryan, Josephine Stevens	1921 A	Ithaca
Bryan, William James	1924 A (Chem)	Port Jervis
Bryant, Carleton Elliott, jr.	1922 C	Mount Vernon
Bryant, Maynard Luther	1921 V	Troy
Brykczynski, Charles Stanley	1922 A	Brooklyn
Bubb, Harris Trevette	1923 M	Jersey Shore, Pa.
Buchanan, Eugene Diven	1923 A	Highland Park, Ill.
Buck, Clifford Martin	1922 Ag	LaGrangeville
Buck, Edna Mae	1923 Ag	Glens Falls
Buck, Nellie Leona	1921 A	Groton
Buck, Wendell	1923 A	New York City
Buckby, Richard Allen	1924 E	Butte, Mont.
Buckingham, Frederick John	Sp Ag	Narrowsburg
Buckley, Elias Florence	1924 C	Port Edwards, Wis.
Buckley, Henry White	1923 M	Port Edwards, Wis.
Buckley, Raymond William	1925 M	Cambridge
Buckley, Theodore Talmadge, jr.	1921 Ag	Cambridge
Buckman, Henry Taylor	1924 Ag	Kingston, Pa.
Buckman, Lewis Fowler	1925 M	Swarthmore, Pa.
Buehler, Leon, jr.	1921 M	Mount Vernon
Buenano, Henri Rene	1923 C	Buenos Aires, Argentina
Buerger, Otto Martin	1921 A	Eggertsville
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.
Bullock, Clayton Morse	1922 A (Chem)	Sharon Springs
Bumstead, Dale, jr.	1921 M	Oak Park, Ill.
Bundy, Howard Phillips	1923 Ar	Auburn, Ind.
Bungart, Paul Mercer	1921 A	Oceanside
Burch, Harold Graydon	1923 Ag	Millbrook
Burchfield, Alice Kyle	1922 A	Buffalo
Burck, Rudolph David	1922 L	Denver, Colo.
Burden, Louise Helen	1922 A	Canandaigua
Burdick, Carl Miller, M.D.	Sp. MD. (N. Y. C.)	Seattle, Wash.
Burdick, Helen	Sp. Ag.	Wilkes-Barre, Pa.
Burdick, Leonard Wallace	1923 L	Homer
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 M	Hartford, Conn.
Burke, Ruth Sheridan	1924 A	South Bend, Ind.
Burke, William James	1922 A	Oneida
Buriage, Stanley Ross, B.S., A. M.	Grad	Fredonia
Burleigh, Clifford Goff	1924 Ag	Rochester
Burmistroff, Vassily Georgievitch	1923 C	Turovo-Kashin, Tver, Russia

Burnaford, Helen Amelie	1924 A	Nanticoke, Pa.
Burnett, Newton Collamore	1924 A	Waban, Mass.
Burnett, Newton Osborn	1924 M	Morristown, N. J.
Burnham, Alice Alinda	1923 A	Worcester, Mass.
Burnham, Elisa Ellen	1923 Ag	Elmira
Burnham, Frederick Eugene	1924 M	Brooklyn
Burnham, Lyman	1923 A	Brooklyn
Burns, Samuel	1922 C	New Britain, Conn.
Burpeau, William Purdy	1924 A	Yonkers
Burr, Charles Robert	1924 A (Chem)	Pawling
Burroughs, Ambrose Matson, B.S.	Grad	Savannah
Burroughs, Kenneth Cook	1922 M	Geneva
Burroughs, George Lord, 3d	1923 Ag	Saginaw, Mich.
Burt, Robert Chester	1921 M	Battle Creek, Mich.
Burton, Benjamin	1922 A	Philadelphia, Pa.
Burton, Euclid Orrel	1923 M	West Chazy
Burton, Raymond Charles	1921 A	Rock Island, Ill.
Buschen, Herman William	1924 M	Woodcliff-on-Hudson, N. J.
Bush, Harold Leland	1922 A	Ludlowville
Bush, Harold Watrous	1921 C	Warsaw
Bush, Ralph Raymond, M.E.	Grad	Kingston, Pa.
Buskirk, Daniel William	1922 Ag	Independence, Ohio
Butler, Bryant Ormond	1921 Ag	Easton, Md.
Butler, Charles Patrick, B.S.	1922 L	Proctor, Vt.
Butler, Mary Louise	1923 A	Plattsburg
Butterfield, Mondel Ely	1923 Ar	Port Dickinson
Button, Henry Burr	1921 Ag	Farmingdale
Buttrick, Charles Edgar	1924 Ar	Brooklyn
Buys, John Levenus, M.S.	Grad	Sodus Point
Byington, Elizabeth Louise	1923 A	Ossining
Byrd, Ralph Hamilton	1921 M	Suffolk, Va.
Byrne, Edward Munson	1922 M	Washington, D. C.
Byron, Charles Stanford, A.B.	1923 M D (N.Y.C.)	Brooklyn
Byron, Milton Lester	1924 A (Chem)	Erie, Pa.
Byron, Peter	1923 A	Corona
Cable, Elva Mae	1921 A	Walton
Cahan, Harry Bruce	1921 L	Philadelphia, Pa.
Cahill, Hugh John	1925 M	Orange, N. J.
Cain, Charles Bertram, B.S.A.	1924 V	Bude, Miss.
Cairns, Glenavie	1925 Ar	Maplewood, N. J.
Caldwell, Wiley North	1923 M	Oak Park, Ill.
Calkins, Donna Rosamond	1921 A	Oakfield
Call, Irving Joslyn	1922 Ag	Stafford
Callan, Maynard Frank	1923 M	Buffalo
Callan, Percival Louis	1924 M	Buffalo
Calleson, Edgar Augustus	1923 M	Brooklyn
Calloway, Robert Woodward	1922 C	Baltimore, Md.
Calvert, George Chalfant	1923 A	Pittsburgh, Pa.
Camden, Stella DuPriest	1921 A	Lynchburg, Va.
Caminez, Mabel	1924 Ag	Brooklyn
Campbell, Edward Ketcham	1923 A	Brooklyn
Campbell, Frank Lincoln, jr.	1921 A	Omaha, Nebr.
Campbell, John Henry	1924 M	Lakewood, N. J.
Campbell, John Joseph, jr.	1922 M	New York City
Campbell, Katherine Leonora	1923 A	Dansville
Campbell, Lloyd Howell	1924 Ag	Brooklyn
Campbell, Margaret G.	1921 Ag	Valparaiso, Ind.
Campbell, Mary Louise	1924 Ag	Ithaca
Campbell, Ralph Harold	1924 A	Omaha, Nebr.
Campbell, Ruth Margaret	1924 A	Webster
Campion, Catherine Sara	1923 A	Philadelphia, Pa.
Canary, Maurice DeGraff	1924 V	Pattersonville
Cannon, John Francis	1921 A	Locust Gap, Pa.
Cantor, Isador Jerome	1922 L	Buffalo
Caplan, Harry, M.A.	Grad	Albany
Caplan, Louis	1921 A, 1924 MD	Albany
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 Peterbaugh	1923 A	Hutchinson, Kansas
Carlos-y-Gochico, Meneleo, A.B.	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
Carney, Colwell Joseph	1921 A	Newburgh
Carney, Earl Edward	1923 M	Cedar Falls, Iowa

Carpenter, Benjamin Palmeter	1923 M	Washington, D. C.
Carpenter, Charles Albert	1925 M	Whitehall
Carpenter, Charles Milton, D.V.M., M.S.	Grad	Ithaca
Carpenter, Charles Wilson	1922 C	Lake Mahopac
Carpenter, Clifford Miles	1923 Ag	Chittenango
Carpenter, Earl Keays	1924 A (Chem)	Breckenridge, Texas
Carpenter, Robert Holt	1923 A	Whitehall
Carr, Alfred Chambers, jr.	1923 M	St. Louis, Mo.
Carr, Edward Howard	1922 M	Oyster Bay
Carr, Harold Fremont	1922 M	Arcadia, Fla.
Carran, William Allen, jr.	1924 M	Cleveland, Ohio
Carrell, Darwin Faulk	1923 M	Crafton, Pa.
Carrier, Egbert Wendell	1921 A (Chem)	Phoenix
Carrington, Ralph Hermon	1922 M	Oneonta
Carroll, Madeline Anna	1924 Ag	New York City
Carroll, Philip Francis	1921 A	Rosebank
Carson, Florence Elizabeth	1923 A (Chem)	Chicago, Ill.
Carstensen, Gudrun Anna	Sp A	Copenhagen, Denmark
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
Carty, John Russell, B.S.	1921 MD (N.Y.C.)	Short Hills, N. J.
Caruso, Santo Corrado	1924 E	Brooklyn
Carver, James Clayton	1922 A	Fort Dodge, Iowa
Carver, Kenneth, B.Arch.	Grad	Brooklyn
Cary, Edward Beverly, M.E.	Grad	Roanoke, Va.
Casazza, George Enrico	1923 A	Brooklyn
Casey, Francis Lawton	1922 A	Batavia
Casey, Mary Louise	1924 A	Batavia
Cashman, Eugene Ramiro	1923 A (Chem)	Cleveland, Ohio
Casler, Marjorie Ellen	1923 A	Herkimer
Caslick, Edward Albert	1922 V	Newfield
Caspe, Sylvia Ruth	1923 A	New York City
Cass, John Lewis	1922 M	Salem, Mass.
Cassedy, William Fraser, jr.	1921 M	Newburgh
Cassidy, Charles Emmes	1924 Ag	Honolulu, Hawaii
Cassin, William Mains	1921 Ag	Sodus Point
Castle, Hempstead	1921 Ag	Ithaca
Castro-Fernandez, Rafael Maria	1921 L	Miramar, Santurce, P. R.
Cattell, Quinta	Sp Ag	Garrison
Cattell, Ware	Sp A	Garrison
Cavinato, Lawrence Augustus	1924 A	Fort Lee, N. J.
Cerchiara, Camillo Anthony, B.S.	1922 MD (N.Y.C.)	New York City
Chamberlain, Carl Christoph	1921 Ag	Elmira
Chamberlin, Benjamin Day	1924 A	Rochester
Chambers, Genevieve	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 S.	1925 M	Manhasset
Champlin, Archie Earle, Ph.B.	Grad	Alfred
Champlin, Donald Webb	1924 M	Oneida
Chandler, Carroll Wesley	1922 Ag	Moravia
Chandler, Fred Charles, jr.	1922 M	Cleveland, Ohio
Chaney, Levere McDonald	1925 E	West Coxsackie
Chang, Cheh Hsi, C.E.	Grad	Po-Yang, Kiangsi, China
Chang, Lan Ko, M.E.	1922 M	Peking, China
Chanutin, Alfred, Ph.B.	Grad MD (N.Y.C.)	New Haven, Conn.
Chao, Ming Kao	1922 A	Liao-Yang, Fengtien, China
Chao, Shen Chu	1922 C	Yuhsien, Honan, China
Chapin, Ruby Thelma	1924 Ar	Syracuse
Chapman, Henry Otis, jr.	1922 Ar	Woodmere
Chapman, Louis Rounseville	1921 Ar	Pittsburgh, Pa.
Chapman, Lucie Helen	1923 Ag	Staten Island
Chapman, Paul Andrew	1922 A (Chem)	Auburn
Chapman, Ruth Rosalie	1923 A	Bethelem, Pa.
Chappell, Robert Eli	1923 M	Pelham Manor
Chardon, Carlos Eugenio, B.S.	Grad	Ponce, P. R.
Charet, Morris	1923 M	Brooklyn
Charron, Philip Joseph	1923 M	Ithaca
Chase, Willis Edmund	1924 Ag	Newcomb
Chasins, Charles Louis, M.D.	Sp MD (N.Y.C.)	New York City
Chaskin, Harold Seymour	1921 M	New York City
Chatfield, Clayton Calkins	1923 Ag	Union
Chavanne, John Joseph, jr.	1921 C	Woodhaven
Cheeves, Tom A., B.S.	Grad	Marlin, Texas
Chen, Chi Lin, B.A.	Grad	Peking, China
Chen, Kwan Shun, B.S.A.	Grad	Shanghai, China
Chen, Seu-Tu	1925 M	Futshan, Kwongtung, China
Chen, Tsu Yi, B.Sc. in C.E.	Grad	Hangchow, China

Chen, Yuhan, C.E.	1921	M	Shanghai, China
Chenault, Anderson Hume	1925	M	Richmond, Ky.
Cheney, David William	1922	V	St. Regis Falls
Cheney, John Baird	1924	V	St. Regis Falls
Cheng, Kan Yun, C.E.	1921	M	Ninghai Hsien, Chekiang, China
Cheng, Pu Ching	1921	Ag	Foochow, China
Cheng, Ta-tung Hurtin	1924	A	Peking, China
Cheng, Wan Chung	1923	M	Hongkong, China
Cherdantzeff, Peter	1921	M, Grad	Petropavlovsk, W. Siberia, Russia
Cherouny, Helen Elsie	1922	A	Brooklyn
Chestnut, Henry McDowell	1925	M	Philadelphia, Pa.
Cheston, Harold Clifford	1923	M	Yonkers
Cheston, James Hunter	1921	C	Yonkers
Chichester, Hazel Le Count	1921	Ag	Mahopac
Chii, Eva Suck Yein	Sp	A	Hongkong, China
Child, Lachlan Wallace	1924	M	West Orange, N. J.
Childs, Mary Elizabeth, A.B.	1922	MD (N.Y.C.)	Bernardsville, N. J.
Childs, Wesley Haley	1923	Ag	North Tonawanda
Chin, Yu, B.S., M.A.	Grad		Peking, China
Chipman, Mary Adams	1923	Ag	West Medford, Mass.
Chirlian, Gustave	1921	C	New York City
Chisholm, Anne Cameron	1923	A	Fort Covington
Chisholm, Kenneth	1924	A	Montclair, N. J.
Choate, Aubrey James	1923	A	Erie, Mich.
Chobot Edwin Frank	1921	C	Brooklyn
Christensen, Eiler Martin	1921	C	Norwich
Christianson, Christian	1922	M	Butler, Pa.
Christianson, Raynard	1921	M	Butler, Pa.
Christie, Cornelius Wells	1924	M	Yonkers
Christman, Paul Omar	1922	Ag	Bayside
Chu, Yiieh Ting, B.Sc. (C.E.)	Grad		Shanghai, China
Churchill, Charles Harvey	1923	M	Canton
Churchill, Howard Bosworth	1922	Ag	Canton
Churchill, Rogers Platt	1924	A	Elmira
Ciancialli, Salvador Joseph	1924	C	Brooklyn
Cifuentes, Miguel	1923	M	Lima, Peru
Cisler, Walker Lee	1921	M	Gradyville, Pa.
Clapp, Marion Glenn	1923	A	Deerfield
Clark, Addison John	1924	A	Castleton
Clark, Arthur Lincoln	1921	Ag	Jamaica Plain, Mass.
Clark, Carroll Bromley	1922	M	Ithaca
Clark, Elizabeth Eleanor	1924	Ag	Yonkers
Clark, Frances Hilda	1922	Ag	Fulton
Clark, Griffith Sappington	1921	Ag	Ellicott City, Md.
Clark, Jason	1923	C	Williston, Vt.
Clark, Mabelle Davis	1925	A	Atlantic City, N. J.
Clark, Marion Anna	1921	A	Warsaw
Clark, Marvin Aiden	1923	Ag	Kendall
Clark, Paul Abrams	1924	M	Independence, Mo.
Clark, Philip Colegrove	1922	M	Stapleton
Clark, Philo Davis	1923	A	Rumford, Me.
Clark, Robert Gregory	1922	M	Denver, Colo.
Clark, Robert Joseph	1922	Ag	Tully
Clark, Roger Scuremann	1921	A, Grad	Kingston, Pa.
Clark, Waid Van De Mark	1924	A	Buffalo
Clarke, Joseph Sherwood	1925	C	New York City
Clarke, Walter Jadwin	1924	A (Chem)	Jersey City, N. J.
Clarke, Welcome Errington	1922	Ag	Friendship
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.
Clay, George William, Jr.	1921	M	New Orleans, La.
Clayton, Merrill Gerard	Sp	Ag	Trenton, N. J.
Cleary, Charles Hubert	1922	M	Baltimore, Md.
Cleary, Stephen Farrell	Sp	A	Ballston Spa
Cleaver, Thoburn Grant	1921	M	Richmond Hill
Clements, Arthur Latimer	1924	M	Cleveland, Ohio
Clements, Joseph Francis	1921	L	New York City
Cleminshaw, Clarence Higbee	1923	A	Cleveland, Ohio
Close, Elinor Agnes	1922	A	Westwood, N. J.
Close, Mary Tabitha	1923	Ag	King Ferry
Clough, Amy Belle	1923	A	Clifton, N. J.
Clough, Kenneth Mead	1923	A	Peru
Cluss, Harold Haydn, A.B.	Grad		Cleveland Heights, Ohio
Clynes, Edmund	1924	A	Ithaca
Coats, Bertha	Sp	Ag	Nile
Cobb, William Gerard George	1922	C	Point Pleasant, N. J.
Cobleigh, Monroe	1924	A (Chem)	Brooklyn
Cobrin, Harry	1925	A	New York City
Cockcroft, Donald Griswold	1921	C	Northport
Coe, Evelyn Grace	1923	Ag	Cincinnatus

Coe, Roger Jewett	1923 M	New York City
Coffey, Loretta Celia	1924 A	Brooklyn
Coffin, Edna Marilla	1922 A	Homer
Cohen, Charles	1924 A	Brooklyn
Cohen, Dorothy Rosen	1924 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, Loeb	1924 A	Brooklyn
Cohen, Miriam	1922 A	New York City
Cohen, Nathalye Vera	1922 A	Paterson, N. J.
Cohen, Philip	1925 A	Brooklyn
Cohen, William	1922 A	New York City
Cohn, Jessie	1924 A (Chem)	New York City
Cohn, Mark, M.D.	Sp MD (N.Y.C.)	New York City
Colby, Horace Farnham	1923 Ar	Pontiac, Mich.
Colby, Thomas Berry	1923 Ag	Pontiac, Mich.
Cole, James Thurston	1924 M	Ithaca
Cole, John Jay	1923 M	Buffalo
Cole, Kenneth Watkins	1922 M	Avon
Coleman, Alfred John	Sp Ag	Woodstown, N. J.
Coleman, Clarence Louis, jr.	1924 A	Chicago, Ill.
Coleman, Del Rey Winslow	1924 E	Washington, D. C.
Coleman, Donald Whittaker	1924 Ar	Brooklyn
Coleman, Sheldon	1924 M	Wichita, Kansas
Coleman, William Worthy	1922 A	New York City
Collens, William S., B.S.	1921 MD (N.Y.C.)	Brooklyn
Collins, Algwynne	1925 A	Bainbridge
Collins, Arthur John, jr.	1923 Ag	Moorestown, N. J.
Collins, Edwin Lonsdale	Sp A (Chem)	Bainbridge
Collins, Jacob Roland, M.S.	Grad	Ithaca
Collum, Thad Lumpkin	1921 C	Corsicana
Colson, Mary Allegra	1924 Ag	Albany
Colsten, Alden	1921 Ag, Grad	Binghamton
Colt, Leonard Beeber	1922 M	Pelham
Colton, Mildred Lavina	1923 Ag	Sherburne
Colucci, Frank, A.B.	Grad	Holley
Colucci, Frederic William	1925 C	Newark, N. J.
Colucci, Joseph	1921 A (Chem)	Holley
Colvin, Donald	1923 Ag	Glenview, Ill.
Combemale, Robert Yves	1923 M	New York City
Combs, William Charles	1921 L	Rochester
Comstock, Oliver Dixon	1924 A	Brooklyn
Condit, William Chapin	1922 A (Chem)	Ithaca
Condon, Lawrence William	1924 C	Newark, N. J.
Condron, George Tolman	1923 M	Oak Park, Ill.
Cone, Katherine Sara	1924 A	Unadilla
Congdon, Charles Clement	1922 Ag	Norfolk
Congdon, Ellen Martha	Sp Ag	Middletown, Conn.
Conklin, Frederick Samuel	1922 M	Shelter Island Heights
Conkling, Frank Ellsworth, jr.	1922 C	Patchogue
Conlon, Lawrence Hayes	1923 V	South Lansing
Conlon, Mary Agnes	1922 A	Ithaca
Connaughton, George Howard	1922 A	Wapakoneta, Ohio
Connelly, George Gartland	1924 A	Elmira
Conner, Florence Marie	1925 A	Analomink, Pa.
Connolly, John Edwin	1921 Ag	Mount Kisco
Connor, Helen Margaret, A.M.	Grad	Terre Haute, Ind.
Conover, G. Elliott	1921 C	Asbury Park, N. J.
Conrad, Herbert Frank	1923 M	Buffalo
Conradis, Albert Earl	1923 A	Washington, D. C.
Conway, Mary Katherine	1921 A	Elizabeth, N. J.
Conwell, Dorothy	1922 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 M	Whitney Point
Cook, Nelson Evans	1922 A	Wheeling, W. Va.
Cook, Owen Shepard	1922 M	Evanston, Ill.
Cook, Ruth Hunt	1924 A (Chem)	Brooklyn
Cook, William Frederick	1925 Ag	Whitney Point
Cooke, Oscar Herbert	Sp Ag	Lyons Falls
Cooley, Charles Ransom	1922 Ag	Oberlin, Ohio
Cooley, Earl Eleazer	1922 M	Milford, N. H.
Cooley, Elizabeth Content	1922 Ag	Bozeman, Mont.
Cooley, George Raymond	1922 C	Kittanning, Pa.
Coon, Michael Melvin	1925 M	New York City
Coon, William Hammill	1922 L	Homer
Cooney, Anna Mary	1921 Ag	Malone
Cooper, Charles Bryant, jr.	1923 Ag	Honolulu, Hawaii

Cooper, Dorothy Lydia	1921 A	Mattituck
Cooper, Elizabeth Terry	1921 Ag	Mattituck
Cooper, George	1922 A	Brooklyn
Cooper, Herbert Press, M.S.	Grad	Blythewood, S. C.
Cooper, John Bradley	1925 M	Nunda
Cooper, Ray Sweet	1921 A	Horseheads
Cooper, Stuart William	1922 M	Houghton, Mich.
Cooper, Wilbur Stanley	1923 M	Rochester
Cooper, William Miller, jr.	1921 C	New York City
Cooperman, Harold Oscar, M.D.	Sp MD (N.Y.C.)	New York City
Copeland, Abraham	1921 Ag	Dannemora
Copeland, Dwight Lothrop	1923 C	West Bridgewater, Mass.
Copley, John Vance	1925 M	Auburn
Copp, Herbert Guy	1922 M	Rock Island, Ill.
Coppoletta, Joseph Michael	1924 A	Cliffside Park, N. J.
Corbett, Frances Lee	1921 Ag	Takoma Park, D. C.
Corbett, Laurence Ward	1924 Ag	Takoma Park, D. C.
Corbett, Roger Bailey	1922 Ag	Takoma Park, D. C.
Corbett, William Theodore	1924 A	Avalon, Pa.
Corbin, Paul Eugene	1922 A (Chem)	Ithaca
Corcoran, William Bryan	1924 C	Montclair, N. J.
Cordero, Luis Felipe, B.S. in C.E.	Sp C	Concepcion, Santander, Colombia
Corey, Robert Brainard, B. Chem.	Grad	Barberton, Ohio
Cormack, Maribelle	1923 A	Buffalo
Cornblum, Edward	1922 L	Buffalo
Cornehlsen, Henry Christian, jr.	1924 A	Brooklyn
Cornell, Ezra	1923 M	San Rafael, Cal.
Cornell, Helen Lois	1922 A	Buffalo
Cornell, John Samuel	1924 A	Corning
Cornell, Nelson Warren, A.B.	1921 MD (N.Y.C.)	Chemung
Corney, Blair Shipman	1922 C	New York City
Cornish, Edward Harrison	1922 A	Cortland
Cornish, Ina May	1921 Ag	Ithaca
Cornwall, Esther	1922 Ag	South Wales
Cornwall, Laurance	1923 M	Rye
Cornwell, Ralph Thomas Kline, B.Chem.	Grad	Northumberland, Pa.
Corrington, Julian Dana, A.B.	Grad	Ithaca
Corson, Mildred Wirt	1924 A	Savannah, Ga.
Cortina, Cesar	1921 C	San Pedro de Macoris, Santo Domingo
Cortina, Victor Manuel	1923 C	San Pedro de Macoris, Santo Domingo
Corwin, Grace Huntington	1921 A, Grad	Riverhead
Corwith, Arthur Edward	1924 A	Water Mill
Cotton, Cornelia Marie	1921 A	Washington, D. C.
Cottrell, Casper Lehman, A.B.	Grad	Reading, Pa.
Coupal, Edward Taylor	1922 E	Buffalo
Courtright, Alva Vattier	1925 M	Circleville, Ohio
Covell, Marion Onalee	1924 Ag	Ithaca
Cowan, James Samuel	1922 Ag	Hobart
Cowan, John Mark	1922 M	Hobart
Cowley, Rafael Mario	1922 M	Havana, Cuba
Cowley, Raoul Faust	1922 A	Havana, Cuba
Cox, William Thomas	1923 M	Duncan, Okla.
Coxe, George Harrison, jr.	1923 A	Elmira
Crabtree, Ruth Foster	1924 MD	Montgomery
Crabtree, Theodore Hudson	1923 M	Staten Island
Cracco, Frederick Anthony	1921 A, 1924 MD (N.Y.C.)	Jersey City, N. J.
Cracovaner, Alex	1923 A	New York City
Craft, Russell LaFayette	1923 A	Herrick Centre, Pa.
Craighead, Samuel Judson	1922 C	Wilkinsburg, Pa.
Cramer, John Cowle	1925 M	Cleveland, Ohio
Crampton, Albert Mason	1922 L	Moline, Ill.
Crandell, Dean DeForest	1922 A (Chem)	Waverly
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, Lucy Shepard, A.B.	Grad	Brooklyn
Crawford, Robert Walter	1921 E	Warsaw
Crawford, William, jr.	1923 C	Schenectady
Crawford, William Rush	1924 V	Washington, D. C.
Creal, Harold Leroy	1921 Ag	Jamestown
Crichton, Robert Ross	1923 M	Bremerton, Wash.
Crisfield, Lloyd Zabriskie	1922 M	Brooklyn
Crisfield, Richard Ilston	1921 M	Brooklyn
Crissey, Stephen Roy	1922 Ag	Glenwood, N. J.
Crockin, Albert Sylvester	1924 M	Portsmouth, Va.
Crufoot, David Wilson	1923 A	Norotos, Conn.
Croll, Robert Samuel	1924 M	East Orange, N. J.
Crook, William Frederick	1923 A	Hicksville
Cross, Benjamin Whiteley, jr.	1924 M	Pittsburgh, Pa.
Cross, Edward Hough	1923 Ag	Gainesville

Cross, Gerald Francis	1921 M	Indian Lake
Cross, Harold Ritchie	1922 Ag	DeKalb Junction
Crosthwait, George Nettleton	1924 M	Dallas, Texas
Crouch, Arthur Weir	1923 C	East Aurora
Crouch, Paul Austin	1924 A	Syracuse
Crouse, Nellis Maynard, A.B.	Grad	Ithaca
Crowell, Victor Leroy, jr.	1924 Ag	Brooklyn
Crowley, Addison Gifford	1922 L	Randolph
Crowne, Irving Henry	1924 M	New York City
Croxton, Herbert Pease	1922 M	Massilon, Ohio
Crozier, George Douglas	1924 A (Chem)	Honolulu, Hawaii
Crump, Enid	1921 A	New York City
Crusel, Cornelius Campbell	1922 C	New Orleans, La.
Cruz, Carlos	1923 M	Guatemala, C. A.
Cubbon, Miles Hugo	1921 Ag	Oil City, Pa.
Cubillos, Ernesto	1921 Ag	Bogota, Colombia
Cubler, Edwin Clarence	1922 C	Philadelphia, Pa.
Culley, Paul Gamber	1921 A, Grad	Ithaca
Culver, Joseph Irwin	1922 A (Chem)	New York City
Cummings, Deborah Provost	1921 Ag	Centreville, Mich.
Cummings, Josephine Starr	1924 Ag	Centreville, Mich.
Cunneen, Anna Elizabeth	1922 Ag	Port Jervis
Cunneen, Wallace Vincent	1921 A	Port Jervis
Cunningham, Benjamin Amos, jr.	1921 M	Yonkers
Cunningham, Carleton Sewell	1924 A	Martinsburg, W. Va.
Cunningham, Gladys	1923 A	Atlantic City, N. J.
Curphey, James Dodds, B.Chem.	Grad	Dayton, Ohio
Curran, Donald Leon	1924 M	Binghamton
Curran, Harold Raymond	1921 Ag, Grad	Buffalo
Curry, John Robert	1924 Ag	Blue Mountain Lake
Cursons, Lucy Isabel	1924 Ag	Buffalo
Curtis, Carol	1921 Ag	Rochester
Curtis, Dorothy	1923 A	Hoboken, N. J.
Curtis, Egbert Townsend	1923 A	Spring Valley
Curtis, Elsie	1923 A	Brooklyn
Curtis, Justin Cairns	1923 Ag	Newport, Vt.
Curtis, Ralph Raymond, A.B.	Grad	Brooklyn
Curtiss, Leon Francis, A.B.	Grad	Ithaca
Curts, Robert Morison	1923 A (Chem)	Paterson, N. J.
Cushman, Dorothy Elizabeth	1921 Ag	Syracuse
Cushman, Edward	1922 A	Norwich
Cushman, Howard Baker	1922 A	East Aurora
Cushman, Margaret Allerton	1923 Ag	Ithaca
Cushman, Robert Alden	1921 M	Ithaca
Dadmun, Louise Chase	1923 Ag	Palmyra
Dagnall, Clarence Herschel, B.S.	Grad	Fall River, Mass.
Dahl, Charles Hugo	1923 A (Chem)	Staten Island
Daily, Ray Karchmer, M.D.	Sp MD (N.Y.C.)	Houston, Texas
Dain, Bryant Depew, B.S.	Grad	Peekskill
Daley, Cecil Alexander	1924 Ag	Arlington
Dallas, William Burnside	1923 C	Haddon Heights, N. J.
Dalton, John	1922 M	Schenectady
Dalton, Philip	1924 A	Schenectady
Daly, Florence	1924 A	Stapleton
D'Ambrosi, Faust	1921 A	New York City
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
Dangerfield, Albert Neil, A.B.	Grad	Riverside, Cal.
Dangler, Alfred	1922 M	Cleveland, Ohio
Dangler, Allan Eugene	1923 M	Cleveland, Ohio
Daniels, Francis Wallin	1921 C	Ithaca
Daniels, Helen	1922 Ag	Gilbertsville
Danishefsky, David, B.S.	1923 MD (N.Y.C.)	New York City
Danko, John Vincent	1925 M	Port Chester
Dann, Walter Rowling	1923 Ag	New Haven, Conn.
Danzig, Allison	1921 A	Brooklyn
Darby, Julian Paul	1924 A	Cortland
Darby, Leslie M.	1924 Ar	Midlothian, Texas
Darling, Elliott Winchester	1925 Ar	Baltimore, Md.
Darling, Laurence LaMott	1924 Ag	Sidney
da Rosa, Antonio Rocha, B. S.	Grad	Pelotas, Brazil
Dassance, Alice Catherine	1923 A	Newfield
Dates, Hazel Adelia	1921 A	Groton
Dates, Helen Dorothy	1922 Ag	Groton
Dattelbaum, David Nathaniel	1922 A	New York City
Daugherty, Edgar Sterling, B.E.	1921 M	Crisfield, Md.
Davenport, Nellie	1922 Ag	Accord
Davidson, Charles Lykrand	1923 Ag	Sault Ste. Marie, Mich.

Davidson, Francis Harley	1924 Ag	Kenmore
Davidson, William Lucian	1923 Ag	Holland Patent
Davies, Clinton William	1923 A	Pike
Davies, Ernest William	1924 Ag	Westfield, N. J.
Davies, Horace Franklin	1922 Ag	Roselle, N. J.
Davies, William Henry	1923 Ag	Mount Vernon
Davila, Alfredo	1924 C	Bogota, Colombia
Davila, Rafael Miguel	1921 Ag	Tegucigalpa, Honduras, C. A.
Davis, Alfred Hale	1922 A	Roscoe
Davis, Benton Walter	1925 M	Cleveland, Ohio
Davis, Chester Coughran	1922 Ag	Castile
Davis, Evelyn Nancy	1922 A	Haddonfield, N. J.
Davis, Frances Esther	1923 Ag	Pitcher
Davis, Hal Robert	1924 C	Galveston, Texas
Davis, Henry Noel	1924 A	New York City
Davis, Herbert Briggs	1923 Ag	Varysburg
Davis, Irene	1921 A, 1924 MD	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	1922 A	Olean
Davis, Myron Woodward	1922 A	Des Moines, Iowa
Davis, Rowland Fenner	1921 M	Dolgeville
Davis, Samuel Elmer	1922 Ag	West Albany
Davis, Walter Alan	1924 A	New York City
Davis, William Frederick Russell	1921 L	Cayuga
Davison, Alice	1923 Ag	Lynbrook
Davison, Lester	1922 A	St. Joseph, Mo.
Davison, Robert Otis	1921 M	Bath
Davy, Armand Leon	1924 C	Ottawa, Ont., Canada
Day, Ella Jeanette	1921 Ag	Baltimore, Md.
Day, Hazel Elizabeth	1921 A	Buffalo
Deagon, Arthur	1921 C	Freeport
Dean, Adele Alice Hollis	1923 Ag	Rochester
Dean, Arthur Hobson	1921 A	Ithaca
Dean, Charles Willis, jr.	1923 M	Ridgewood, N. J.
Dean, Florence Franklin	1924 A	New York City
Dean, Marion	1921 Ag	Niagara Falls
Dean, Marjorie May	1924 Ag	Boonville
Dean, Sophronia Margaret	1923 Ag	Trumansburg
Dearth, Otto Art, B.S. in Ed.	Grad	Summerfield, Ohio
De Baun, Roger Watson	Sp Ag	Ithaca
De Camp, Clayton Earl	1923 V	Ithaca
de Castro, Anastacio Francisco, B.A.	1921 C	Manila, P. I.
Deehert, Daniel Orville, jr.	1924 A	Harrisonburg, Va.
Decker, Dwight Durand	1923 Ag	Owego
Deegan, George Edward	1923 Ag	Bristol, Conn.
Deetrick, John Ward	1923 M	Youngstown, Ohio
de Forest, Mulford David, A.B.	1921 Ag	Schenectady
de Graff, Albert Hopkins	1921 Ag	Adams Center
Deisler, Mildred Eleanor	1924 A	Brooklyn
Deitrick, Carroll Heiney	1921 M	Watsontown, Pa.
de Lancey, De Veaux	1923 A	Brandon, Vt.
de Lancey, Livingstone	1923 A	Brandon, Vt.
Delaney, Frances Mary	1922 C	Watervliet
De Lany, James Michael	1921 V	Syracuse
De Lany, Dorothy Celia	1923 Ag	Ithaca
[illegible], Helen	1923 A	Kansas City, Mo.
[illegible], Anthony James	1924 A	Elmira
De Leon, Helene Breese	1922 M	Seneca Falls
[illegible], Jacob Joseph	1924 C	New York City
del Campo, Rene Cesar	1922 M	Havana, Cuba
De Long, Homer Craig	1923 M	Trumansburg
de Marchi, Marco	1925 A	Buenos Aires, Argentina
Demerec, Milislav, Eng'r in Agr.	Grad	Krizevci, Jugo-Slavia
Deming, Elliot Humphrey	1923 A (Chem)	Middletown
Dengler, Frank George	1923 M	Lyons
Denler, Leo Nicholas	1923 Ar	Buffalo
Denneen, Edward Victor	1921 A, 1924 MD	Buffalo
Dennis, Gerald Munroe	1922 M	Chicago, Ill.
Densmore, Richard Douglass	1921 A	Erie, Pa.
Denton, Elsie Mildred	1921 A	Ithaca
Denton, Gilbert Henry, jr.	1922 A	Denver, Colo.
De Presno, Alexander Robinson	1924 M	Hudson
De Pue, Helen	1921 Ag	El Paso, Texas
De Puyt, Hazel Ewart	1923 Ag	Rochester
Derham, Enos Joseph	1924 M	Rosemont, Pa.
Derham, John Francis	1924 A	Rosemont, Pa.
Desel, Frances Barbara	1923 Ag	Chittenango
Desel, Harold Edwin	1924 A	Lewistown, Pa.

Devenbeck, Floyd Cornelius	1921 M	Herkimer
Devereaux, Alfred Boyce	1925 M	Oneida
Dewar, Bennett White, M.D.	Sp MD (N.Y.C.)	Cooperstown
Dewar, Joseph Kyle	1922 A	Bellevue, Pa.
Dewey, Doris Bell	1922 A	Castile
Dewey, Jean Christine	1924 A	Castile
De Witt, Charles Van Ness	1925 M	Wallkill
De Wolfe, Rachel Elizabeth	1921 Ar	Garnett, Kansas
Dexter, Milton Gregory	1924 M	Pawtucket, R. I.
Deylen, Sophie Marie	1921 A	Brooklyn
Diamant, Gertrude	1923 A	New York City
Diamond, Joseph Henry, A.B.	1922 MD (N.Y.C.)	New Brighton
Diamond, Walter James	1925 C	Wilkinsburg, Pa.
Dicianni, Leo James	1922 M	Buffalo
Dick, Michael	1921 A	New York City
Dicker, Martin	1925 A	Ithaca
Dickinson, Dorothea Claire	1923 Ar	Ithaca
Dickinson, John LeRoy, jr.	1921 Ag	Hudson Falls
Dickson, Charles Keith	1922 A	Montclair, N. J.
Dickson, Frank, B.A.	Grad	Ithaca
Dickson, Marjorie Isabel	1923 A	Bovina Center
Dieckmann, Johanna Mary	1921 A, 1924 MD	Buffalo
Diehl, Edward Peter	1923 C	New York City
Diethrich, Thurman Clarence	1924 Ag	Bloomdale, Ohio
Dietz, Sherlock Melvin, B.S. in Agr., M.S.	Grad	Ithaca
Dietze, Charlotte Amy, A.B.	Grad	New Orleans, La.
Dietzen, Hugh Nicholas	1921 Ag	Dunkirk
Di Iorio, Benjamin Victor	1924 A	Utica
Dikeman, Raymond Charles	1921 Ag, Grad	Forestville
Dinge, Ferdinand Charles	1921 Ag	Albion
Dingle, Della Sara	1922 A	Burlington, Ont., Canada
Disbrow, Jayne	1921 A, Grad	Norwalk, Conn.
Ditchek, David Nathan	1924 V	Brooklyn
Dittmar, Clarence Conrad	1924 M	Struthers, Ohio
Dobert, Vera	1924 Ag	Highland
Dobroscky, Irene Dorothy	1923 Ag	Yonkers
Dockerill, Walter John	1921 Ag	New York City
Dodge, Loren Newell	1921 V	Ithaca
Dodge, Stephen Webster	1924 A (Chem)	Brooklyn
Dodge, Wilson Shannon	1922 M	Cleveland, Ohio
Dodson, Allan Frost	1924 M	Buffalo
Doelling, Klaus Walter	1923 Ag	New Rochelle
Dohring, Ferdinand William	1924 M	Gasport
Doig, Russell Irving	1923 Ag	Walton
Dollbaum, Henry Joseph	1923 M	Stonington, Conn.
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
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, Harry Joseph	1921 Ag	New York City
Doppel, Alfred Arthur	1924 Ag	Brooklyn
Doremus, Burton Terhune	1923 M	Red Bank, N. J.
Doremus, Thomas Peter	1922 A	Red Bank, N. J.
Dorr, Eleanor McElroy	1922 A	Ithaca
Dorr, Irwina Read	1924 A	Ithaca
Dorrance, Samuel B.	Sp Ag	Holcomb
Dorsey, Ernest, B.Sc.	Grad	Dresden, Ohio
Dorsey, Jerry Spires	1921 A	Hico, Texas
Dorskind, Herman	1924 M	Brooklyn
Doss, Nancy Elizabeth	1922 A	Shelbyville, Ky.
Doty, Elizabeth Martha	1923 A	Ironton, Ohio
Dougan, William Rolland	1922 A (Chem)	New York City
Douglas, John Arthur	1923 Ar	Ithaca
Douglass, William Boone, jr.	1922 A	Washington, D. C.
Douque, Lois Antoinette	1924 Ag	Herkimer
Dow, Lafayette Francis, A.B.	Grad	South Paris, Me.
Dow, Raymond	1925 C	New York City
Dowd, John Donald, A.B.	1921 L	Salamanca
Downey, John Charles	1921 A (Chem)	Corry, Pa.
Downs, Ernest Waldo	1923 C	Danbury, Conn.
Downs, Paul Andrew, M.S.	Grad	Waterbury, Conn.
Downs, Sewell Henry	1922 M	Riverhead
Doyle, Elizabeth Anna	1924 Ag	Auburn
Drabkin, David Lion, A.B.	1924 MD (N.Y.C.)	New York City
Drago, Louis, A.B.	1922 L	Brooklyn
Drake, Eugene Tolman	1921 Ag	Auburn
Drake, Kathryn	1924 A	Bethlehem, Pa.

Drake, Paul Woodhull	1921 Ar	Morristown, N. J.
Dredla, Frank James	1924 C	Crete, Nebr.
Dresser, James Leland	1924 M	Spencer
Drew, Marion Ruth	1923 Ag	Tupper Lake
Drucker, Fannie Dollinger	1923 A	New York City
Druckerman, George Jacob	1923 Ag	Brooklyn
Dryden, George Eastman	1924 A (Chem)	Evanston, Ill.
Duboe-Carlos, Hector	1923 E	La Plata, Argentina
Duchesne, A. Margaret Mendenhall	1923 A	Sandusky
Duddy, Katharine	1921 Ag	Newark, N. J.
Dudley, Alice Amelia	1923 A	Bath
Dudley, Harold Jenkins	1922 C	Silver Creek
Duffies, Edward Lowe	1921 C	Washington, D. C.
Duffy, Laura Alice	1924 Ag	Olean
Duley, Wade	1923 A	Port Jervis
Du Mond, Frank Lee, B.S.	Grad	Kingston
Du Mond, Marion	1925 Ag	Kingston
Dun, John	1924 M	Dayton, Ohio
Dunbar, Alfred William	1924 A	Gasport
Dunbar, Clarence William	1921 Ar	Cleveland, Ohio
Duncan, Albert Stanley	1922 M	Brooklyn
Duncan, William McKinley, jr.	1924 A	Cleveland, Ohio
Dunckel, Ralph Lewis	1924 M	Fort Plain
Dunham, George Shellabarger	1922 M	Oak Park, Ill.
Dunham, Norma Helen	1921 Ag	Liverpool
Dunlap, Boyce, Ph.B.	Sp Ag	New York City
Dunleavy, Joseph Dewey	1921 M	Denver, Colo.
Dunnington, John Hughes, M.D.	Sp MD	New York City
Dunovant, Robert Gill Mills, A.B.	1924 MD (N.Y.C.)	Edgefield, S. C.
Dunphy, Fabian, A.B.	1924 MD (N.Y.C.)	Newport, R. I.
Durand, Anna Perry	1923 Ag	St. Paul, Minn.
Durkee, John Gordon	1922 Ag	Clinton
Durland, George Reeve	1923 A	Goshen
Duryea, Garrett De Nyse	1921 A, 1924 MD	Brooklyn
Duryea, Hewlett Hoffman	1924 M	White Plains
Duryea, Leslie Noyes	1922 M	Auburn
Dye, Harold Galpin	1922 Ag	Rochester
Dyett, Edmond Granger	1923 A	Buffalo
Earl, Robert, jr.	1923 M	Herkimer
Eason, Norman Henry	1923 Ag	Schuyler Lake
Eastlack, Joseph O'Leon	1922 Ag	Woodbury Heights, N. J.
Eastman, Roger	1921 Ar	Orange, N. J.
Eaton, Mildred Estabrook	1922 A	Nyack
Eaton, Rodney Chapin	1923 Ag	Nyack
Ebersole, Harold Leon	1923 A	Montclair, N. J.
Ebersole, Raymond Arthur	1923 Ag	Montclair, N. J.
Eckerson, Harold Irving	1922 M	Akron
Ecks, Beatrice Louise	1924 A	New York City
Eddy, Allerton	1921 C	Canaan, Conn.
Eddy, John Lindley, jr.	1925 M	Ridgewood, N. J.
Eddy, Laurence Wilson	1922 M	Bridgeport, Conn.
Edmonds, Eleanor Margaret	1921 A	White Plains
Edmonds, John Franklin, jr.	1923 M	Pittsburgh, Pa.
Edsell, Elizabeth Ada	1922 A	Cedarhurst
Edwards, Arthur Robinson	1922 A	Marysville, Ohio
Edwards, Harold Bostwick	1923 L	Utica
Edwards, James David, M.D.	Sp MD (N.Y.C.)	St. Louis, Mo.
Edwards, Leonard Joseph	1924 A (Chem)	Moravia
Egan, Burton Wright, M.D.	Sp MD (N.Y.C.)	Logansport, Ind.
Egbert, Norman Lyle	1924 M	South Lansing
Egeberg, Roger Olaf	1924 M	Gary, Ind.
Eidam, Bernhard Zorn	1923 Ag	Tompkinsville
Eidt, George Dewey	1921 M	New York City
Eisenberg, Helen	1923 A	Corona
Eisentrager, Emil Henry	1924 Ag	New York City
Eisner, Arthur	1923 M	Trenton, N. J.
Eldredge, Delmer Cornelius	1924 Ag	Omaha, Nebr.
Eldredge, Esther	1924 A	Melrose, Mass.
Elkan, Stanley Abe	1922 C	Macon, Ga.
Elliott, Charles Alexander	1924 M	Jackson, Tenn.
Elliott, Irving Miller	1921 M	Baltimore, Md.
Elliott, William Perry, A.B.	1923 MD (N.Y.C.)	New Berlin
Ellis, Harold Montague	1924 A (Chem)	Long Island City
Ellis, Howard Charles	1923 A (Chem)	Waverly
Ellis, William Douglas	1921 M	Atlanta, Ga.
Ellison, John Franklin	1924 Ag	Corning
Ellison, Lillian Katherine, A.A.	1921 A	Williamsburg, Ky.
Ellsworth, Frank Harold	1922 A	Pittsfield, Mass.
Elmer, Clement Vose	1924 Ag	New Brighton
Elmhirst, Leonard Knight, M.A.	1921 Ag	Elmhirst, Barnsley, England

Elmore, Earle Phillips	Sp Ag		Oneonta
Elson, John James	1922	A	Tonawanda
Elwood, Willis Henry	1922	M	Lockport
Embich, Lee Durstine	1925	C	Indianapolis, Ind.
Embrey, James Lindsay	1923	L	Gainesville, Texas
Emerick, Arthur Hill	1924	Ar	Syracuse
Emerson, Alfred Edward, B.S., M.A.	Grad		New York City
Emerson, James Strohm	1924	M	Forest Hills
Emerson, Sterling Howard	1922	Ag	Ithaca
Emerson, Willard Ingham, W.A.*	1921	A	New York City
Emery, Robert Lee, jr.	1922	A	New Orleans, La.
Emery, Stephen Albert	1923	A	Brooklyn
Emery, William Thalheimer	1922	A	Brooklyn
Engle, Eldon B., A.B.	Grad		Morrill, Kansas
English, Charles Carman	1923	M	Pueblo, Colo.
English, Mary Frances	1924	A	Easton, Pa.
Enos, Everett Emerson	1922	A (Chem)	Gouverneur
Enos, Merton Wilfred	1922	A	Batavia
Ensign, James Lee	1921	Ag	Rossville, Ga.
Ensor, John Stokes, jr.	1923	M	Washington, D. C.
Epstein, Abram Abner	1924	Ag	Brooklyn
Epstein, Harold	1921	A	Brooklyn
Epstein, Haskel	1922	M	Brooklyn
Epstein, Jacob	1924	A	Brooklyn
Epstein, Mildred Helen	1922	A	Elmira
Erickson, Eric Sigfrid	1921	A	Brooklyn
Ernst, Elsa Sophia	1922	Ag	New York City
Erskine, Alice Hill	1921	A	New Brighton
Ertman, Vincent Albert	1921	Ar	Herkimer
Erwin, Kenneth McKay	1923	Ar	Addison
Eschweiler, Theodore Lincoln	1921	Ar	Milwaukee, Wis.
Eskesen, Aslag Hallum	1923	A	Westfield, N. J.
Esquivel, Prudencio Frias, B.S.C.E.	Grad		Jaen, Nueva Ecija, P. I.
Esterbrook, Richard Andrews	1923	M	Cleveland, Ohio
Estill, Richard Slagle	1924	C	Shawnee, Okla.
Etzkowitz, Jennie Grace	1921	Ag	New York City
Eustance, Harry Winfield	1925	C	Batavia
Evans, Anne Elizabeth	1924	A	Conklin
Evans, Asher Ward	1921	Ag	Newark Valley
Evans, Bruce Balfour	1924	A	Wichita, Kansas
Evans, Frederick Stokes	1922	C	Philadelphia, Pa.
Evans, Gwendolin Harriet	1922	A	New York City
Evans, Jennette, B.S.	1922	MD (N.Y.C.)	Crestwood
Evans, John Richard	1922	A	Blossburg, Pa.
Evans, Lewis C.	1924	L	Helena, Mont.
Evans, Mildred Olive	1924	Ag	Niagara Falls
Evans, Robert Langworthy	1925	Ag	Westfield, N. J.
Evans, William Harold	1922	C	Rome
Everett, Julian Gallup	1925	Ar	Auburn
Everett, Oliver Elmore	1921	Ag	Nichols
Everitt, William Littell	1921	M	Ossining
Everitt, William Wilson	1922	M	West Haven, Conn.
Everts, Frank Orthwein	1921	M	Coronado, Cal.
Everts, Herman Price	1923	Ag	Auburn
Ewald, Henry, jr.	1921	L	Jersey City, N. J.
Ewald, Walter August Julius	1922	Ag	Utica
Exo, Arnold Henry	1924	Ag	Spencer
Ey, Lily	1924	Ag	Woodside
Eyre, Francis Howlett	1922	Ag	Little Valley
Eyster, Lewis Arthur, A.B., M.S. in Agr.	Grad		Fisher's Ferry, Pa.
Fabel, Donald Criston	1921	A	Cleveland, Ohio
Faber, Addie Guidlise	1924	Ag	Ithaca
Fabianski, Edward Sydney	1922	A	Buffalo
Facius, Elizabeth Fredericka	1925	A	Pittsburgh, Pa.
Fagundes, Nestor Barcellos, B.S.	Grad		Pelotas, Rio Grande do Sul, Brazil
Fahl, Stella Reed	1922	Ag	Reading, Pa.
Fairbanks, Andrew Jason	1924	M	Watertown
Fairchild, Frank Earle	1921	M	Brooklyn
Fairfax, Charles Crittenden	1921	M	Geneva
Fairfax, Thomas Russell	1924	M	Geneva
Falconer, Frank Miller	1922	A	Jamestown
Falk, William Louis	1925	Ag	New York City
Famaberia, Yefim Iosifovitch	1921	Ag	Brest-Litovsk, Russia
Fancher, Harry Simon	1925	M	Montrose, Pa.
Fang, I. Pu	1923	C	Peking, China
Fanning, Grace Kathryn	1921	A	Oswego
Faris, Frederic	1923	Ar	Wheeling, W. Va.
Farley, Edward John	1923	A	New York City

*War Alumnus.

Farley, Theodore Sumner	1921 M	Ithaca
Farnham, Irving Tupper	1924 A	West Newton, Mass.
Farnham, Richard Hayles	1923 Ag	Ithaca
Farnham, William Hursh, A.B.	1922 L	Buffalo
Farnsworth, Harold DeForest	Sp Ag	Marion
Farr, Archie Keith	1921 A	Northville
Farr, Walter John	1922 A	Hoboken, N. J.
Farrell, Peter Thomas	1922 A	Corona
Fates, Hugh Lea	1924 A	Orange, N. J.
Faulhaber, Malcolm	1923 Ar	Ithaca
Fausner, Howard Arthur	1925 M	New York City
Faust, Clarence Charles	1923 M	Buffalo
Fayer, Julia	1922 M	Flushing
Fearing, Ashton Cushing	1921 Ag	New Rochelle
Fearnside, Robert Lehmann	1924 M	Bowling Green, Ohio
Feehan, Hugh Vincent	1921 Ag	Ithaca
Fein, Bernard Samuel, A.B.	1924 MD (N.Y.C.)	Newark, N. J.
Fein, Morris	1922 M	Brooklyn
Feinson, Samuel Henry	1922 C	Brooklyn
Feinstein, William	1924 A	Newark, N. J.
Feitelberg, Abraham, A.B.	1923 MD (N.Y.C.)	New York City
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, 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 M	Dunkirk
Felton, Lester Mahan, B.S.	1922 MD (N.Y.C.)	Worcester, Mass.
Fenigston, Sylvia Constance	1923 A	Mount Vernon
Fenn, Elizabeth	1923 Ag	Aurora
Fenner, Gertrude Southworth	1922 A	Holley
Fenner, Kathryn Louise	1924 A	Dolgeville
Fenner, Lawrence Myron, B.Sc.Agr.	Grad	Tippecanoe City, Ohio
Fenton, Lucius Barzillai	1922 Ag	Nunda
Ferguson, Kenneth Griffith Sibley	1924 M	Elmira
Ferguson, Silas Nahum	1924 Ag	Malone
Fernald, Evelyn Ida, M.A.	Grad	West Groton, Mass.
Fernow, Karl Hermann, B.S.	Grad	Ithaca
Ferrand, Elsie Margaret, A.B.	Grad	Gardenville
Ferrell, George Albert	1925 M	Binghamton
Ferree, Walter Dean, jr.	1921 A	Ridgewood, N. J.
Ferris, Harold	1924 M	Rhinebeck
Ferris, Seymour Washington	1922 A (Chem)	Springfield, Mass
Fertel, Arthur	1921 C	Brooklyn
Fichandler, Carl	1923 A (Chem)	Brooklyn
Fiedler, George Henry	1921 M	Rochester
Field, Hal Wilson	1924 Ag	Newman, Georgia
Field, Robert Stephen	1924 C	Wayne, Pa.
Fillius, Maurice Wilberger	1924 C	Washington, D. C.
Finch, Myron Whitmarsh, M.S.	Grad	Geneva
Fine, Abraham, A.B.	1922 MD (N.Y.C.)	Brooklyn
Finegold, Benjamin	1924 A	Buffalo
Fingado, Gustav Albert	1921 M	Staten Island
Finkelstein, Alfred Lewis	1921 L	Waterbury, Conn.
Finkelstein, Henry Leon	1922 L	Ithaca
Finn, Thomas David, jr.	1922 C	Exeter, N. H.
Finney, Ronald Tucker	1921 A	Emporia, Kansas
Firket, Guillaume Christian, C.E.	Grad	Liege, Belgium
Firneno, Jacob Robert	1923 A	Brooklyn
Fisch, Samuel Thomas	1921 Ag	Corona
Fischer, Alfred Elias, A.B.	1923 MD (N.Y.C.)	New York City
Fischer, Dorothy Ottiwell	1924 A	Brooklyn
Fischer, Jean Anna	1921 A	Aspinwall, Pa.
Fischer, Morton	1924 A	Albany
Fish, Margaret Arethusa	1923 A	Ithaca
Fish, Marion	1923 Ag	Rochester
Fish, Milton Hart	1923 Ag	Dundee
Fishbein, Joseph	1925 A	New York City
Fishberg, Ella Harriet, B.A.	1924 MD (N.Y.C.)	New York City
Fisher, Charles Arthur	1922 Ag	Brooklyn
Fisher, Charles Desiderius	Sp Ag	Ithaca
Fisher, Elbert Russell	1922 A	Mt. Tabor, N. J.
Fisher, Henry Clayton	1924 M	Pittsburgh, Pa.
Fisher, John Crocker	1922 Ag	Ithaca
Fisher, Julia Gertrude	1922 A	Clayville
Fisher, Leicester Wright	1921 A	Huguenot Park
Fisher, Mary Jones, A.M.	Grad	Ithaca
Fisher, Robert Bradley	1922 M	Ithaca

Fisher, Roy Marshall, A.B.	Grad	New Salem, Mass.
Fisher, Ruth Genevieve	1924 A	Batavia
Fiske, Charles Stewart	1921 M	Baltimore, Md.
Fiske, Frederick Ebell, A.B.	Grad	Ithaca
Fitch, Harold Wakefield, B.S.	Grad	Delmar
Fitch, Lewis Elmer	1922 Ag	Windsor, Vt.
Fitts, Kenneth Linton	1923 M	Ardmore, Pa.
Fitzgerald, Edward Marcus	1923 M	Minden, La.
Fitzpatrick, Paul Early	1921 C	Buffalo
Fix, Frederick William, jr.	1923 M	Chicago, Ill.
Flagg, Alfred Glennon, A.B.	1923 MD (N.Y.C.)	Worcester, Mass.
Flannagan, Elise Govan	1924 A	Richmond, Va.
Flautt, John Solon	1922 M	Aurora, Mo.
Fleckenstein, Raymond Herbert	1922 A (Chem)	Ellenville
Fleet, Florence Perrott	1921 A	Huntington
Fleischmann, Julian Ralph	1923 M	New York City
Fleming, Grace Elizabeth	Sp Ag	Chilson
Fleming, John Joseph, jr.	1923 C	Burlington, Iowa
Fleming, John Rimer	1922 Ag	Brooklyn
Fletcher, Charles Henry	1922 A (Chem)	Lyndham, Paget West, Bermuda
Fletcher, David Owen	1923 Ag	Ithaca
Fletcher, Gordon Forbes Ashton	1924 M	New York City
Flick, Miriam Hilliard	1924 Ar	Dayton, Ohio
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 (Chem)	New Milford, Pa.
Flynn, Furlonge Harold	1924 M	Waterford
Flynn, Paul Eugene	1925 M	Waverly
Fog, Constance Elisabeth	Sp Ag	Copenhagen, Denmark
Fohl, Charles Taylor	1924 C	Pittsburgh, Pa.
Folks, Evelyn Esther	1923 A	Yonkers
Folsom, Edwin Wilson	1924 M	Indianapolis, Ind.
Fonda, John Sutliff	1922 A (Chem)	Johnstown
Foord, Bertha Carter	Sp Ag	Cazenovia
Foote, Eleanor Margaret	1921 A	Lockport
Foote, Howard John	1923 V	Yonkers
Foote, Hubert Gerald	1924 Ag	Brooklyn
Foote, Leonard	1921 M	Pedro Miguel, Canal Zone
Foote, Orlando Bailey, jr.	1922 Ag	Hobart
Forbes, Wilbur Jameson	1921 Ag	Colebrook
Forbing, Mary Josephine	1924 A	Ithaca
Forbush, Sanford Werner, M.D.	Sp MD (N.Y.C.)	Orfordville, Wis.
Force, Albert William	1921 Ag	Ithaca
Ford, Caroll Willis	1924 M	Syracuse
Ford, David Cooley	1921 A	Ashtabula, Ohio
Ford, Harold Willis	1923 M	Belleville, N. J.
Ford, Raymond Oakley	1923 M	East Orange, N. J.
Formanns, Ernest August	1923 M	Paterson, N. J.
Forschmiedt, Rachmiel	1924 Ag	Brooklyn
Forster, Murrill Hamilton	1921 C	Buffalo
Fort, Robert Edwin	1924 M	Niagara Falls
Foster, Adriance Sherwood	1923 Ag	Elizabeth, N. J.
Foster, Dudley Edwards	1922 M	Morristown, N. J.
Foster, Florence Jane	1923 Ag	Homer
Foster, Fordyce Laurence	1924 Ag	Hammondsport
Foster, Hodgen Torrey	1922 M	Utica
Foster, Samuel Merrill, B.A.	1922 Ag	Canton
Fowler, Agnes	1921 Ag	Hempstead
Fowler, Gethin Thomas	1922 L	Salt Lake City, Utah
Fowler, Grace Alice	1925 Ag	Wyoming, Pa.
Fowler, Raymond Groshon	1924 M	St. Louis, Mo.
Fowler, Roland George	1923 M	Ithaca
Fox, Charles Edward	1925 M	Renovo, Pa.
Fox, Elizabeth Pleasants	1924 A	Cynwyd, Pa.
Fox, Harry Gustave	1923 A	Geneva
Fox, Sarah	1923 Ag	New York City
Fox, Theresa Anne	1921 A	Buffalo
Fraats, Helen Maisie	1921 Ag	Sharon Springs
Fraleigh, Percy Austin, A.M.	Grad	Poughkeepsie
France, Edwin Ainsworth	1923 M	Philadelphia, Pa.
France, Morris Giles	1922 V	Seward
Francis, Howard Nelson	1922 L	Syracuse
Francis, James Franklin	1922 M	Shamokin, Pa.
Franco, 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.
Frank, Louis	1921 A	New York City
Frankel, Robert Ralph	1925 C	New York City

Frankel, Sidney	1924 A	Rochester
Frantz, Carlton Stowell	1924 A	Alden
Frantz, Donald Herr	1924 Ag	Lutherville, Md.
Franz, Paul Justus	1923 C	Philadelphia, Pa.
Fraser, George, B.S. in Arch.	Grad	St. Paul, Minn.
Fratt, Nicholas Diller	Sp A	Everett, Wash.
Frazer, Allan Howard	1924 M	Detroit, Mich.
Freeman, Eileen Nannie	1923 Ag	South Orange, N. J.
Freeman, Ralph Francis	1921 M	Mendham, N. J.
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
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	Ashville, N. C.
French, Dorothy Chandler	1922 Ar	New York City
French, Fanny Eliza	1924 Ag	Cuba
French, Katherine Bennett	1922 Ar	Ypsilanti, Mich.
French, Lewis Miller	1921 Ag	New Orleans, La.
French, Walter Hoyt, A.B.	Grad	Oak Park, Ill.
Freston, Julian Maxwell	1921 A, 1924 MD	Highland
Fretz, Barbara Catharine	1923 A	Easton, Pa.
Frey, John Jacob	1924 A	Hammondsport
Friedlich, Robert Emanuel	1921 A	Rochester
Friedman, Bernard	1923 A	Elmira
Friedman, Dorothy Brooks	1924 A	Brooklyn
Friedman, Eli Maurice, A.B.	1924 MD (N.Y.C.)	Massena
Friedman, Herbert, B.S.	Grad	Brooklyn
Friedman, Julius Leo	1922 Ag	Brooklyn
Friedman, Miriam	1922 A	New York City
Friedman, Sidney	1922 MD (N.Y.C.)	New York City
Friedman, William Edward	1921 A (Chem)	Brooklyn
Fries, James Brown	1924 Ag	Clifton Springs
Fries, Madeline, A.B.	1921 MD (N.Y.C.)	Brooklyn
Fritz, Horace Harper, jr.	1921 A	Philadelphia, Pa.
Frolichstein, Leona	1922 A	New York City
Fronda, Francisco Mamaclay, B. Agr., M.S.	Grad	Aliaga, Nueva Ecija, P. I.
Froomess, Sara Aurelia, B.A.	1923 MD (N.Y.C.)	Elizabeth, N. J.
Frost, Carroll Judd	1924 Ag	Nineveh
Frost, Harry Bell, jr.	1923 M	Wyckoff, N. J.
Frost, Russell Welland	1923 A	Hamilton, Ont., Canada
Fruit, Ray William	1924 A	Boise, Idaho
Fry, Miles William	1921 Ag	Ephrata, Pa.
Frye, James Blaine	1922 A (Chem)	Gouverneur
Fryer, George von Albade	1923 A	Syracuse
Fuchs, William	1922 A	New York City
Fulford, Russell	1924 A (Chem)	Sayre, Pa.
Fuller, Andrew James	1923 M	Herkimer
Fuller, Avery Edward	1922 C	Holley
Fuller, Howard Charles	1923 M	New Hartford
Fuller, James Weast	1921 V, Grad	Springville
Fuller, Roscoe Hodges	1924 M	Newton, Mass.
Fuller, William Harrison, jr.	1923 M	Silver Creek
Fulton, Elizabeth Mills, A.B.	1921 MD (N.Y.C.)	Massena
Funnell, Bertha Hewett	1922 A	Huntington
Furlong, Ruth Earll	1923 A	Auburndale, Mass.
Furness, Richard Galey	1924 M	Evanston, Ill.
Furnseth, Ingrid	1923 A	Rasten Station, Norway
Furst, Harold Landry	1923 C	Baltimore, Md.
Gabriel, Harry, S., M.S.	Grad	Watkins
Gaffney, Bernard Francis	1925 M	New York City
Gahan, Emanuel	1923 A	New York City
Galbreath, Mitchell Tifft	1923 A	Brooklyn
Gale, William McClure	1922 M	Riverdale-on-Hudson
Gallagher, Dean Hasbrouch	1921 M	Syracuse
Gallant, Kenneth Asher	1924 Ag	Cato
Galley, Walter Henry	1923 L	Jersey City, N. J.
Gallivan, Peter Coleman	1922 M	Buffalo
Gallman, Waldemar John	1921 A	Wellsville
Gallup, Theodore, A.B.	1923 MD (N.Y.C.)	Cassville
Gama, Gumercindo	1924 Ag	New York City
Gamble, Dean LaFever, B.S.	Grad	Ithaca
Gans, Carl Hamann	1922 A	High Bridge, N. J.
Gantz, Sophia Rebecca	1924 A	Albion
Garabedian, Vartan	1921 Ag	Bashkale, Van, Armenia
Garcia, Raimundo	1923 A	Yabucoa, P. R.
Gardas, Nelson Barker	1922 M	St. Louis, Mo.
Gardiner, Elizabeth Beatrice	1924 A	Brooklyn
Gardiner, 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.
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.
Garside, Charles	1921	L	Meriden, Conn.
Gaskill, Gussie Esther	Grad		Lawrence, Kansas
Gately, Lewis Brown	1922	M	Brooklyn
Gates, Catherine Maria	1922	A	Oneonta
Gates, Donald Edson	1923	M	Washington, D. C.
Gates, Edward Crossett	1921	M	Crossett, Ark.
Gates, Ralph Grant	1925	M	Oshkosh, Wis.
Gates, Roger Higbee	1923	M	Washington, D. C.
Gaty, John Pomeroy	1923	M	Morristown, N. J.
Gaty, Lewis Rumsey	1923	M	Morristown, N. J.
Gauntt, Edwin Amor	1923	A	Jobstown, N. J.
Gause, Angie Leah	1922	Ag	Ithaca
Gavin, Helen, M.A.	1922	MD (N.Y.C.)	New York City
Gawne, Spenser Stranahan	1921	A	Cleveland, Ohio
Gebhart, Willard Benton	1924	Ag	Hart, Mich.
Geer, Laura Loretta	1923	A	Marathon
Geertz, Allan Ormsbee	1922	M	Montclair, N. J.
Geertz, Eric	1923	M	Montclair, N. J.
Gehring, William Henry Charles	1923	M	Honolulu, Hawaii
Geibel, Victor Budd	1921	A	Greenwich, Conn.
Gelman, Louis Irving	1924	A	Brooklyn
Gennis, Esther Jeanne	1924	Ag	Dolgeville
Gennis, Milton H.	1921	A	Dolgeville
Genung, Freda Ames	1921	Ag	Ithaca
Geoghegan, Charles William	1925	M	New Rochelle
George, Eleanor Miller	1921	Ag	Freeville
George, Mary Beatrice	1923	Ag	Ithaca
Georgia, Frederick Raymond, B.Chem.	Grad		Ithaca
Gephart, John Richard	1924	M	York, Pa.
Gerber, Charles	1924	A (Chem)	Hazleton, Pa.
Gerbereux, Eugene Wilson	1924	M	Yonkers
Gerbereux, Vincent de Paul	1924	M	Yonkers
German, Louis	1925	A	Brooklyn
Germer, Alan	1922	A	New York City
Gerould, Walter Blakesley	1921	A	Evanston, Ill.
Gerow, Lilian Frances	1921	A	Boston, Mass.
Gerry, Elbridge Erly	1924	A	Pelham
Gerry, Harvey Spalding	1924	A	Washington, D. C.
Gershberg, Benjamin	1921	A, 1924 MD (N.Y.C.)	Newark, N. J.
Gershel, George Falk	1921	A	New York City
Gersten, Joseph Harry	1925	M	New York City
Gervais, Paul Trapier	1924	M	Oak Park, Ill.
Gibb, Alice Stearns, A.B.	1924	MD (N.Y.C.)	New York City
Gibb, Mary Murison	1922	Ar	Ithaca
Gibbs, Marian Esther	1923	Ag	Homer
Gibbs, Roy Delbert	1922	Ag	Ellenburg Depot
Giddings, Edward Burr	1922	Ag	Baldwinsville
Giesler, Helen Mildred	1921	Ag	Washington, D. C.
Gifford, Adele Badgley	1923	A	Newark, N. J.
Gifford, Daniel Wenzell	1924	C	St. Louis, Mo.
Gifford, Harold Benedict	1921	Ag	Gloversville
Gilbert, Edward Strong	1924	A	Albany
Gilfillan, Robert Landon	1923	C	Memphis, Tenn.
Gill, Edith Adele	1923	A	Philadelphia, Pa.
Gill, Nellie Frances	1922	A	Scranton, Pa.
Gill, Richard Cochran	1924	A	Washington, D. C.
Gillan, Paul LaVerne	1923	M	Waverly
Gillespie, Louis Frank	1922	A	Springfield, Ill.
Gillett, Maurice Edwin	1921	C	Niagara Falls
Gillett, Rika Miriam	1925	Ag	Colden
Gillette, Guy Raymond	1923	A (Chem)	Oil City, Pa.
Gillette, Kenneth Gordon	1921	M	Grahamsville
Gillette, Paul	1921	A, Grad	Ithaca
Gillies, George Matthew	1922	M	Elizabeth, 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
Gilmore, John Elton	1923	Ag	Holcomb
Gilson, Richard Lee	1924	Ar	Niskayuna
Ginsberg, Diana Lucy	1922	A	Brooklyn
Ginsberg, Harry	1923	A	Brooklyn

Ginsberg, Edward Hill	1924 A	New York City
Giovinco, Joseph Bivona, A.B.	1923 MD (N.Y.C.)	Brooklyn
Girard, Peter Fred, jr.	1922 C	Rochester
Giusti, Frank Louis	1922 L	Bayside
Givan, Henry Clay, jr.	1924 Ag	Nashville, Tenn.
Glaser, Jerome, A.B.	1923 MD (N.Y.C.)	Sayre, Pa.
Glaser, Sidney Udell	1924 M	Sayre, Pa.
Glasier, Helen Hawley	1921 Ag	Warsaw
Glasier, Mark Hillister	1924 Ag	West Pawlet, Vt.
Glass, Robert Ernest	1925 M	Westfield, N. J.
Glasser, Frank Barnett	1924 Ag	New York City
Glathe, Henry Bernhard	1922 A	Delicias, Cuba
Gleason, Charles Richard	1923 A	Van Wert, Ohio
Glenn, Samuel	1921 V	Utica
Glick, Bernard	1924 A	Lyndhurst, N. J.
Globus, Isabel, A.B.	1923 MD (N.Y.C.)	Brooklyn
Goar, Everett Logan, A.B., M.D.	Sp MD (N.Y.C.)	Houston, Texas
Goddard, James Eugene	1923 A	East Rochester
Godfrey, Lydia Lorinda	1921 A	Trumansburg
Godley, Henry	1924 M	Wallingford, Pa.
Goeller, Charles Lewis	1925 Ar	Newark, N. J.
Goeller, Jacob	1922 MD (N.Y.C.)	Irvington
Goetz, Emily	1924 A	Philadelphia, Pa.
Goetz, William Palmer	1922 Ag	Lancaster
Goff, Edith Adelaide	1922 Ag	Ithaca
Gohr, William Davis	1923 A	Cleveland, Ohio
Gold, Abraham Erwin	1923 A	Plattsburgh
Gold, Harry, A.B.	1922 MD (N.Y.C.)	Schenectady
Gold, Jacob Lewis	1923 A	Brooklyn
Goldberg, Emil	1921 A	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
Goldin, Robert	1924 Ag	Brooklyn
Goldklang, Bernard David	1923 A (Chem)	New York City
Goldowitz, George	1922 A	Port Chester
Goldsmith, Harold Ellsworth	1922 A (Chem)	Ithaca
Goldsmith, Norris Whitney	1924 A	Nyack
Goldsmith, Solomon Sidney	1924 A	New York City
Goldstein, Gertrude Evelyn	1925 A	Far Rockaway
Goldstein, Lemuel Caro, A.B.	1921 MD (N.Y.C.)	New York City
Goldstein, Louis Harold	1925 A	New York City
Goldstein, Sidney Arthur	1924 A	Brooklyn
Goldstein, William	1922 M	Brooklyn
Goltz, Anita Marie	1924 A	Buffalo
Goltz, Hilda Lee	1921 Ag	Buffalo
Goltz, Roy Luther	1923 M	Chicago, Ill.
Gonzalez, Pedro	1924 E	Las Palmas, Spain
Goodale, Edgar Clement	1923 M	Riverhead
Goodman, Esther	1924 A	Jersey City, N. J.
Goodman, Lewis Oswald	1925 M	Jeffersonville
Goodman, Reina	1923 Ag	Jersey City, N. J.
Goodnow, George Nichols	1922 A, 1924 M	Highland Park, Ill.
Gooen, Samuel Hyman	1923 M	Newark, N. J.
Gordon, Alexander	1921 Ag	New York City
Gordon, Edwin Andrews	1922 Ag	Rochester
Gordon, Myron Alexander	1921 A	Sharon Springs
Gorleri, Florentino, jr., B.A.	1923 M	Buenos Aires, Argentina
Gorman, Clarence John	1921 L	Pulaski
Gotthoffer, Nathan	1922 A (Chem)	New York City
Gottschalk, Louis, M.A.	Grad	Brooklyn
Gouinlock, Edward Vernon	1923 M	Warsaw
Gould, DeWitt Clinton	1921 Ag	Newark
Gould, George Tyzzer	1925 M	Quincy, Mass.
Gould, John Henry	1925 Ag	Port Washington
Gould, Sidney Dean	1923 Ag	Freeport
Gove, Richard Everest, A.B.	1923 MD (N.Y.C.)	Peru
Grace, Harry Francis	1924 A (Chem)	Hornell
Graef, Irving Philip	1923 A	New York City
Graeser, Albert Clarence	1921 Ar	Charlestown, S. C.
Graham, David Roberts	1925 M	Lowville
Graham, Vi Arvin, A.M.	Grad	Richmond, Va.
Grannis, Harriet Grosvenor	1922 Ag	Muncy, Pa.
Grant, George Curtis	1924 A	Akron, Ohio
Grant, Robert, jr.	1923 M	Brookline, Mass.
Grant, Wilbur Franklin	1921 V	Ithaca
Granzella, Caesar Augustin, 2d	1923 A (Chem)	Cleveland, Ohio
Gratz, Levi Otto, A. B.	Grad	Bluffton, Ohio
Graves, Leonard Knight, M.D.	Sp MD (N.Y.C.)	Elmhurst

Graves, William Brooke	1921 A	Gouverneur
Gray, Ernest Charles	1924 M	Honolulu, Hawaii
Gray, Lloyd Poor	1924 A	Clayton
Gray, Ralph	1921 C	Maine
Gray, Russell Warren	1921 Ag	Greene
Gray, Sarah Rhoda	1924 A	Amsterdam
Gray, Theodore Roosevelt	1925 A	Tottenville
Green, Alice Cramer	1923 A	Philadelphia, Pa.
Green, Francis Kennedy, B.S. in C.E.	1921 C	Middleburg, Va.
Green, Harold Kermit	1924 A	Paterson, N. J.
Green, Leonard Sanford	1922 L	New Rochelle
Green, Robert Sylvester, B.S.	Grad	Brooklyn
Green, Warren Buckelew	1924 C	Flushing
Greenawalt, Irma May	1921 Ag	Denver, Colo.
Greenawalt, Kenneth William	1924 A (Chem)	Denver, Colo.
Greenbaum, Samuel Henry	1922 L	Newark, N. J.
Greenberg, Herman	1922 A	Bay Shore
Greenburg, Charles Isadore	1921 C	Myerstown, Pa.
Greene, James Frelin	1924 A	Buffalo
Greene, Ray G.	1924 A	Wooster, Ohio
Greenebaum, William Abraham	1925 A	Philadelphia, Pa.
Greenleaf, Abbott Hoff	1923 M	Cayuga
Greenslade, Frances Ella	1924 Ag	Ithaca
Gregg, Frank Lozier, jr.	1924 A	Cleveland, Ohio
Gregory, Nellie Bernice	1924 A	Atlantic City, N. J.
Greil, Roman Jacob	1921 L	Montgomery, Ala.
Grider, Alexander Thomas H.	1921 M	Ithaca
Griffen, Ethel Mellows	1923 A	Valhalla
Griffin, Carroll Eskert	1922 A (Chem)	Lakewood, Ohio
Griffin, Clement Leroux, B. Chem.	Grad	Stamford, Conn.
Griffin, Frank Alexander	1921 A (Chem)	Stamford, Conn.
Griffing, Barbara Smith	1924 A	Shelter Island Heights
Griffiths, Jeanne May	1921 Ag	Union Springs
Griffiths, Joseph Harry, M.A.	Grad	Racine, Wis.
Griggs, Edward Reginald	1921 M	Glens Falls
Grimm, Jay John, B.S.	Grad	Gainesville, Fla.
Grinnell, Harold Clayton	1921 Ag	Broadalbin
Griscom, Samuel Bettle	1922 E	Salem, N. J.
Griswold, Arthur Stewart	1921 M	Rock Hill, Conn.
Griswold, Demetrius Wilbur	1921 M	Ithaca
Griswold, Frances Louise	1922 Ag	Lahore, Punjab, India
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	1925 M	Swampscott, Mass.
Gross, Ada	1924 A	New York City
Gross, William Carl	1924 Ag	Newark, N. J.
Grossfeld, Louis	1922 A	College Point
Grosshandler, Madeline Hilda	1922 A	Brooklyn
Grove, John Nelson	1922 A (Chem)	Williamsville
Grove, Robert Clair	1924 A	Johnstown, Pa.
Grow, Cecil Herbert	1925 M	Helena, Mont.
Gruneck, Sidney	1924 C	New York City
Gsand, Helen Mae	1923 A	Philadelphia, Pa.
Guernsey, Dorothy Frances	1921 Ag	Cobleskill
Guerron, Luis Alberto	1923 C	Tulcan, Ecuador
Guest, John Laurens, B.S.	1924 C	Richmond, Va.
Guest, Wesley Tate	1921 M	Silver Creek
Guggolz, Marjorie Marion	1923 Ag	New York City
Guinn, Joseph Edwin	1924 A	Ithaca
Guion, Imogene	1922 A	Seneca Falls
Guldi, Frederick George	1923 M	Southampton
Gulick, Charles Ward	1922 C	Champaign, Ill.
Gumaer, Elliott Wilder	1924 A	Cato
Gumboldt, Frank William	1921 C	Katonah
Gundaker, Clarence Kugler	1924 M	Philadelphia, Pa.
Gunn, Francis Dowden	1921 A, 1924 MD	Lexington, Ky.
Gunn, Janet Kathryn	1924 A	Utica
Gunning, John M., M.D.	Sp MD (N.Y.C.)	Spokane, Wash.
Gunsalus, Paul Overton	1925 C	Johnson City
Gurchot, Abel Charles, B.S.	Grad	New York City
Gutman, Alexander Benjamin	1924 A	Brooklyn
Gutwillig, William Stern	1922 A	Far Rockaway
Guyer, Frank Warren	1924 M	Bedford, Pa.
Gwyn, Lewis Ruffner, jr.	1922 M	Tarrytown
Haber, Solomon	1923 A (Chem)	Newark, N. J.
Hackathorn, Kenneth Kennard	1923 A	Lakewood, Ohio
Hacker, Stuart Holland	1924 Ag	New York City
Hadley, Charles Edward	1923 Ag	Geneva
Hadley, Cotheal Durston	1923 Ag	Black River

Haeker, Julius Henry	1921 A (Chem)	Baldwin Harbor
Hagen, Dewey Admiral	1922 A (Chem)	Batavia
Hahn, Elizabeth Steer, A.B.	Grad	Ithaca
Hahn, Ray Lester	1922 Ag	Atwater
Haines, Charles John	1924 A	Sayre, Pa.
Haines, George, M.S. in Agr.	1923 V	Ithaca
Hainsworth, Ellarene Lucille D.	1922 A	Gloversville
Haldeman, Samuel Tyson, 2d	1924 Ar.	Williamsport, Pa.
Hale, Charles Brockway, A.B.	Grad	Greensboro, N. C.
Haley, Simon Alexander, B.S.A.	Grad	Savannah, Tenn.
Hall, Agnes Nelson	1921 A, 1924 MD	Lockport
Hall, Archibald Maclay	1924 M	Larchmont
Hall, Bertrand Waldon	1924 Ag	Brooklyn
Hall, Clinton Griffey	Sp A	Detroit, Mich.
Hall, Edward Flemmon, jr.	1923 M	Birmingham, Ala.
Hall, Frederick Abbey	1923 V	La Grangeville
Hall, John Wesley	1923 M	Baltimore, Md.
Hall, Kate Fredericks	1924 Ar	Syracuse
Hall, Louis Ribera	1923 A	San Angelo, Texas
Hall, Roger Field	1923 Ag	Baltimore, Md.
Hall, Theo Faxon	1924 A	Detroit, Mich.
Hall, Walter Jay	1921 V	Monroe
Hall, Wayne Willard, B.S.	1921 MD (N.Y.C.)	Collinsville, Ala.
Hallam, Helen Miriam	1921 A	Harpers Ferry, W. Va.
Halley, Donald Macdougal	1923 A	Rapid City, S. Dak.
Hallinan, Joseph Daniel, M.D.	Sp MD (N.Y.C.)	Richmond Hill
Hallock, Harold Coleman, LL.B.	1922 Ag	Ithaca
Ham, Eugene, jr.	1922 Ag	Verbank
Hamann, Henry Godfried Ferdinand	1922 Ag	Brooklyn
Hamilton, Ralph Berger	1923 M	Ithaca
Hamilton, Robert Pierre	1923 Ag	Greenwich
Hamlin, Huldah Elizabeth	1924 Ag	Sanford
Hammond, Charles Kirby	1924 A	Birmingham, Ala.
Hance, Francis Evaul	1921 A (Chem)	Ithaca
Handel, Jayne	1922 A	New York City
Handschan, Irving Henry	1924 M	Millport
Hanford, Ellen	1923 A	Walton
Hanford, Rodney Warren	1924 A	Ithaca
Hann, Charles Bertrand	1922 M	Baltimore, Md.
Hannah, Robert, A.B.	Grad	London, Ont., Canada
Hannifan, Marjory Mary	1923 Ag	Olean
Hannigan, James	1922 C	Forty Fort, Pa.
Hannigan, John	1923 M	Forty Fort, Pa.
Hannigan, William	1923 M	Forty Fort, Pa.
Hanschka, Herbert Laurence	1923 M	Newark, N. J.
Hanselman, George Raymond	1922 M	Dunkirk
Hansen, Edward Hull	1925 M	Elkhart, Ind.
Hansen, Margaret Dorothea	1924 A	Ithaca
Hanson, Leonard Christopher	1923 M	Veblen, S. Dak.
Hansson, Kristian Gosta, A.B.	1923 MD (N.Y.C.)	Cambridge, Mass.
Haon, Harry Jean, jr.	1924 A (Chem)	Brooklyn
Happ, George Bippus	1922 Ag	Port Jervis
Hard, Florence Elizabeth	1922 A	Flushing
Harden, James Henry, B.S.	1923 V	Brooklyn
Hardesty, Frederick Lee	1924 M	Washington, D. C.
Harding, Alice Bernice	1923 A	Albion
Hardy, John Everett	1921 A	Pawtucket, R. I.
Hardy, Ruth Louise	1923 A	Tappan
Haring, Delos Walker	1921 A	Buffalo
Harkaway, Israel Samuel	1923 A	Brooklyn
Harkness, Donald Daniel	1922 Ag	Oakfield
Harman, Thomas MacMartin	1924 A	Pikeville, Ky.
Harmon, Glenn Douglas	1921 V	Savannah
Harper, Alexander Headley	1923 M	Philadelphia, Pa.
Harper, James Bailey	1922 M	Philadelphia, Pa.
Harrington, Frank Louis	1924 A (Chem)	Amsterdam
Harrington, Frank William	1924 Ag	Littleton, N. H.
Harrington, Harold Lewis	1922 M	Niagara Falls
Harrington, Harold Ray	1922 M	Utica
Harrington, John Henry	1924 A	Buffalo
Harrington, Norman Spencer	1922 M	Cleveland, Ohio
Harriott, John Frederick	1922 Ag	Mamaroneck
Harris, Edith Vicker	1924 A	Ithaca
Harris, Edwin Raymond	1924 Ag	East Aurora
Harris, Katharine Wyckoff	1922 Ag	Hasbrouck Heights, N. J.
Harris, Marjorie Silliman, B.A.	Grad	Wethersfield, Conn.
Harris, William Curtis	1924 M	Glens Falls
Harrison, Arthur Millard	1923 M	Oxford
Harrison, George Emile, B.M.	1922 C	London, England
Harrison, Harriet Gailey	Sp Ag	Duluth, Minn.

Harrison, Thomas Perrin, jr., A.B.	Grad	West Raleigh, N. C.
Harrison, William Henry	1921 Ar	Indianapolis, Ind.
Harrold, Charles Cotton, B.S., A.M., M.D.	Sp MD (N.Y.C.)	Macon, Ga.
Harrowich, Esther Myrtle	1923 A	Cornwall Landing
Hart, Bernice Ellen	1924 A	Turin
Hart, Charles Howard	Sp Ag	Rochester
Hart, Emmett Ellsworth, jr.	1924 Ag	Cleveland, Ohio
Hart, Erskine Alexander	Sp Ar	Dayton, Ohio
Hart, Glenn Roy	Sp Ag	Sherrill
Hart, Lane Schofield	1923 Ag	Duncannon, Pa.
Hart, Paul Richmond	1923 A	Franklin, Pa.
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
Hartt, Harold Arthur	1921 A (Chem)	Ravena
Hartzell, Gertrude	1923 Ag	Buffalo
Harvey, Norman Darrell, jr.	1924 A	Providence, R. I.
Harvey, Richard Laurence	1924 A	New Rochelle
Harwood, Reymour Elton	1923 M	Newfane
Harwood, Robert Daniel, B.A.	Grad	Claremont, Cal.
Hasbrouck, Clency Herman	1921 A	Los Angeles, Cal.
Haskin, Charles Jay	1923 A	Cortland
Haskins, Frances Alden	1923 A	Brooklyn
Hassinger, Evan Parvin	1922 A (Chem)	Middleburg, Pa.
Hastings, Barbara Katharine	1924 A	Owego
Hatch, Madeline	1923 A	South Fallsburg
Hathaway, Charles Lester	1924 M	San Diego, Cal.
Hatz, Bernard	1921 A (Chem)	Brooklyn
Hauck, Charlotte Marion	1923 Ag	Buffalo
Haug, Waldemar Henry	1924 A (Chem)	Brooklyn
Hauptfuhrer, Albert Frederick	1924 Ag	Melrose Park, Pa.
Hauser, Edwin Toal	1922 MD (N.Y.C.)	New York City
Hausman, Ethel Hinckley	1921 Ag, Grad	Ithaca
Hausman, Max	1923 L	New York City
Havelin, Julius Edward	1922 C	Brooklyn
Haviland, Harold Walter	1924 M	Fort Ann
Haviland, Stanley Augustus	1923 M	Red Bank, N. J.
Hawkins, Charles Frank	1924 A	Berlin, Germany
Hawley, John Blackstock, jr.	1921 C	Fort Worth, Texas
Hawley, Martha Swift	1924 A	Webster
Hawley, Nathan Henderson	1921 Ag	Albany
Hawthorn, Leslie Rushton	1924 Ag	Rochester
Hay, James Cameron	1925 A	Galt, Ont., Canada
Hayner, George Arthur	1922 M	Dayton, Ohio
Haynes, Eileen North	1924 A	Oxford
Haynes, French Leo, A.B.	Grad	Clyde, N. C.
Haynes, Winfield Scott	1922 A	Starrucca, Pa.
Hays, Alfred McPherson	1921 Ag	Orient, Ohio
Hays, Charles Hodge, jr.	1922 M	North East, Pa.
Hays, James Solomon	1922 L	New Rochelle
Hays, Robert Louis	1924 A	Cleveland, Ohio
Hayward, Harold Glenwood	1924 A (Chem)	Silver Creek
Hayward, Kenneth Edward Abner	1924 M	Bridgeport, Conn.
Haywood, Albert, jr.	1921 Ag	Flushing
Haywood, John Hool	1924 A (Chem)	Washington, D. C.
Hazell, Cyril Ebenezer	1922 M	Ithaca
Hazlitt, James Russell	1924 Ag	Hector
Hazzard, Albert Sidney	1924 A	Brewster
Hazzard, Gertrude Curtis	1921 A	Brewster
Hazzard, Lawrence Stephen	1922 L	Yonkers
Heacock, Hazel Madeleine	1924 Ag	Philadelphia, Pa.
Head, Clarence Chaddock	1923 A	Ithaca
Healy, Joel Watres	1922 M	Wilkes-Barre, Pa.
Heard, Helen Horton	1924 Ag	Ithaca
Heard, Randolph Alfred	1921 Ag	Ithaca
Hearn, John Byron	1923 C	Port Byron
Hearn, William Lingo	1925 M	Philadelphia, Pa.
Heath, Morgan Lewis	1921 M	Jamestown
Heath, William Russell	1922 M	Hamburg
Hebel, Irene Elizabeth	1922 A	Ithaca
Hedden, Helen Marion	1923 A	Buffalo
Heffner, Roy Edward, A.B., B.S. in E.E.	Grad	Ithaca
Heidke, Leroy Belknap	1923 Ag	Brooklyn
Heilbronn, Ralph	1923 A	Brooklyn
Heim, Gertrude Cecelia	1923 Ag	Utica
Heim, Harlan Stabler, A.B.	1924 MD (N.Y.C.)	Dawson, Nebr.
Heimbach, Harold Luther	1924 A (Chem)	Quakertown, Pa.
Heimbach, Robert Elwood, A.B.	1923 MD (N.Y.C.)	Quakertown, Pa.
Heinzelman, Frederick Emil	1923 Ag	Warwick
Hekimian, Mardiros Elijah	1924 C	Constantinople, Turkey

Helffrich, Laurence Stockton	1923	A	Yonkers
Helliker, Oviatt Van Rensselaer	1924	M	Olean
Heller, Anne	1921	A	New York City
Heller, Carolyn Elizabeth	1923	Ag	Feura Bush
Heller, Daniel Hemingway	1921	Ag	Feura Bush
Heller, Mary Elizabeth	1922	A	Williamsport, Pa.
Hellmers, Walter H	1923	L	New York City
Helps, Andrew James Ronald	1921	A (Chem)	Upper Montclair, N. J.
Hemmer, Andrew Joseph, B.Chem.	Grad		Syracuse
Hemmings, Arthur Alexander	1924	A	New York City
Hendel, Julius	1921	Ag	Oneida
Henderson, Lulu Elsie	1921	A	Kerhonkson
Hendler, Henry	1924	Ag	New York City
Hendryx, Thomas Kennedy	1923	Ar	Ithaca
Hengerer, Howard Betts	1921	M	Dallas, Texas
Henkle, Curran Winslow	1922	M	Chicago, Ill.
Henkle, John Robert	1924	A	Chicago, Ill.
Hennessey, Paul Keeley	1923	A (Chem)	Binghamton
Hennings, Thomas Carey, jr.	1924	A	St. Louis, Mo.
Henrich, Grace Katharine	1923	A	Buffalo
Henry, Frank Charles, jr.	1921	MD (N.Y.C.)	Perth Amboy, N. J.
Henry, Frederic Thomas	1923	L	Canandaigua
Herb, Edith Mary	1923	Ag	Mount Carmel, Pa.
Herben, George Foster	1921	MD (N.Y.C.)	West Englewood, N. J.
Herbert, Madeline Norma	1924	A	Atlantic City, N. J.
Herbert, Paul Anthony	1921	Ag	New York City
Herman, LeRoy Louis, V.S., B.V.Sc.	1921	V	Williamsville
Hermann, Charles Edward	1921	C	St. Louis, Mo.
Hermann, Harold Bernard	1921	A	Brooklyn
Hervult, Patrice Jules	1924	M	New York City
Herr, Walter Frederick	1921	Ag	New York City
Herrick, Marvin Theodore	1922	A	Ithaca
Hershey, Mary Elizabeth	1923	Ag	Florin, Pa.
Hertwig, Paul Ogborn	Sp	Ag	Mount Vernon
Herz, Monroe	1922	M	New York City
Herzig, Alfred Sebastian	1921	Ag	Brooklyn
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
Hettinger, Harold Ingersoll	1921	C	Freeport, Ill.
Hetzler, Charles William	1924	A	Rochester
Heywood, William Horace	1923	M	Stafford
Hibbard, Charles Judson, jr.	1924	M	Perth Amboy, N. J.
Hibbard, Oscar Lamont	1925	M	West Winfield
Hickey, Frank Joseph	1923	M	Brooklyn
Hickey, James Francis	1922	A	Ithaca
Hickey, Madeleine Margaret	1923	A	Ithaca
Hickok, Ralph Kiddoo, M.A., B.D.	Grad		Aurora
Hicks, Gertrude	1923	Ag	Pelham Manor
Hieber, Evelyn Margaret Caroline, A.B.	Grad		Utica
Hieber, John Theodore	1922	A (Chem)	Utica
Hilbert, Arnold Edward	1923	Ag	Candor
Hile, Margaret	1924	A	Philadelphia, Pa.
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, Edward David	Sp	M	Scranton, Pa.
Hill, Henry	1923	Ag	Brooklyn
Hill, Irene Marguerite	1923	A	Pleasantville
Hill, Leland Halsey	1921	M	Ozone Park
Hill, Louise Alfreda	1923	A	West Webster
Hill, Richard Sawyer	1924	M	Oak Park, Ill.
Hill, William Holcombe	1922	M	Hopewell, N. J.
Hillidge, James Gruver	1923	M	Front Royal, Va.
Hillidge, Ruth Snyder	1922	Ag	Front Royal, Va.
Hinckley, Roger Myron	1923	M	Deerfield, Mass.
Hine, Lucius Alvin, jr.	1925	M	Highland Park, Ill.
Hine, Willard Rudolph Bernard, B.S.	Grad		Gloversville
Hinkle, Robert Stanley	1924	Ag	Elmira
Hinrichs, Frederick	1922	M	Milwaukee, Wis.
Hipson, Caryl Blaine	1921	Ag	East Norwalk, Conn.
Hirsch, Eric Donald	1921	A	Memphis, Tenn.
Hirsch, Sylvan Roos	1924	M	Savannah, Ga.
Hirschberg, Leon Frederick	1921	A (Chem)	Brooklyn
Hirshman, Leo	1923	Ag	Brooklyn
Hirshowitz, Samuel Albert	1923	A	New York City
Hitchcock, Howard Harvey	1922	C	Honolulu, Hawaii
Hitchcock, Joshua Dickson	1925	M	Honolulu, Hawaii
Hitchcock, Marjorie Dayton, B.A.	Grad		Van Nuys, Cal.
Hitchcock, Raymond Owen, A.B.	Grad		Lyons

Hoag, Beatrice Irene	1924 A	Phelps
Hoag, Philip Osborne	1923 M	Newark, N. J.
Hoar, Clifford Edwin	1924 M	West Newton, Mass.
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
Hodges, Duncan	1921 M	Ithaca
Hodgkinson, Francis Piercy	1921 M	Swarthmore, Pa.
Hodson, Floyd, A.B.	Grad	New Castle, Ind.
Hoefer, Fred Schmidt, B.S.	Grad	Columbia, S. C.
Hoehler, Anna Kimmel	1923 A	Philadelphia, Pa.
Hoel, Archie Bernhard, B.A.	Grad	Spring Valley, Wis.
Hoerle, John Miller	1921 M	Brooklyn
Hoff, Edwin James	1922 C	Ithaca
Hoff, Trygve Waldemar	1921 C	Upper Montclair, N. J.
Hoffman, Eldred Weaver	1923 Ag	Ithaca
Hoffman, Eugenie Isabelle	1922 Ag	Great Notch, N. J.
Hoffman, Florence Norma	1924 Ag	Great Notch, N. J.
Hoffman, Frank Adam	1924 M	Danbury, Conn.
Hoffman, Israel Kenneth	1921 MD (N.Y.C.)	Passaic, N. J.
Hoffman, Karl William	1923 C	Niagara Falls
Hogg, George Albert	1923 M	Lihue, Kauai, Hawaii
Hogle, Hollis Elbridge, jr.	1921 M	Malone
Hohlweg, William August	1923 C	Baltimore, Md.
Holbrook, George Whitman	1923 M	Pleasant Valley
Holbrook, John Knight, jr.	1921 A	New York City
Holder, Hall Gilliam, A.B.	1924 MD (N.Y.C.)	Santee, Cal.
Holderman, William Frederick	1921 Ag	New York City
Holland, Irene May	1924 A	Freeport
Hollingshead, Robert Creighton	1925 M	Boise, Idaho
Hollis, John Coonley	1921 A	Concord, N. H.
Hollis, William Carroll	1921 Ag	Woodhaven
Hollister, Helen Frederica	1924 A	Ithaca
Hollister, James Frederic	1922 A	Saluda, N. C.
Holloway, Violet Mabel	1923 A	New York City
Hollstein, Henry	1924 Ag	Jersey City, N. J.
Holman, Frank Hazen, jr.	1924 Ar	Swarthmore, Pa.
Holmberg, Frank Frederick	1924 A	Sag Harbor
Holmes, Anna Gertrude	1923 A	Philadelphia, Pa.
Holmes, James Sprunt	1923 A	Washington, D. C.
Holmes, Ralph Alvin	1923 M	Buffalo
Holmes, Ralph Maynard, M.A.	Grad	Ellsworth, Me.
Holmes, Russell Ditmars	1925 Ag	Newfield
Holmes, Walter Raymond	1925 A	Newfield
Holst, Paul Strom	1921 Ag	New York City
Holstrom, Harry Leonard	1921 M	St. Paul, Minn.
Holt, Donald Aubrey	1923 A (Chem)	Upper Montclair, N. J.
Holt, Evelyn, A.B.	Grad	Summit, N. J.
Holtje, Emma Evelyn	1922 A	Bay Shore
Holtje, George Leonard, jr.	1924 A	Bay Shore
Holtzer, Beatrice Frances	1923 A	Arverne
Holzbach, Robert Edward	1924 M	Newport News, Va.
Holzberger, Walter Scott	1921 A (Chem)	Hamilton, Ohio
Hon, Alvin Burton	1924 A	Winchester, Ky.
Honey, Edwin Earl, B.S.	Grad	Ithaca
Honnold, Douglas Orville	1924 M	Los Angeles, Cal.
Hood, Thomas Stanley	1921 C	Indianapolis, Ind.
Hood, Townsend Byron	1924 M	Douglas, Ariz.
Hook, Howard Arthur	1923 C	Baltimore, Md.
Hooker, Douglas Lannin	1921 M	Olean
Hooker, Lorren Gaskin	1924 A (Chem)	Pittsford
Hooker, Roger Wolcott	1921 A	Niagara Falls
Hooker, Thomas	1924 M	Watertown
Hopkins, Alice Mary	1921 A	New Hartford
Hopkins, Doris Elizabeth	1924 A	Greenfield, N. H.
Hopkins, Robert Dwight, jr.	1925 A	Peking, China
Hopkins, Sydney Watson	1921 Ag	Summit, N. J.
Hopper, Marjorie Roes, A.B.	1923 MD (N.Y.C.)	Nyack
Horn, Edna	1923 A	New York City
Horn, Paul Valentine, B.S.	Grad	Baltimore, Md.
Horne, Graham Daniel	1923 M	Rocky Mount, N. C.
Horne, William Henry	1923 M	Rocky Mount, N. C.
Horning, Lloyd Eugene	1924 Ag	Castile
Horowitz, Bernard	1925 Ar	Brooklyn
Horowitz, Grace Fannie	1922 A	New Rochelle
Horrell, Stephen Byrd	1921 M	Pasadena, Cal.
Horton, Donald Alfred Winslow	1925 Ar	Cleveland Heights, Ohio
Horton, Edward Kenneth	1922 A	Whitehall

Horton, Harry Davids	1922 M	Ithaca
Horton, Hubert Linsley	1922 Ag	White Plains
Hosey, Elizabeth Grace	1924 A	Brooklyn
Hoskins, Harry Stewart Lee	1922 C	White Plains
Hosmer, Harriet, A.B.	1921 MD (N.Y.C.)	Buffalo
Hosoi, Kiyoshi	1924 MD	Honolulu, Hawaii
Hotchkiss, Clarence Francis, jr.	1923 M	Binghamton
Hotchkiss, Herbert Vinton, B.S.C.E., A.B.	Grad	Ithaca
Houck, Isabel Ruth	1922 A	Ithaca
Houck, Norman Lee Grand	1923 C	Hammonton, N. J.
Houck, Philip Ernst	1924 M	Ithaca
Houck, Robert Charles	1921 A (Chem)	Honeoye Falls
Hough, Walker Blaine	1923 M	Denver, Colo.
Houk, Gerald Bravo	1921 Ar	Owego
Hourigan, Michael William	1923 C	Brooklyn
Howard, Edwin Johnston	1923 Ag	Detroit, Mich.
Howard, Edwin Lawrence	1921 Ag	Youngstown
Howard, John Everett	1923 C	West Bridgewater, Mass.
Howard, Robert Jackson	Sp Ag	Sherburne
Howe, Donald Atkins	1922 Ag	Yonkers
Howe, Oswald Eugene	1921 M	Oak Park, Ill.
Howell, Carter Alexander	1923 Ag	New York City
Howell, Clara Bower	1921 Ag	Ludlowville
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, Wilbur Samuel	1924 A	Addison
Hower, Irene Lydia	1923 Ag	Danielsville, Pa.
Hower, Lela Rebecca	1923 Ag	Danielsville, Pa.
Howerth, Dwight Goldwin	1923 M	Shamokin, Pa.
Howes, Helen	1923 A	Brewster
Howes, Raymond Floyd	1924 A	Elmira
Howland, Lloyd Emmer	1921 Ag	Shortsville
Howlett, Freeman Smith	1921 Ag, Grad	Knowlesville
Hoy, David Fletcher, jr.	1923 M	Ithaca
Hoyt, John Davidson Hill	1921 A	Buffalo
Hoyt, Laura Martha	1924 A	Wellsville
Hoyt, Lawrence Wibirt	1922 C	Danbury, Conn.
Hoyt, Mary Katherine	1921 A, Grad	Cobocton
Hoyt, Stephen Charles	1921 A	Auburn
Hsia, Tao Shu, C.E.	Grad	Ho-chow, Anhwei, China
Hsiao, Chu, A.B.	Grad	Shanghai, China
Hsiung, Cheng-Chin	1921 Ag	Nanchang, Kiangsi, China
Hsu, Shih-ta, M.C.E.	Grad	Shiwu, Shaohing, China
Hsueh, Shao Ching	1921 E	Tong-doo-jaw, Kiang-yin, Kiang-su, China
Hu, Ching Yee, B.A.	Grad	Peking, China
Huang, Pao Chao, B.S. in C.E.	Grad	Shanghai, China
Hubach, Clifford Earle	1924 A (Chem)	Los Angeles, Cal.
Hubbard, Robert Clifford	1924 A	Nyack
Hubbs, Hazlett David	1922 M	Amsterdam
Hucker, George James, B.S., A.M.	Grad	Geneva
Huckett, Hugh Cecil, B.S.A.	Grad	Meadfoot, Cuckfield, Sussex, England
Hudders, James Henry	1921 M	Utica
Hudes, Nathan	1923 A	Brooklyn
Hudson, Harriet Emeny	1922 Ag	Fulton
Hudson, Hoyt Hopewell, A.M.	Grad	Cleveland, Ohio
Huestis, John Phelps	1922 M	Brazil, Ind.
Huey, Lee	1924 Ag	Bradford
Huey, Linton Douglas	1923 Ag	Bradford
Huff, Fleta Wenona	1921 Ag	Ithaca
Hugger, Albert Joseph	1921 C	Ridgewood
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, Peter Francis	1922 M	Perth Amboy
Hughes, Ralph Jarvis	1924 M	Utica
Huie, Helen Piersen, A.B.	1923 MD (N.Y.C.)	New York City
Hukill, James Layng	1922 Ag	Pittsburgh, Pa.
Hulbert, Thorne Comings	1923 A (Chem)	Ithaca
Hulme, Harold, A.B.	Grad	Cleveland, Ohio
Huls, Raymond Theodore	1922 Ag	Rochester
Hulst, Harold Brett	1924 E	Ishpeming, Mich.
Hultren, Hulda Victoria	1925 Ag	Norwich
Humphrey, Onias Skinner, jr.	1923 M	Albany
Humphrey, Rufus Richard, B.Ped., A.M.	Grad	Thompsonville, Mich.
Hungerford, Edgar Frank	1924 Ag	Glenmont

Hunt, Dorothy Rossman, A.B.	Sp Ag	Ithaca
Hunt, John Bartlett	1922 Ag	Unadilla
Hunter, Arthur Templeton	1923 M	St. Louis, Mo.
Hunter, Egerton Kaye	1921 Ar	Detroit, Mich.
Hunter, Elizabeth	1923 A	Grand Gorge
Hunton, Marion Hoppe	1924 A	Philadelphia, Pa.
Hupfel, John Glaser	1924 Ar	New York City
Hurlburt, John Conrad	1924 Ag	Hinsdale
Hurlbut, Homer Lewis	1923 Ag	Ovid
Hurst, Elmer Travis	1922 M	Wyoming
Huschke, Henry Albert Ralph	1922 Ag	Hurleyville
Hussein, Shukri	1924 Ag	Bourdour, Asia Minor
Husted, Katharine	1923 A	Lonaconing, Md.
Husted, Victor Jerome	1923 A	Addison
Hutchings, William Henry	1922 Ag	North Chili
Hutchinson, Edmund James, B.P.E.	1922 Ag	Ithaca
Hutchison, Gilbert Mills	1924 Ag	Washington, D. C.
Hutchison, Hugh Barbour	1924 A	Washington, D. C.
Hutchison, Miller Reese, jr.	1924 M	West Orange, N. J.
Hutoryansky Godel, B.S.	1921 MD (N.Y.C.)	New York City
Huttar, John Carl	1924 Ag	New York City
Hutton, James	1924 A	Walton
Huyck, Ralph Slater	1923 M	Deposit
Hyatt, James Mead, A.B.	Grad	Ithaca
Hyde, Karl Clayton, A.B.	Grad	Ithaca
Hyde, Stuart Noble	1921 A (Chem)	Elmira
Hyman, Harris, jr.	1923 A	New Orleans, La.
Hyman, Stella	1925 A	New York City
Hyne, Charles William	1923 A	Evansville, Wis
Ibarguen, Henry Louis	1924 A	Guatemala City, C. A.
Ickes, Edward William	1924 A	Bloomdale, Ohio
Ider, Russell Hills, A.B.	1923 MD (N.Y.C.)	Brooklyn
Ilgenfritz, James, I.E.	Sp Ag	Monroe, Mich.
Imhoff, David Laing	1923 M	Hopewell, N. J.
Imperato, Pasquale Joseph, jr., B.S.	1921 MD (N.Y.C.)	Brooklyn
Ingham, Walter Leland	1921 M	Pittsburgh, Pa.
Inches, Louise Brimmer	1924 A	Medfield, Mass.
*Inscho, Dorothy Elizabeth	Sp Ag	Owego
Ipark, William Washington	1922 Ag	Washington, D. C.
Iredell, Frances Barrett	1924 A	Painted Post
Irish, Charles Godwin	1923 A	Auburn
Irish, Ruth Frances	1922 Ag	Auburn
Irvine, Ralstone Robert	1922 A	Long Beach, Cal.
Isaacson, Morris	1924 Ag	Brooklyn
Isaacson, Samuel	1924 Ag	Brooklyn
Isserman, Michael, B.S.	1923 MD (N.Y.C.)	New York City
Ishkanian, Mardiros Hohannes	1921 Ag, Grad	Hadjin, Armenia
Israel, Joseph Paul, M.D.	Sp MD (N.Y.C.)	New York City
Israelson, William	1923 Ag	Haverstraw
Itzkowitz, Ida	1923 A	New York City
Ives, Helen Marie	1923 A	Albany
Ives, William Egbert	1924 A (Chem)	Brewster
Jablonsky, Isidore William	1922 A	Brooklyn
Jackson, Anna Hyde	1924 Ag	Yonkers
Jackson, Charles Ream	1923 M	Petersburg, Va.
Jackson, Gemma	1923 A	New York City
Jackson, George Andrew	1921 M	Huntington
Jackson, George Samuel	1922 M	Brooklyn
Jackson, Helen Piatt	1923 A	Ithaca
Jackson, Hugh Everard	1924 M	Petersburg, Va.
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, William Edward	1922 L	Whitehall
Jackson, William Iler	1924 C	New Rochelle
Jacobs, Benjamin, B.S.	1923 MD (N.Y.C.)	New York City
Jacobs, Miles Richard	1921 A	Ithaca
Jacobson, Abraham Aaron	1922 A	Leonard's Bridge, Conn.
Jacobson, Annette Landan	1924 A	Toledo, Ohio
Jacobson, David	1923 M	Parksville
Jacobstein, Ellison	1922 M	Rochester
Jaeger, Otto Carl	1924 A (Chem)	White Plains
Jaffee, Wilton	1925 A	Brooklyn
Jager, Philip, M.D.	Sp MD (N.Y.C.)	New York City
Jagger, Claude Andrew	1924 A	Marion
Jagger, Seth Ransom	1921 A, 1924 MD (N.Y.C.)	Flushing
Jahn, Raymond Frederick	1923 M	Brooklyn

*Deceased.

James, Chester Kenneth	1924 M	Youngstown, Ohio
James, Edward David	1923 Ar	Indianapolis, Ind.
James, Thomas Rutherford	1924 M	Pelham
James, Wilbur Oakley	1923 C	Kingston, Pa.
Jamieson, Fleming	1923 M	Pittsburgh, Pa.
Janes, Edwin Babcock	1924 A	Cleveland, Ohio
Janeway, Robert Noah	1922 M	New York City
Jansen, Mildred Gertrude	1923 A	Pine Bush
Jaquish, Helen Louise	1922 A	Brooklyn
Jarka, Clement Alphonsus, A.B.	1922 MD (N.Y.C.)	Mount Carmel, Pa.
Jefferson, Clyde Chester	1923 Ag	Ithaca
Jefferson, Rachel Cockran	1923 A	Federalsburg, Md.
Jeffery, George Edward	1924 C	Washington, D. C.
Jeffres, Lawrence Willard	1923 Ag	Wyoming
Jenkins, John Gamewell	1923 A	Brooklyn
Jenks, Leon R., M.S.	Grad	Ithaca
Jenks, Stephen Moore	1923 M	Woodbury, N. J.
Jenks, Weston Morse, W. A.*	1921 M	Waterbury, Conn.
Jennings, Burton Aaron	1921 Ag	Ithaca
Jennings, Frank Brown	1924 M	Brooklyn
Jennings, Stephenson	1923 Ag	Menominee, Mich.
Jensen, Leif George	1923 MD (N.Y.C.)	Port Richmond
Jensenius, Karen	1923 A	Philadelphia, Pa.
Jerome, Alan Jerome	1923 M	Toledo, Ohio
Jerome, Carmen	1924 A	New York City
Jewett, David William	1921 Ag	Skaneateles
Jewett, Eugene Lyon	1922 A (Chem)	Fredonia
Jewett, Harold Alden	1922 A (Chem)	Fredonia
Jewett, Richard William Dickinson	1924 M	Nyack
Joffe, Sara Jacqueline	1922 A	New York City
Johannsen, Dorothea Elizabeth	1924 A	Ithaca
John, Carl Frank	1922 M	Milwaukee, Wis.
Johns, Juanita Pearl	1922 A	Ithaca
Johnson, Albert Mason	1923 M	Berwick, Pa.
Johnson, Arthur Stillwell	1922 L	Woodside
Johnson, Carmen May	1922 Ag	Rushville
Johnson, Charles Henry, A.B.	Grad	Seattle, Wash.
Johnson, Douglas Harold	1921 A	New York City
Johnson, Elmer Dayton	1924 C	Apple Creek, Ohio
Johnson, Elmer Marker	1922 A	Boise, Idaho
Johnson, Ernest Edward	1921 A	San Francisco, Cal.
Johnson, George Carl	1924 A (Chem)	Ludlowville
Johnson, Herman Woodward	1923 A	Berryville, Va.
Johnson, Hibbard Fisk	1922 A	Racine, Wis.
Johnson, Mary Claudine	1924 A	Fish's Eddy
Johnson, Mary Pauline	1923 Ag	Ithaca
Johnson, Murray Foster	1923 A	Woodside
Johnson, Pickens	1922 A	Houston, Texas
Johnson, Ralph Swift	1924 Ag	Ithaca
Johnson, Raymond Taylor	1924 M	Washington, D. C.
Johnson, Robert Myron	1923 A (Chem)	Lockport
Johnson, Rodolph Lewis	1924 M	Charleston, W. Va.
Johnson, Rudolph Albert	Sp M	Brooklyn
Johnson, Wright	1923 Ag	Washington, D. C.
Johnson, John	Sp Ag	McComb, Miss.
Johnstone, Carol	1924 A	Vineland, N. J.
Johnstone, James Watson	1923 M	Perth Amboy, N. J.
Jolliffe, Charles Byron, B. Sc., M.S.	Grad	Ithaca
Jones, Clara Elizabeth	1923 Ag	Ithaca
Jones, Ada Elizabeth	1923 Ag	Wilkes-Barre, Pa.
Jones, Anna Gladys	1922 A	Baltimore, Md.
Jones, Arthur Lee	1924 A	Bradford, Pa.
Jones, Ellis Oliver	1923 C	Forest Hills
Jones, Frederick Herr, jr.	1923 A	Montclair, N. J.
Jones, John Reginald	Sp M	Nelson, B. C., Canada
Jones, Merton Wurke	1921 A, Grad	Ithaca
Jones, Olive Rilla	1923 Ag	Westfield
Jones, Putnam Fennell	1924 A	Amsterdam
Jones, Reno Victor	1922 A	Niles, Ohio
Jones, Walter Mendelson	1924 A (Chem)	Upper Montclair, N. J.
Jones, Walter Paul, A.B.	Grad	Crawfordsville, Ind.
Jones, Walter Roy	1925 M	Poughkeepsie
Jones, Warren Herbert	1921 A (Chem)	Rockaway Beach
Jones, William Paul	1923 M	Sharon, Pa.
Jordan, Gertrude	Sp Ag	New York City
Josefson, Abraham	1922 C	Middletown
Joslin, Eric Francis	1924 A	Great Bend
Joslovitz, Dorothy	1924 A	Kingston

*War Alumnus.

Joyce, Albert Goodloe, jr.	1923 A	Dallas, Texas
Joyce, John Beatty	1925 M	Columbus, Ohio
Judd, Wilma Frances	1921 A	Belleville, Kansas
Juel, Gregers	Sp Ag	Hverringe Kesteminde, Denmark
Kabrisky, Rebecca Martha	1924 A	Brooklyn
Kadushin, Charles George	1923 Ag	Brooklyn
Kahle, George Borgfeldt	1922 M	New York City
Kahler, Herbert, B. S.	Grad	Tacoma, Wash.
Kahn, Albert Bloom	1924 A	Sheridan, Wyo.
Kahn, Beatrice	1923 A	New York City
Kahn, Henry Kastor	1924 A	Chicago, Ill.
Kaiser, Louis	1921 L	Deal Beach, N. J.
Kalabza, Joseph Frank	1923 Ag	Long Island City
Kalisches, David Edgar	1924 M	Brooklyn
Kammerer, Frederick Stanley	1922 M	Staten Island
Kane, Mortimer William	1921 Ag, Grad	Bronxville
Kantor, Charles, B.S.	1923 MD (N.Y.C.)	New York City
Kao, Hua	1921 E	Shanghai, China
Kaplan, Benjamin	1922 Ag	Brooklyn
Kaplan, Carl, M.D.	Sp MD (N.Y.C.)	Brooklyn
Karan, Aaron	1924 Ag	Brooklyn
Karnow, Aaron	1922 A	Brooklyn
Karns, Hilda Elmira	1924 Ag	Benton, Pa.
Karp, Alexander Xenophon	1923 A (Chem)	New York City
Karpeles, Seymour Leopold	1922 A (Chem)	Newark, N. J.
Katchen, Jeannette	1923 A	Newark, N. J.
Katz, Isidore	1924 M	Englewood, N. J.
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, Charles, B.S.	1921 MD (N.Y.C.)	Brooklyn
Kaufmann, Richard Kohns	1922 A	New York City
Kavanaugh, Laurine Alice	1923 Ag	Niagara Falls
Kaw, Edgar Lawrence	1923 Ar	Houston, Texas
Kawamata, Takashi, B.S.	Grad	New York City
Kay, Harry Rayburn	1924 A (Chem)	Sheridan, Wyo.
Kay, Sidney Garner	1922 A (Chem)	Harrisburg, Pa.
Kayser, Reuben, B.S.	1922 MD (N.Y.C.)	New York City
Keady, Howard Patrick	1923 L	Brooklyn
Kearney, William James, jr.	1924 M	New Orleans, La.
Kearns, Wilfrid McDonnell	1922 M	Rochester
Keasbey, Louisa Edwina, A.M.	1924 MD	New York City
Keefe, Robert Edwin, M.E.	Grad	Kingston
Keeffe, Arthur John	1924 A	Ithaca
Keeler, Clarence Raymond	1921 Ag	Malone
Keenan, DeElbert Ernest	1922 A	Elmira
Keiper, Elisabeth	1921 A	Rochester
Keiper, Katherine	1924 A	Rochester
Keliher, James	1923 C	Chevy Chase, Md.
Kelley, Celina Ray	1923 Ag	Patterson
Kelley, Hayward Kendall	1921 M	Cleveland, Ohio
Kelley, Raymond Alden	1923 A	Wyoming
Kelley, Walter Eugene	1924 A	Cortland
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, Emerson Crosby	1921 A	Fleischmanns
Kelly, Margaret Esther	1924 Ag	Ithaca
Kelly, Thomas Aloysius	1924 A	Ithaca
Kenah, Roland Miner	1923 M	New Brighton, Pa.
Kendall, Charles Emerson	1923 Ag	Churchville
Kendall, Talbot Parker	1924 A	San Diego, Cal.
Kennedy, Clarence Edward	1923 M	East Weymouth, Mass.
Kennedy, Durward Bellmont, jr.	1922 M	Flushing
Kennedy, Edward Kavanagh	1922 A	Buffalo
Kennedy, Harvey Thomas	1921 A (Chem)	East Rochester
Kennedy, James Arthur, A.B.	Grad	Ithaca
Kennedy, John Harrison, jr.	1922 M	Buffalo
Kennedy, Robert Charles	1921 C	East Rochester
Kennedy, Roy James	1921 A	East Rochester
Kennedy, Samuel Van Dyke, jr.	1924 M	Auburn
Kennedy, Thomas Reed	1922 A	Pittsburgh, Pa.
Kent, Arthur Meaux	Sp Ag	Baltimore, Md.
Kenwell, Margaret K. Melrose	1924 Ag	Jamestown
Kenworthy, Clarence Sprague	1923 M	Liberty
Kern, Clyde Lewis	1925 V	Worcester
Kerr, Henry Hampton, jr.	1921 M	Evanston, Ill.
Kerr, Homer Paddock	1925 Ag	Buffalo
Kerr, Lucy Edwards	1925 Ag	Hammondsport

Kerr, William Thompson	1921 L	North Tonawanda
Kessel, Marcel Hartwig	1921 A	Buffalo
Kessler, Don Hursh	1921 Ag	Fayetteville
Ketchum, Frederick Theodore	1923 A	Owego
Kevelson, Max	1921 M	New York City
Kevitz, Alexander	1923 A	Brooklyn
Kezer, Claude Allen	1922 Ag	Massena
Kidder, Hazel Letitia	1922 Ag	Sherman
Kiggins, Willard Augustus, jr.	1921 A	Elizabeth, N. J.
Kilborne, Charles Lucius	1923 V	Moravia
Kilby, John Homer	1923 Ag	Brooklyn
Kildow, William Hamilton	1924 M	Tiffin, Ohio
Kimball, David Wheeler	1924 Ag	Highland Park, Ill.
Kimball, Marjorie Gertrude	1924 A	Auburn
Kimball, Sylvester Dana	1922 C	New York City
Kimbell, James Fraser	1921 M	Los Angeles, Cal.
Kindregan, James Anthony	1924 A (Chem)	Conshohocken, Pa.
King, Alfred Herman	1924 A	White Plains
King, Charles Horace, jr.	1923 M	Cleveland, Ohio
King, Chou-Son	1924 Ag	Shanghai, China
King, Helen	1924 Ag	Middletown
King, John Harold	1924 M	East Cleveland, Ohio
King, Phebe Mabel	1922 A	Merrifield
King, Tang, B.S. (C.E.)	Grad	Shanghai, China
King, Theodore Franklin, jr.	1922 M	Chattanooga, Tenn.
King, William Robert	Sp M	Pittsburgh, Pa.
Kingsland, Frank Carlton	1921 M	Brooklyn
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	Hempstead
Kinsman, Daniel Francis	1921 Ag	Greene
Kinsolving, William Carey, jr.	1923 M	Fort Worth, Texas
Kirby, Edward Buckler	1924 C	Newark, N. J.
Kirby, Robert Stearns, M.S.	Grad	Ithaca
Kirch, Ralph Charles	1924 A	Keokuk, Iowa
Kirchner, Conrad Carleton	1924 A	Poughkeepsie
Kirkendall, John Swartout	1921 Ag	Ithaca
Kirkland, Luther Clinton	1921 Ag	Ithaca
Kirkpatrick, Ellis Lore, B.S. in Agr.	Grad	Ithaca
Kirkwood, Margaret Jean	1922 A	West Pittston, Pa.
Kirsch, Frederick William	1924 Ag	Rochester
Klages, Ellett Huber	1923 A	Brooklyn
Klages, Mary Alice	1924 A	Long Island City
Klein, Charles	1921 A (Chem)	Rockaway Beach
Klein, Howard Belmont	1924 A	Cleveland, Ohio
Klein, Hyman, A.B.	1923 MD (N.Y.C.)	Brooklyn
Klein, Philip Lawrence	1922 Ag	Brooklyn
Klein, Sadie	1921 A	New York City
Klein, Theodore, A.C.	1922 A (Chem)	Buffalo
Klenke, Edith Theodora	1924 A	New York City
Kline, Emil, A.B.	Grad	Hudson
Kline, Ernest Hall	1924 A	Nyack
Kliot, Nathan	1924 M	Brooklyn
Klock, Ruth Vera	1922 Ag	Phoenix
Klump, George Swartz	1923 A	Williamsport, Pa.
Knandel, George Jochmus	1924 M	Ilion
Knapp, Dwight Rufus, A.B.	1921 MD (N.Y.C.)	Danbury, Conn.
Knapp, Gurdon Horton	1924 C	Bay Shore
Knapp, Laurence Bernard	1922 Ag	Port Byron
Knapp, Ronald Glenn, B.S.	Grad	Port Byron
Knauss, Herman	1924 M	Poughkeepsie
Knauss, Walter Paul	1922 Ag	Poughkeepsie
Knight, Frank Burrows	1924 C	Highland Park, Ill.
Knight, Lucile Klouise	1922 A	Cortland
Knighton, Willis Sackett, A.B.	1923 MD (N.Y.C.)	New York City
Knipe, Donald Maclay	1923 M	New York City
Knobloch, Ellis Tracy	1924 M	Erie, Pa.
Knower, Eve Tenney, M.A.	Grad	Interwald, Wis.
Knowlton, Paul Holland, jr.	1924 M	Guilford, Me.
Knox, Charles Webster	1921 Ag	Brooklyn
Kobayaski, Teiji	Grad	Tokyo, Japan
Kobuski, Agnes Marie, B.A.	Grad	Gloversville
Kobuski, Clarence Emmeren	1924 Ag	Gloversville
Koehler, Arnold Wolfgang, jr.	1924 A	New York City
Koehler, John Henry, jr.	1921 C	Rockville Centre
Koehler, Milton Alphonse	1921 Ag	Lynbrook
Koenigsberger, Milton Julius	1924 A	New York City
Koerner, Helen Frieda	1924 A	Staten Island
Kohler, Albert Huntress	1922 C	Wilkes-Barre, Pa.

Kohlmeyer, Hugh Bernard	1924 A	New Orleans, La.
Kohm, Alfred Edmond	1923 M	Ithaca
Kohm, Raymond Albert	1923 C	Ithaca
Koller, Lewis, Richard, A.B.	Grad	New York City
Kollin, Edmund	1924 Ag	Cleveland Heights, Ohio
Koo, Nee Sun, B.S. (C.E.), M.C.E.	Grad	Shanghai, China
Kootz, Rachel	1923 A	Portsmouth, Va.
Kopki, Joseph	1923 A	Elmira
Kopman, Aeta	1923 A	Brooklyn
Korchien, Julius	1924 Ar	Rochester
Kovner, Bernard Jacob	1924 A	Brooklyn
Krahe, Herbert	1921 Ag	New York City
Krahe, Lawrence Carl Rubsam	1921 Ag	New York City
Kramer, Earl Samuel	1923 A	Akron, Ohio
Krause, Rudolph Edward, B.S.	Grad	Lake Charles, La.
Krauss, William Ernest	1922 Ag	Brockport
Krebs, Carl Erwin	1924 Ag	Gowanda
Krech, Karl Gilbert	1921 A (Chem)	Midland Park, N. J.
Kreinheder, Millard Robert	1922 A	Buffalo
Kreisel, George Reinhardt	1924 Ag	Amsterdam
Krentz, Edna Johanna	1922 A	Buffalo
Kretschman, Edwin Charles	1923 M	Elmira
Kretschmer, Beatrice Elizabeth	1922 A	Demarest, N. J.
Kreuter, Louise	1924 A	New York City
Krey, Elsie Caroline	1923 Ag	Washington, D. C.
Krieg, Edwin Holmes	1922 M	Woodhaven
Kriegsman, Edwin	1922 A	New York City
Kritzmacher, Ernest August Jacob	1924 A (Chem)	Newark, N. J.
Kroin, Harry Essler, A.B.	1923 MD (N.Y.C.)	New York City
Kroll, Stanley Perry	1922 M	Saginaw, Mich.
Krom, John Burns	1924 M	Saugerties
Kruger, Leola Josephine	1922 A	New York City
Krum, Olin Clifford, B.S.	Grad	Ithaca
Kuang, Pao Chang	1924 M	Hopei, Tientsin, China
Kuchler, Emma Gunther	1923 Ag	New Rochelle
Kuehnert, Lucy Emma	1922 A	McDonald, Pa.
Kugeman, William Emil, jr.	1922 A	West Cornwall, Conn.
Kuntz, Janet Zillah	1924 Ag	Treichler's, Pa.
Kupfer, Max	1922 C	Brooklyn
Kupstas, John	1924 M	Wilkes-Barre, Pa.
Kurfiss, John Frederick	1924 M	Indianapolis, Ind.
Kvakan, Pavao, Eng. of Agr.	Grad	Krizevci, Jugo-Slavia
Kwei, Ming-Sin	1922 M	Manila, P. I.
Kwit, Morris	1921 Ag	Brooklyn
Kwong, Chao Chi	1922 M	Lincheng, Chihli, China
Kwong, Tsae Ngoo	1921 A, 1924 MD	Shanghai, China
Laas, Aubrey Gilbert	1923 M	Whitesboro
Laborde, Salvador	1922 M	Havana, Cuba
Lacey, Harold Talbot	1921 A (Chem)	Binghamton
Lachowski, Mary	1925 A	New York City
La Corte, Antonio	Sp Ag	New York City
Lacy, Lucy Vernelia	1924 Ag	Skaneateles
Ladas, George	1924 Ag	New York City
Ladd, Walter Garnett	1922 M	Clarksville, Tenn.
LaFrance, John	1922 V	Ithaca
Laidlaw, William King	1922 A	Ellicottville
Laird, George Alvin	1923 M	Waterbury, Conn.
Lake, Francis Wilbur	1922 C	Burbank, Cal.
Lake, John Frederick	1921 Ag	Clinton, Iowa
Lake, Michael, A.B.	1922 MD (N.Y.C.)	New York City
Lakin, Albert Hall	1922 L	Emporia, Kansas
Lambert, Ronald John	1923 Ag	Brooklyn
LaMont, Dorothy Elizabeth	1924 A	Albion
Lamoureux, Clarence Eugene	1923 Ag	Ithaca
Landback, Pearl Evans	1925 M	Northumberland, Pa.
Landers, William Fisk	1923 A	Indianapolis, Ind.
Landes, George Harold	1924 A	Oberlin, Ohio
Landgraf, Dorothea Clark	1922 A	Sandusky, Ohio
Landon, Paul Samuel	1924 Ag	Brockton
Lane, Edward	1922 M	Genoa
Lane, Frederic Chapin	1921 A, Grad	Cambridge, Mass.
Lang, Edward Hill	1924 Ag	Jersey City, N. J.
Lang, Frederick Robert	1921 A (Chem)	Valley Park, Mo.
Lang, John Robert Andrew, jr.	1921 MD (N.Y.C.)	Mount Vernon
Lang, Murray Albert	1923 A	New York City
Langworthy, Ruth Phyllis	1924 Ag	Edmeston
Lansing, Paul Ford	1924 A	Cleveland, Ohio
Lansdale, Mary Elizabeth	1921 A (Chem)	Baltimore, Md.
Lansdowne, Robert Joseph	1923 A	Buffalo
Lansing, Arthur Cornelius	1921 A	Cambridge

Lape, Frederick Henry	1921 A, Grad	Esperance
Lapp, Isabel Pauline	1923 Ag	Dayton, Ohio
Larco, Rafael Victor	1924 A	Trujillo, Peru
Lardner, Gilmore Anthony	1921 A	Rock Island, Ill.
Large, Edward Wilson	1922 A (Chem)	Collingswood, N. J.
Larkin, Helen Louise	1924 Ag	Ithaca
Larkin, Leo Joseph	1921 A	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
LaRue, William Calfee	1921 Ag	Woodlawn, Va.
Lasater, Corinne	1922 A	Oklahoma City, Okla.
Lasher, Richard Earl	1921 M	New Hartford
Lassiter, Virginia Heath	1925 Ag	Petersburg, Va.
Lassiter, William Lawrence	1924 Ag	Albany
Lathrop, Frances Ann	1921 Ag	Angelica
Lathrop, Frank Waldo, A.B., M.S.A.	Grad	New London, Conn.
Lathrop, William Hamilton	1922 Ag	Wayne, Pa.
Latshaw, Margaret Elizabeth	1924 A	Forest Hills
Latz, Lawrence Morris	1921 M	Ithaca
Lau, Hing Huen Rose	1922 A	Hong Kong, China
Laubengayer, Albert Washington	1921 A (Chem)	Schenectady
Laubscher, Cora Rolfe, A.B.	Grad	Petersburg, Va.
Launt, Sarah Jantt e	1922 Ag	Walton
Lautz, Alfred Joseph	1924 M	Buffalo
Lawless, Edward James	1923 Ag	Utica
Lawrence, Agnes Alberta, M.S.	Grad	Ithaca
Lawrence, Claude Darwin	1923 M	Poughkeepsie
Lawrence, Cyril Stanley	1924 A	Washington, D. C.
Lawrence, Kenneth Claud	1924 Ag	Ellington
Lawrence, Vivian Streeter, jr., B.S.	1922 M	Churchland, Va.
Lawson, Albert Edward	1923 Ar	Philadelphia, Pa.
Lawson, Archie Nelson	1921 Ag	Brocton
Lawrus, Lillian Beatrice	1921 A	Brooklyn
Lazo, Charles Arthur	1921 Ag, Grad	New York City
Lazo, William Cornell us	1923 A	New York City
Lear, Gertrude Gugat ch	1923 A	Bethlehem, Pa.
Leary, Helen North	1922 A	Auburn
Leary, John Vincent	1923 M	Ithaca
Lebensohn, James Elzar, M.S., M.D.	Sp MD (N.Y.C.)	Chicago, Ill.
Lechler, Alfred Cobaugh	1921 Ag	Philadelphia, Pa.
Lechler, George Price	1922 Ag	Philadelphia, Pa.
LeCluse, Eugene Francis	1922 M	Great Neck
Lederer, Marie Louise	1922 A	New York City
Lee, Donald Hall	1923 Ag	Delhi
Lee, George Ludlow	1923 A	Newark, N. J.
Lee, George Sterling, jr.	1921 A	Rutherford, N. J.
Lee, Robert Edward	1922 L	Mount Vernon
Lee, Ruth Adeline	1921 Ag	Ellisburg
Lee, Walter Joseph	1922 M	Buffalo
Leech, Archer Olin, B.S. in M.E.	Grad	Eugene, Oregon
Leet, Alan George	1923 Ag	Point Chautauqua
Leet, Ernest Delos	1923 A	Jamestown
Leet, Phedora Floy	1922 A	Fredonia
LeFevre, DeWitt Chauncey	1925 M	Beaver Falls
Leffingwell, Burton Alpheus	1923 Ag	Ithaca
Leffingwell, Dana Jackson	1922 A	Aurora
Leffingwell, Harry Lester	1924 Ag	New York City
Leffler, Ethel Jeanette Julia	1924 A	Jamaica
Lefkowitz, Samuel	1921 A (Chem), Grad	Brooklyn
Legare, Ferdinanda Izlar	1922 Ag	Charleston, S. C.
Lehmann, Alvin Stanley	1921 C	Peoria, Ill.
Leiby, Rowland Willis, B.S.	Grad	Raleigh, N. C.
Leinbach, Harold Miller	1921 Ag	Reading, Pa.
Leister, Claude Willard, B.S.	Grad	Ithaca
Leitch, Paul Ward	1922 C	Wilkinsburg, Pa.
Lendway, Joseph	1923 M	Buffalo
Lentz, Albert Leroy	1921 M	Jackson, Mich.
Leonard, Chilson Hathaway	1923 Ag	New York City
Leonard, James Frederick	1924 M	East Orange, N. J.
Leonard, Lester Carpenter	1922 L	Belmar, N. J.
Leonard, Margery Wheldon, B.A.	Grad	Oakland, Me.
Leonard, Robert Norman	1924 M	Port Richmond
Leonard, William Milebam	1924 M	New York City
Leonardo, Jerry Russell	1921 L	Rochester
Leoni, Zelio Guillermo	1924 C	Cochabamba, Bolivia
Leopold, Victor Bernard	1925 M	Chicora, Pa.
Lerch, Cornelia Elizabeth	1922 Ag	Branchport

Lerch, Elizabeth Beaver	1923	Ag	Allentown, Pa.
LeRoy, Claude Arthur	1924	M	Cortland
Leahan, Abraham	1923	M	New York City
Lesser, Federico Adolfo	1923	A	New York City
Lesser, Martin	1923	A	New York City
Lester, Caroline Avery	1924	A	Seneca Falls
Leussler, Arthur Julian	1923	M	St. Louis, Mo.
Levene, Henry	1921	L	Binghamton
Levene, Hyman Charles	1921	M	New York City
Levi, Berthold Ismar	1923	A	Rochester
Levi, Olma C.	Sp	A	New York City
Levin, Albert David	1924	A	New York City
Levin, Harry	1921	A (Chem)	Newark, N. J.
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
Levis, John Preston	1924	M	Alton, Ill.
Levison, Maybelle	1924	A	Toledo, Ohio
Levitz, Oliver Sylvester	1923	Ag	Highland Mills
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	1923	M	New York City
Levy, Lawrence, B.S.	1923	MD (N.Y.C.)	New York City
Levy, Richard Michael	1924	A	New York City
Lewi, Alexander Gilland	1922	L	Montclair, N. J.
Lewis, Benjamin F.	1921	M	Utica
Lewis, Charles Edward	1923	Ag	Barryville
Lewis, Charles Elias Fowler	1924	C	Brooklyn
Lewis, Edward Howard	1921	M	New York City
Lewis, Frances Emily	1924	A	Norwich
Lewis, Henry Steele	1922	A (Chem)	Norfolk, Va.
Lewis, Leroy	1923	M	Norristown, Pa.
Lewis, Milton Tichenor	1923	Ag	Barneveld
Lewis, Mord	1925	M	Clarksburg, W. Va.
Lewis, William Lester	1922	M	Binghamton
L'Hommedieu, Howard Willis	1923	M	Chicago, Ill.
Liberman, Birdie	1924	A	Philadelphia, Pa.
Lichtenwallner, Milton Hawk	1923	Ag	Reading, Pa.
Lichtman, Solomon Sydney	1921	MD (N.Y.C.)	New York City
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	Ilion
Liebeskind, Morris	1921	C	New York City
Liebman, Samuel Harry	1925	M	Long Island City
Lifschitz, Charles	1922	M	Arverne
Lifshey, Louis Lawrence	1923	Ag	New York City
Lightfoote, Anna Elizabeth	1921	A	Geneva
Lightfoote, Ruth Edith	1922	Ag	Stanley
Lilienfeld, Leo	1921	A (Chem)	New York City
Lima, Ida Mary Margaret	1922	A	Nahant, Mass.
Linch, Frances Sophia	1922	Ag	Constableville
Lincoln, Harriet Gray	1923	Ag	Glens Falls
Lincoln, John Dickey	1924	M	Marion, Va.
Lind, Martin Edward	1925	M	Auburn
Lindeman, James McDonald	1925	Ar	Hamilton, Ont., Canada
Lindemer, Carl	1923	M	Trenton, N. J.
Lindsay, Daniel Curtis	1921	A	Beaver City, Utah
Lindsay, Frank, jr.	1923	Ag	Portsmouth, Va.
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	1924	A	New York City
Lintz, Robert Milton	1924	A	New Kensington, Pa.
Liotta, Salvatore	1923	A	Brooklyn
Lippincott, Charles Dudley	1924	M	Moorestown, N. J.
Lipsky, Merrill David	1922	A	Somerville, Tenn.
List, Carl Albert	1923	M	Hoboken, N. J.
Littauer, Stephen Lewis	1923	A	Yonkers
Little, Charles Warren	1921	L	Johnstown
Little, Clarence Jacob	1923	Ag	Sussex, N. J.
Little, Harold Falkner	1922	Ag	Addison
Liu, Chan Sung	1924	Ag	Brooklyn
Liu, Cheng Fang	1921	M	Shanghai, China
Liu, Chi Sheng	1922	C	Shanghai, China
Liu, Chung Lo	1923	Ag	Foochow, China
Liu, Jun Sheng	1922	M	Shanghai, China
Livant, Julius, B.A.	Grad		New York City
Livermore, James Northrup	1923	M	Gowanda

Livermore, Merle D.	1924 Ag	Ithaca
Livingston, Carl	1921 A	New York City
Llorens, Carlos Alberto	1924 M	Ponce, P. R.
Lobrano, Gus Stubbs	1924 A	New Orleans, La.
Lock, John William, jr.	1924 A	Vandergrift, Pa.
Locke, Ben Northcutt	1921 M	Mexico, Mo.
Lockhart, Gilbert Wiggins	1925 A	Ridgway, Pa.
Loebel, Robert Osias, B.A.	1921 MD (N.Y.C.)	Brooklyn
*Loebel, Sidney Harold	1922 A, 1923 L	Newark, N. J.
Loew, Alfred Jacob	1921 L	Floral Park
Logan, Glen Leslie	1923 M	Portage, Pa.
Logan, Joseph Dandridge, A.B.	Grad	Salem, Va.
Loh, Kia Chu, B.S.	Grad	Peking, China
Lohr, Harriett Marie	1924 Ag	Ithaca
Lomauro, James Rosario, A.B.	1924 MD (N.Y.C.)	Passaic, N. J.
Lomax, Henry Stanley	1923 Ag	Chicago, Ill.
Lombard, Louis, A.B.	1924 MD (N.Y.C.)	Brooklyn
Long, Richard Lewis	1923 A	Aurora, Ill.
Long, Russell Paul	1921 E	Watervliet
Long, Tudor Seymour, B.A.	Grad	Ithaca
Long, William Thomas	1923 Ag	LaFayette
Loomis, Amos Prescott	1922 C	Watertown
Loope, Clarence	1922 V	Cortland
Lord, Russell Farnum	1923 A	Port Jervis
Lorenz, Francis Joseph	1925 E	Newark Valley
Lottridge, Dorothy	1922 A	East Orange, N. J.
Louder, Earl Albert, B.S.	Grad	Huron, S. Dak.
Lounsbery, Julia Edith	1924 Ag	Brookton
Lovan, Charles Felix	1924 C	Springfield, Mo.
Love, Louise Sirena	1922 A	Verona, N. J.
Lovejoy, Frederic Kimball	1924 C	Manhasset
Loveland, Clara N.	1922 Ag	Auburn
Lowe, Ralph Goldsmith	1925 Ag	Middletown
Lowe, Ruth Elizabeth	1922 Ag	Ithaca
Lowe, Vassar Weber	1924 A	Venice Centre
Lowensohn, Leah Lazar	1921 A, Grad	New York City
Lowenstein, Helene Regina	1921 A	New York City
Lowrey, Ernest Rupert	1923 M	Section, Ala.
Lucas, Albert	1922 C	New York City
Lucas, Broder Frederick	1923 Ag	Champlain
Lucas, John Senior	1924 M	Lakewood, Ohio
Luce, Clark Colby	1922 A (Chem)	Glen Ridge, N. J.
Luce, Marion Viola	1924 Ag	Riverhead
Lucent, Santos Bellini, B.S.	1921 MD (N.Y.C.)	New York City
Ludewig, Edwin William Charles	1921 Ag	New York City
Ludington, Francis Henry	1924 E	St. Louis, Mo.
Ludins, George Horace	1924 V	New York City
Ludlow, Chester Wile	1924 M	Newark, N. J.
Ludlow, James Herbert	1924 C	Pittsburg, Kansas
Ludlum, Charles Daniel	1922 A (Chem)	Brooklyn
Ludlum, Walter Denton, jr.	1924 A	Brooklyn
Ludy, Marguerite Thora	1924 A	Newton Highlands, Mass.
Lueder, Cornelia	1924 Ar	Cherokee, Iowa
Luffman, Esther Louise	1925 Ag	Clyde
Luffman, Harold Wells	1923 Ag	Clyde
Lufkin, Harold Marshall, A.B., S.T.B.	Grad	Parkesburg, Pa.
Luhrs, Henry Ernst	1923 Ag	Brooklyn Manor
Lum, Clarence Kaswaapahulu	1923 C	Honolulu, Hawaii
Lumsden, David Victor	1921 Ag	Ithaca
Lumsden, George Quincey	1922 Ag	Ithaca
Lundie, Arnold Ernest, B. Sc., in Agr.	Grad	Idulywa Transkei, Cape Province, South Africa
Luque, Eduardo Diaz	1923 M	Mexico City, Mexico
Lurie, Bessie	1923 A	Brooklyn
Lurie, Harold Edward	1924 Ag	Brooklyn
Lurie, Mendel	1924 A	Brooklyn
Luscher, Ruth Margaret	1921 A	LeRoy
Luster, Robert Gamble	1924 M	Duluth, Minn.
Luther, James Henry	1923 M	Olean
Lyke, Helen Elizabeth	1924 Ag	Ithaca
Lyman, Frederic Pomeroy, jr.	1923 C	Kansas City, Mo.
Lynahan, Gertrude Mary	1922 Ag	Corning
Lynch, Harriet Louise	1924 A	Beacon
Lynch, James Francis	1924 A	Geneva
Lyons, Charles Ernest	1922 M	Danville
Lyons, Hannah Mathilda	1924 A	Uniontown, Pa.
Lyons, John Daniel, jr.	1923 A	Monticello
Lyons, Virginia Helen	1924 A	Syracuse
Lytle, Roy Cobb	1924 A	Pittsburgh, Pa.

*Deceased.

Ma, Yu Chi, C.E.	Grad		Amoy, China
Maahs, Arthur John	1922	C	Charleston, W. Va.
Mabee, Jennie Elizabeth, A.B.	1923	MD (N.Y.C.)	Ithaca
MacAdam, Janet Gregg	1921	A	Rome
McAllester, Allen Egbert	1923	Ag	Lake View
McAllester, Walter Griffin	1924	Ag	Lake View
McAllister, Frances Mary	1924	A	New York City
McAllister, Francis Joseph	1921	Ag Grad	Ithaca
McAllister, Margaret Mary	1924	A	New York City
McAllister, Miriam	1924	A	Elizabethtown, Pa.
McAllister, Thomas Donald	1922	A	New York City
McAlpine, Elizabeth Grace	1923	A	Richmond, Va.
MacBain, Kathleen	1922	Ag	Closter, N. J.
MacBain, Kenneth	1923	Ag	Closter, N. J.
MacBean, Donald Grant	1923	C	Philadelphia, Pa.
McBride, Frank	1922	V	Perry
McCabe, Anna Elizabeth	1921	A	Haverstraw
McCabe, John Alexander, M.D.C.M.	Sp	MD (N.Y.C.)	Windsor, Que., Canada
McCaffrey, Frederick William	1924	A	Ogdensburg
McCall, James Gibbons	1925	M	Steelton, Pa.
McCall, Julius Watkins, M.D.	Sp	MD (N.Y.C.)	Montgomery, Ala.
McCandless, Henry Ingram	1924	M	Haverford, Pa.
MacCarthy, Gerald Raleigh	1922	A	Ithaca
McCarthy, John Bernard	1925	M	Watkins
McCarthy, Rollin Herbert	1921	A	Cortland
McCartney, Alice Elizabeth	1924	A	Vienna, Ill.
McCausland, John Mitchell	1925	M	Pittsburgh, Pa.
McCheaney, Irvin G.	1923	M	Ontario Centre
McClain, John Phillip	1921	Ag	Bellaire, Ohio
McClatchy, John Benjamin	1921	C	Merion, Pa.
McClay, Edith Louise, A.B.	1923	MD (N.Y.C.)	Summit, N. J.
McClelland, Ralph Alexander	1921	L	Brooklyn
McClintock, Barbara	1923	Ag	Brooklyn
McClure, Donald Woodworth	1924	M	Youngstown, Ohio
McConaughy, Anna Upham	1921	Ag	New Dorp
McConnell, Douglass Weir	1923	C	Cuba
McConnell, Elliott Bonnell	1923	A (Chem)	Warren, Pa.
McConnell, James Asher	1921	Ag, Grad	Ithaca
McConnell, Leslie Frederick	1924	A (Chem)	Cuba
McConnell, Malcolm Rosebrook	1922	M	Lockport
McCooey, John Henry, jr.	1921	L	Brooklyn
McCormick, Donald	1921	Ar	Wilkes-Barre, Pa.
McCormick, Gordon Randolph	1922	A (Chem)	Wilkes-Barre, Pa.
McCormick, Martha Carolyn	1924	A	Binghamton
McCowen, Asher Daugherty	1922	M	Louisville, Ky.
McCoy, Charles Stickney	1921	V	Sussex, N. J.
McCracken, Henry Joy	1924	M	Pasadena, Cal.
McCray, LeRoy Partridge	1923	V	Ithaca
McCullough, Henry Geyer	1921	M	Brooklyn
McCullough, Robert Young	1924	M	West Webster
McDermott, John Francis, B.S.	1923	MD (N.Y.C.)	Schenectady
McDermott, Thomas Charles	1921	C	Stoneham, Mass.
MacDonald, Albert Marvin	1921	Ag	Lockport
Macdonald, Charles LaVaque	1924	M	Duluth, Minn.
McDonald, Delos Lyon	1921	M	Dubuque, Iowa
McDonald, Fred Lemuel	1922	A	Indianapolis, Ind.
MacDonald, James John	1923	C	Port Richmond
Macdonald, John Dodds	1924	A (Chem)	Woodbury, N. J.
McDonald, John Manderson	1921	M	Dubuque, Iowa
McDougall, Donald	1923	A	Westfield, N. J.
MacDougall, James Campbell	1922	M	Morris Plains, N. J.
McEdward, John Gordon	1921	A	Hollywood, Cal.
McElfresh, John Lister	1921	A (Chem)	Baltimore, Md.
McFadden, Thomas Joseph	1922	A	Staten Island
McFadzean, Neil Palmer	1922	Ag	Denver, Colo.
McGahan, James Cornelius	1921	Ag	Troy
McGavock, Gurdon Pendleton	1922	M	Max Meadows, Va.
McGhee, John Francis	1924	M	Pittsburgh, Pa.
McGlynn, Anna Mabel	1923	Ag	Lockport
McGrath, Edward Arnold	1925	E	Memphis, Tenn.
McGrath, Edward Maloney	1923	A	Lockport
McGrath, James Edward	1924	M	Union Springs
McGraw, Robert Bush, A.B.	1921	MD (N.Y.C.)	Cortland
McGuire, Peter Stephen, A.B.	Grad		Buffalo
McHargue, James Spencer, M.S.	Grad		Lexington, Ky.
Machlett, Raymond Robert	1922	M	New York City
McIlroy, Malcolm Strong	1923	M	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.
KcKelvey, Margaret Jane	1922 A	Oil City, Pa.
Mackenzie, Alexander Waters, jr.	1923 Ag	Brooklyn
MacKenzie, John Wilbur	1921 M	Providence, R. I.
Mackeown, Samuel Stuart, A.B.	Grad	Ithaca
Mackey, Charles David	1921 A	Montrose, Pa.
McKim, Donald William	1925 M	Vandergrift, Pa.
McKinney, Robert Franklin	1924 A	Madison, N. J.
McKnight, Herbert Winfield	1922 A	Fulton
MacLean, Malcolm Browne	1924 M	Miami, Fla.
McLean, True	1922 M	Staten Island
McLeod, James Carlisle, A.B.	1922 MD (N.Y.C.)	Florence, S. C.
MacMahon, Arthur Cummings	1924 A	Elmira
McMahon, Thomas William	1923 M	Baraboo, Wis.
MacMannis, Thomas Everett, B.S.	1923 C	Frostburg, Md.
McMaster, Marcus Aurelius	1921 Ag	Rochester
McMillan, Catherine Elizabeth	1921 A	Delanson
McMillan, Marion	1922 A	Delanson
MacMillan, Oscar Townsend	1924 A (Chem)	Phillipsburg, 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	1923 V	Freedom
McNally, John Michael, A.C.	1922 A (Chem)	Buffalo
Macnamara, George Augustine	1921 A	Staten Island
Macnaughton, Elizabeth, A.B.	1922 MD (N.Y.C.)	Brookline, Mass.
MacNaughton, Lewis Winslow	1924 A	Ithaca
McNeil, George M.	Sp Ag	Winthrop, Mass.
McNeil, John James	1924 M	New York City
MacNeil, Wilbur James, M.S. in Agr.	Grad	Honolulu, Hawaii
MacNicol, George Bone	1922 C	New York City
McNicol, Margaret Bone	1923 Ag	New York City
McNulty, Edward Thomas, jr.	1923 M	Wheeling, W. Va.
McPhail, John Ellis	1924 M	Baltimore, Md.
McPherson, Roger Davis	1921 Ar	Palmyra
MacQueen, James Donald	1925 M	Horseheads
McStocker, Francis Blakeley	1921 M	Honolulu, Hawaii
McSweeney, Edward Daniel	1922 Ag	Fulton
MacTaggart, Alexander, M.S. in Agr.	Grad	Wellington, New Zealand
McVeigh, Lake Matthew	1924 M	Saratoga Springs
McWhinney, Marion Agnes	1924 A	Pittsburgh, Pa.
McWilliam, Charles Milton, jr.	1924 C	Perth Amboy, N. J.
McWilliam, William Henry	1925 Ag	Arlington
Madden, William Francis	1921 C	Cortland
Madrigal, Ramon Monteloyola, A.B.	1924 C	Boac, Marinduque, P. I.
Maduro, Denis Brandon	1923 A	New Rochelle
Magee, Edward Burgess	1923 M	Buffalo
Magee, Lily Diana	1924 A	New York City
Magee, Milton Burton	1924 Ag	Warrensburg
Magee, Norman Heberton	1923 M	Magnetic Springs, Ohio
Magill, Arthur Schoellkopf	1924 A (Chem)	Tidioute, Pa.
Maher, Marie Antoinette	1923 A	Cortland
Mahl, William	1921 A	New York City
Mahon, William Francis, jr.	1922 M	Baltimore, Md.
Mahoney, John Joseph, jr.	1924 A	Atlantic City, N. J.
Mahoney, Louis Kuehnle	1924 A	Atlantic City, N. J.
Mahony, George Kane	1924 Ag	Averill Park
Maia, Nelson Barcellos, B.S.	Grad	Pelotas, Brazil
Maier, Edward Leonard	1921 C	Washington, D. C.
Maier, Edwin Thomas	1923 A (Chem)	Jersey City, N. J.
Maier, Roland Leonard	1923 A	Schenectady
Main, Amos LaVerne	1921 M	Myers
Mains, Laurence Patton	1924 C	Crete, Nebr.
Maldoon, Clinton Savage	1924 Ag	Dexter
Maleson, Leonard	1923 M	Philadelphia, Pa.
Mallam, Edward Duncan	1925 M	Niagara Falls
Mallery, William Taber	1921 M	Owego
Mallory, Burton Cowles	1921 M	Hartford, Conn.
Mallory, Edmund Thompson	1923 Ar	Saratoga Springs
Mallory, Gerald DeWitt	1923 M	Deposit
Malmud, Helen	1924 A	Brooklyn
Malmud, Rose Susan, B.A.	Grad	Brooklyn
Malone, William Lawrence	1922 M	New York City
Maloney, John Mathew	1922 A	Brooklyn
Maloney, William Michael	1921 A, 1924 MD	St. Paul, Minn.
Maltby, Floyd Lee	1923 L	Ithaca
Maltby, Lucy Mary	1921 Ag	Corning
Manchee, Alleyne Willmott	1922 M	Newark, N. J.

Manchester, Robert Harold, jr.	1923 M	Merrifield
Manchester, Wilbur Oscar, C.E.	Grad	Nassau
Mandel, Harry	1923 A	Brooklyn
Mandel, Leon, 2d	1923 A	Chicago, Ill.
Mandeville, Harold Theron	1924 Ag	Ithaca
Mange, Winthrop Everett	1922 M	Ithaca
Manheimer, Robert Jacques	1924 A	New York City
Mann, William Holton	1923 Ag	Glens Falls
Mara, Raymond John	1923 M	Toledo, Ohio
Maram, Sol	1922 Ag	Liberty
Marble, Thomas Frederick	1924 C	Ithaca
Marcoglou, Aristides Sawas	1921 M	Brooklyn
Marinaro, John	1924 A	Newark, N. J.
Mark, Monroe Charles	1923 A	Amsterdam
Markley, Alton LeFevre, B.S. in Chem.	Grad	Bellingham, Wash.
Markowitz, Leo, A.B.	1923 MD (N.Y.C.)	New York City
Marks, Bertha Anna	1923 A	Jamaica
Marks, Kenneth Weale	1925 M	Elmira
Marks, Maxwell Sandheimer	1922 A	Cincinnati, Ohio
Markwood, Frank Edward	1922 A	Oakland, Fla.
Marsh, Alfred Henry, jr.	1923 M	Washington, D. C.
Marsh, Helen Margaret	1923 A	Waterloo
Marsh, Helen Townsend	1921 Ag	Interlaken
Marsh, Lucy Edith	1924 Ag	Brookton
Marsh, Stuart Jenks	1925 M	West Hartford, Conn.
Marsh, Walter Horton	1923 M	Pittsburgh, Pa.
Marshall, Archibald Warren	1921 L	Deming, N. M.
Marshall, Donald Emerson	1922 Ag	West Hoboken, N. J.
Marshall, James Summer	1923 V	Morrisville
Martens, James Hart Curry	1921 C	Shrub Oak
Martin, Addison Farris, jr., B.S.	1922 M	Laurens, S. C.
Martin, Albert Rankin	1923 Ar	Chicago, Ill.
Martin, Alexander Campbell, A.B.	Grad	Oberlin, Ohio
Martin, Alice Couzens	1921 A, Grad	Yonkers
Martin, Charles Ellison	1921 C	Rochester
Martin, Chester Barton	1923 Ag	Clarence Center
Martin, Clarence Augustine, jr.	1925 A	Ithaca
Martin, Clarence Stuart	1923 M	Webster
Martin, Edward Joseph, jr.	1924 M	Tarrytown
Martin, Gerald Houghton	1924 Ag	Lima
Martin, Gertrude	1923 A	Ithaca
Martin, Herbert Francis	1921 Ag	Sea Cliff
Martin, Louis Charles	1922 M	Amityville
Martin, Mabel Florence, A.B.	Grad	Springfield, Mass.
Martin, Martha Elizabeth	1921 A	Catskill
Martin, Paul Gardner	1924 M	Cleveland, Ohio
Martin, William Clifford, M.A.	Grad	London, Ont., Canada
Martinez, Andrew Richmond	1921 L	New Orleans, La.
Martinez, Arthur C.	1922 C	Bogota, Colombia
Marx, Milton David, A.B.	Grad	Highland Park, Mich.
Mashek, Margaret Bell	1924 A	Newark, N. J.
Mason, Clyde Walter, A.B.	Grad	Ithaca
Mason, Elliott Butler	1921 Ar	Milwaukee, Wis.
Mason, Margaret Lucy	1923 A	Ithaca
Mason, Rodney	1922 A	Sackets Harbor
Massey, Stuart Channell	1924 A (Chem)	Malone
Massingham, Richard Stephen	1923 M	Crafton, Pa.
Master, Arthur Matthews, B.S.	1921 MD (N.Y.C.)	New York City
Mather, Charles Ronald	1921 A	Montclair, N. J.
Mather, Forrest Elger	1923 Ag	Moravia
Mather, John Card	1923 M	Pittsburgh, Pa.
Mathews, Frances Iona	1921 Ag	Valois
Mathewson, Gertrude	1923 Ag	Arrochar
Mathewson, Joseph Bryant	1923 Ag	Bath
Mathiesen, Christian Pierre	Grad	Kristiania, Norway
Matson, Richard McConnell	1922 M	Ithaca
Matson, Thomas Templeton	1924 M	Brookville, Pa.
Matt, Walter Joseph	1924 M	Utica
Matthews, Thomas Ignatius, B.S. in E.E.	Grad	Denver, Colo.
Matthiessen, Ira Cornwall	Sp M	Chicago, Ill.
Mattison, Arthur Carroll	1923 Ag	Comstock
Mattoon, James Harris	1922 M	Pittsfield, Mass.
Mattson, May Margaret	1923 Ag	Jamestown
Mauceri, Michael Anthony	1923 C	Harrison
Maurer, Marie Therese	1922 M	Saint-Briac, France
Maury, Richmond, B.S.	Grad	Norfolk, Va.
Maus, Anne Benner	1924 A	South Bend, Ind.
Maus, Frank Charles	1923 V	Johnson City
Mawha, James Kenneth	1921 M	Newark, N. J.
Maxson, Clark Perdue	1921 M	Cleveland, Ohio
May, Frederick Arthur, A.B.	Grad	Brooklyn

May, Philip Stearns	1923	Ag	Ashburnham, Mass.
Mayer, Clyde	1921	M	Williamsport, Pa.
Mayer, John Davenport	1922	M	Bath
Mayer, Lauren Drake	1924	M	Toronto, Ont., Canada
Maynard, Harold Bright	1923	M	Northampton, Mass.
Maynard, Kingsley Darwin, A.B.	1921	MD (N.Y.C.)	Roscoe
Mazzarella, Marguerite Esther	1924	Ag	Sidney
Meacham, Edna Lillian, A.B.	Grad		Carlisle, Pa.
Mead, Harvey Linwood, jr.	1923	M	New York City
Mead, Lowry Townsend, jr.	1923	Ag	Brooklyn
Mead, Raymond Benedict, B.A.	1921	Ag	Connelly
Mead, Walter Russell, B.A.	1922	MD (N.Y.C.)	Geneva, Ohio
Meaker, Ellis Robert	1923	A	Auburn
Meaker, Josephine	1923	A	Auburn
Meal, William Guy	1923	Ag	Lockport
Means, Edgar Lincoln	1923	A	Omaha, Nebr.
Mears, William Hodgson	1922	Ag	Brooklyn
Meays, Helen Marjorie	1923	Ag	Baldwinsville
Medlong, Frederick William	1921	Ar	Oswego
Meehan, Agnes Marie	1921	A	Troy
Meehan, John Edwin	1923	A	San Diego, Cal.
Megaro, Gandence	1924	A	Newark, N. J.
Meigs, Basil Clendenin	1924	C	Washington, D. C.
Meigs, Return Jonathan, jr.	1925	M	Westfield, N. J.
Meinhold, Louis	1921	A	New York City
Meirowitz, Clement Eugene	1924	A	New York City
Meisels, Harry	1922	Ag	New York City
Meisler, Jacob	1924	A (Chem)	Lakewood, N. J.
Mekeel, 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
Menaker, Leonard Marx Aveling	1922	Ag	New York City
Menasvetta, Prasiddhi	1923	M	Bangkok, Siam
Mendez, Jose Antonio	1924	M	Ponce, P. R.
Mendez Gonzalez, Carlota	1924	A	Ponce, P. R.
Mendez Mercado, Pedro	1925	M	Ponce, P. R.
Menkin, Leonidas	1922	M	New York City
Menninger, William Claire, A.B.	1924	MD (N.Y.C.)	Topeka, Kansas
Mentzinger, William Frederick, jr.	1922	C	Arverne
Mera, Jose Rafael	1923	M	Arecibo, P. R.
Merchant, Charles Henry, B.S.	Grad		West Monroe
Mercolino, Patrick Vincent	1922	L	Bayonne, N. J.
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
Merrell, Charles Marquis	1923	A	St. Louis, Mo.
Merrell, George, jr.	1921	A	St. Louis, Mo.
Merrill, Earl DeWight	1921	Ag	Bristow, Va.
Merrill, Frederic Brettell, B.S.	Grad		Schoharie
Merrill, Harold Arthur	1922	Ag	Ithaca
Merris, 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.
Metcalfe, Sarah Josephine	1923	Ag	Great Kills
Metzgar, Herman Arthur	1921	M	New York City
Meulendyke, Oswald Kvoes	Sp	Ag	Rochester
Meyer, Aline	1923	A	Lake Charles, La.
Meyer, Bernard	1924	A (Chem)	Richmond Hill
Meyer, Henry Coddington, 3d.	1923	M	Montclair, N. J.
Meyer, Jerold Strouss	1923	A	Youngstown, Ohio
Meyer, Karen Elisabeth	Sp	Ag	Copenhagen, Denmark
Meyer, Maria Gesine	1923	A	Richmond Hill
Meyers, Evert William	1925	M	Anaconda, Mont.
Michael, Grace Vivian	1922	A	Washington, D. C.
Michel, Achilles Edmund	1922	M	Buffalo
Mielcarek, Francis	1923	M	Buffalo
Mifflin, William Biddle	1922	C	Clayton
Migrdichian, Vartkes, A.B.	Grad		Rodosto, Turkey
Mihalko, Richard Barnes	1921	Ag	Hobart
Miles, Dewitt Charles	1923	M	Yonkers
Mill, Edgar Leslie	1924	M	Mount Vernon, Ohio
Millar, Robert Schilling	1923	M	Rockaway Beach
Miller, Abraham Eliot	1921	A (Chem)	New York City
Miller, Armonde Kelsey	1923	M	Olean
Miller, Charles Karleton	1921	M	Rochester
Miller, Charles Stern, A.B.	1922	MD (N.Y.C.)	Corona
Miller, Charles Wade, B.S.	1921	M	Ithaca
Miller, Edward Tryon	1924	A	Woodland

Miller, Elliot Abraham	1921	A (Chem)	New York City
Miller, Ernest Parker	1924	M	Comachie
Miller, Evelyn Harriet	1922	A	Corona
Miller, Frank Edward, jr.	1922	Ag	Rochester, Pa.
Miller, Frank Harding	1925	M	Columbus, Ohio
Miller, Frank William	1925	M	Ithaca
Miller, George William	1924	M	Rochester
Miller, Gwendolyn Evangeline	1924	A	Middle Island
Miller, Harold Edward	1922	M	Albany
Miller, Harold Gordon	1923	M	Ithaca
Miller, Harold Seiberling	1922	A	Akron, Ohio
Miller, Helen Arlene	1924	Ag	Owego
Miller, Henry Francis	1923	M	Utica
Miller, Joseph Kerwin, jr.	1923	M	New Kensington, Pa.
Miller, Leon Herbert	1924	Ag	Nunda
Miller, Lewis Charles	1921	M	Ithaca
Miller, Lillian Evelyn	1923	Ag	Ithaca
Miller, Mary Alida	1921	Ag	Warsaw
Miller, Mary Helen	1922	Ag	Ithaca
Miller, Neva	1924	Ag	New York City
Miller, Norman Russell	1924	M	Ticonderoga
Miller, Roy Benson	1924	A	Painted Post
Miller, Robert Mathias	1923	V	New York City
Miller, Ruth Elizabeth	1924	Ag	Phelps
Miller, Selma Louise	1924	A	Syracuse
Miller, Thomas Rabe	1923	A	Canton, Ohio
Miller, Trelford Simpson	1924	V	New York City
Miller, Walter Lewis, A.B.	1922	L	Thompson, Pa.
Miller, Walter Scott	1921	Ag	Brooklyn
Milligan, Lowell Haines, B.Ch. E., M.Sc.	Grad		Columbus, Ohio
Milliken, Albert Edward	1924	Ar	New York City
Milliken, Frederick Archibald	1923	M	Poughkeepsie
Milmoe, James DeLarg	1923	C	Canastota
Milmoe, Robert Sandford	1923	M	Canastota
Mills, Arthur Kenward	1922	Ag	Binghamton
Mills, Harold Strycker, B.S.	Grad		Ithaca
Millspaugh, Annie Milne	1922	A	Brooklyn
Miner, Harry George	1922	M	Louisville, Ky.
Minker, Roger Rittenhouse	1924	A	Wilmington, Del.
Minns, Lua Alice, M.S. in Agr.	Grad		Ithaca
Minskey, George Robert	1923	C	East Lansing, Mich.
Minsky, Henry J., B.S., M.D.	Sp	MD (N.Y.C.)	Brooklyn
Minton, Paul Haring	1921	M	Chatham, N. J.
Minturn, Marion Katharine	1922	Ag	Auburn
Minty, John Emery	1921	M	Muskegon, Mich.
Mirasol, Amando Tejam, A.B.	1924	M	Manila, P. I.
Miscall, Jack	1923	Ag	Albany
Mish, Frank Winder, jr.	1921	A	Hagerstown, Md.
Mishnun, Eleanor	1924	A	New York City
Miske, George	1922	A	Waterbury, Conn.
Mitchell, Alice Pauline, A.B.	Grad		Ithaca
Mitchell, Charles Malcolm	1921	C	New York City
Mitchell, Dale Raymond	1921	A	Ithaca
Mitchell, Frank Bradford	1922	Ag	Brooklyn
Mitchell, Frank VanEppe	1923	C	Chicago, Ill.
Mitchell, Robert Arthur	1921	Ar	Norfolk, Va.
Mitnick, Israel Edward	1922	Ag	Brooklyn
Mittelman, Leo Bernard	1923	A	Long Island City
Modjeski, Charles E. J.	1921	C	Chicago, Ill.
Moesfelder, William John, B.S.	1923	V	New York City
Moffitt, Robert Colburn	1921	M	Wallace, Idaho
Moffitt, Thomas Edward	1922	A	Wallace, Idaho
Mogensen, Allan Herbert	1923	M	Plainfield, N. J.
Molinet, Enrique Roberto, M.E.	Grad		Delicias, Oriente, Cuba
Molinet, Joaquin	1921	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	1924	A	Johnstown
Monroe, Robert L.	1922	C	Ithaca
Monroe, Roswell Miller	1922	V	Liberty
Monsees, Madeleine Kathryn	1924	A	Brooklyn
Montague, Doris	1923	A	New Rochelle
Montemayor, Mariano Rangel	1922	V	Alaminos, Pangasinan, P. I.
Montenegro, Carlos	1924	M	Buenos Aires, Argentina
Monteverde, Frances	1922	A	Jersey City, N. J.
Montgomery, Elizabeth Calhoun	1921	A	West Augusta, Va.
Montgomery, Maurice Warwick	1924	A	Warsaw
Montgomery, Morris Mead	1924	M	Evanston, Ill.
Moody, Alden Howard, B.S. in Ch. E.	Grad		Concord, N. H.
Moody, Jean	Sp	A	Pittsfield, Mass.

Moon, Charles, B.S., C.E.	Grad	Morgantown, W. Va.
Moon, Merl Perrott, A.B., M.S.	Grad	Beaver Falls, Pa.
Mooney, Arthur Edward	1924 Ag	Waterville
Moore, Anna Lardner	1921 A, 1924 MD	Mooresville, N. C.
Moore, Arthur Hale	1921 C	Benton, Pa.
Moore, Arthur Rose	1923 A	Fredonia
Moore, Coleman Bassett	1924 A (Chem)	Bryn Mawr, 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, John MacLeod	1921 A (Chem)	Fredonia
Moore, Norman Slawson	1924 A	Ithaca
Moore, Paul Fredrick	1922 A	Watertown
Moore, Paul James	1924 A	Auburn
Moore, Philip Wilson	1925 M	White Plains
Moore, Roy Wallace, B.S.	Grad	Silver Creek
Moot, Edmund Northup	1922 Ag	Richmondville
Moran, Blanche Esther	1924 Ag	Palmyra
Moran, Mary Josephine	1922 A	Middletown
Moran, Theodore Carlisle	1924 M	Seneca Falls
Morchower, Harry	1924 M	Newark, N. J.
Morehouse, James Henry	1923 M	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, Carlton James	1921 V	Herkimer
Morgan, Frederick John	1921 A (Chem)	Mountain Lakes, N. J.
Morgan, Godfrey, jr.	1922 A	Buffalo
Morgan, John Spackman	1924 A	Punxsutawney, Pa.
Morgan, Mary Ives	1921 Ag	Ithaca
Morgan, Otho Herron, 2d.	1924 A (Chem)	Highland Park, Ill.
Morgan, Richard Rose	1924 E	New London, Conn.
Morgan, Wesley Vernum	1924 C	Penn Yan
Morgan, Willis Dickinson	1923 A	Sprakers
Moriarty, Mortimer Emmett	1921 A	South Manchester, Conn.
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 M	Ithaca
Morris, Charles Elmer	Sp Ag	Alpine
Morris, Dora	1922 L	Amsterdam
Morris, Fred Bishop	1923 Ag	Shelbyville, Ind.
Morris, Grace Evelyn	1922 A	Buffalo
Morris, Henry Gray, A.B.	1921 MD (N.Y.C.)	Jamestown
Morris, Ruth Mae, B.A.	1923 MD (N.Y.C.)	Chicago, Ill.
Morrisette, Charles Dodson	1925 C	Norfolk, Va.
Morrison, Joseph Partridge	1922 Ag	Yonkers
Morrison, Malcolm Chapman	1923 M	Ithaca
Morrow, Charles Tracy	1923 M	Sugar Run, Pa.
Morrow, Glenn Raymond, A.M.	Grad	Crane, Mo.
Morrow, John Clifford	1924 A	New York City
Morrow, Margaret Weir	1921 Ag	Ithaca
Morse, Charles Walter	1921 A (Chem)	Amsterdam
Morse, David	1924 C	West Roxbury, Mass.
Morse, David Sherman, Pd.M., A.M.	Grad	Denver
Morse, Donald Emerson	1924 M.	Rochester
Morse, Louis Jerome, B.A.	1922 MD (N.Y.C.	Richmond Hill
Morse, Rowena Allen	1923 A	Ithaca
Morton, Stanley Francis	1924 M	Pittsburgh, Pa.
Moses, Nathan	1922 L	New York City
Mosher, Florence Irene	1923 A	Philadelphia, Pa.
Mosher, James Howell	1922 M	Ithaca
Mosher, Sidney Wood, C.E.	Grad	Poplar Ridge
Mott-Smith, Harold Meade, B.A.	Grad	Schenectady
Motycka, Anna	1923 A (Chem)	Utica
Motycka, Joseph	1922 M	Utica
Mountain, Joseph Loughlin	1924 A	Olean
Mouronval, Alice Emma Louise	1923 A	Staten Island
Movshovitch, Florence Maxine	1921 A	New York City
Mowrey, Carl Francis	1925 M	Ithaca
Moyer, Robert Raymond	1922 M	Plainfield, N. J.
Moyle, William Davies	1922 Ar	Plainfield, N. J.
Mrozek, Emil Charles	1924 A	Depew
Muenscher, Walter Conrad, A.M.	Grad	Lynden, Wash.
Muesebeck, Carl Frederick William, B.S.	Grad	Ithaca
Mulholland, Andrew Murdock	1923 M	Fort Wayne, Ind.
Mullaly, Carter	1923 M	Long Beach, Cal.
Mullaney, John Barry	1923 A	Corning
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, Richard	1921 M	New York City
Muller, Sylvia	1923 A	New York City
Mulliken, Champlin Burritt	1925 Ag	Pelham
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
Munsick, George	1921 A	Maplewood, N. J.
Munson, Arthur Louis	Sp Ag	Ithaca
Muntz, William Emanuel	1921 A	Buffalo
Muran, Maurice Elias	1924 A	Boston, Mass.
Murlless, Barbara Arden	1921 A	Hartford, Conn.
Murphy, Emmet James	1922 A	St. Paul, Minn.
Murphy, Frances Sarah	1924 A	Martinsburg
Murphy, Francis H.	1923 M	Sayre, Pa.
Murphy, Harold Peter	1924 A	New Rochelle
Murphy, Raymond Willis	1924 Ag	Port Chester
Murray, Donald Powell	1923 A (Chem)	Washington, D. C.
Murray, Earl William	1922 L	Ithaca
Murray, George Washington	1924 Ag	Mount Vernon
Murray, Lottie Effie Guerrant	1923 A	Boone Mill, Va.
Murray, William Colman	1922 A	Dunkirk
Murrell, William Carey, B.E.	Grad	Wilmington, N. C.
Murtha, William Henry	1924 A (Chem)	Niagara Falls
Musick, Doris	1924 A	Sutton, Ky.
Musselman, Jackson	1925 M	Baltimore, Md.
Mutchler, John Powell	1922 C	Washington, D. C.
Muth, Frederick Jefferson	1921 A	Lititz, Pa.
Myers, George	1923 A	Cohoes
Myers, Joseph Allen, jr.	1921 Ag	Bryan, Texas
Myers, Kathryn Cecelia	1924 A	Troy
Myers, Oscar	1921 A (Chem)	Hartford, Conn.
Myers, Walter Chapman	1922 M	Ridgewood, N. J.
Mykrantz, Frank McCormick	1923 A	Columbus, Ohio
Myrick, Donald Wisner	1922 M	Brooklyn
Myton, Walter Smucker	1923 M	Johnstown, Pa.

Nachmani, Isaac, A.B.	1922 MD (N.Y.C.)	Rechoboth, near Jaffa, Palestine
Naden, Edwin Thomas	1923 M	Olympia, Wash.
Nadherny, Russell John	1921 M	Chicago, Ill.
Nadler, Isaac Wachs	Sp Ag	New York City
Nadler, Sol Joseph Rexwood, B.S., M.E.	Grad	Gadsden, Ala.
Naeter, Albrecht, B.S. in E.E.	Grad	New Baden, Texas
Nagel, Alfred William	1925 M	Ensley, Ala.
Nahama, Joseph Jack	1921 Ag	New York City
Nakamoto, Hayato	1924 M	Hilo, Hawaii
Nalty, Raymond Joseph	1923 A	Brookhaven, Miss.
Nansen, Irmilin	Sp Ag	Kristiania, Norway
Narefsky, Dorothy	1924 A	New York City
Nash, Thomas Palmer, jr., A.M.	Grad MD (N.Y.C.)	Elizabeth City, N. C.
Nasmyth, Florence Gross, A.B.	Grad	Ithaca
Navin, Stephen Joseph	1923 Ag	New York City
Naylor, George Windsor	1922 A (Chem)	Stamford, Conn.
Nazor, Howard Mussett	1923 L	Ashtabula, Ohio
Neale, William Wallace	1921 M	Richmond, Va.
Nearing, Guy M.	1924 Ag	Bowling Green, Ohio
Needham, Paul Robert	1925 Ag	Ithaca
Needham, Virginia Walton	1923 A	Ithaca
Needham, William Reueh	Sp Ag	Ithaca
Needu, Maganti Bapi	1924 Ag	Madras, India
Neff, Mildred Elizabeth	1924 Ag	Buffalo
Neill, Edward Ellington	1921 A	Ithaca
Nellis, Clive Harris	1924 A (Chem)	Herkimer
Nelson, Ernest William, A.B.	Grad	Brockton, Mass.
Nelson, Harold George	1923 V	Clinton Corners
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	1925 C	Pittsburgh, Kansas
Neu, Edgar Wesley	1921 C	Buffalo
Neuhoff, Norman George	1924 M	St. Louis, Mo.
Neun, John Henry	1922 C	Rochester
Nevens, Milton Alson	1923 V	Glens Falls
Neville, Willis Cushing	1924 A	Rochester
Nevins, Margery Susan	1924 Ag	Ithaca
Nevins, Robert Marcley, jr.	1922 Ar	Ithaca
Nevitt, John Victor, B.S.	1924 V	Monte Vista, Colo.
Newbery, Alice Elizabeth	1923 A	Middle Falls
Newby, Arthur Brazil	1921 M	Quanah, Texas

Newcomb, Eric McGee	1924 A	Woods Hole, Mass.
Newhall, Allan Goodrich, B.S. in Agr.	Grad	Minneapolis, Minn.
Newman, Irving, B.A.	1922 MD (N.Y.C.)	New York City
Newman, Jacob Kiefer, jr.	1923 A	New Orleans, La.
Newman, Jeannette Frankenberg	1924 A	Bisbee, Ariz.
Newman, Lawrence Weddell	1923 M	Cleveland, Ohio
Newman, Leona Stella	1924 A	New York City
Newman, Ruth	1921 Ag	Churchville
Newton, Elizabeth Olney	1923 A	Los Angeles, Cal.
Newton, Miles Coral	1925 C	Pine Valley
Newton, Samuel Marsden	1922 M	Dunkirk
Nichols, Helen Colegrove	1924 Ag	Buffalo
Nichols, James Burton	1923 A (Chem)	Danbury, Conn.
Nichols, Mary Ginevra	1923 Ag	Watkins
Nichols, Melvin L., B.Chem	Grad	Dayton, Ohio
Nichols, Phillips Brooks	1924 Ar	Buffalo
Nichols, Walter Palmer, jr.	1925 M	Brooklyn
Nicholson, Bruce Jesmond	1924 M	Wilkes-Barre, Pa.
Nicholson, James Starr	1921 Ag	Pittsburgh, Pa.
Nickerson, Helen Elizabeth	1925 Ag	Norwood
Nickerson, Paul Urban	1922 C	Needham, Mass.
Nicolaides, George James	1923 Ag	Zoupena, Sparta, Greece
Niedeck, James Albert	1921 M	Ithaca
Niedringhaus, Paul Eugene	1922 A	Pittsburgh, Pa.
Nielsen, Harold Villers	1922 M	Plainfield, N. J.
Nieman, Anton Willem Fredrik	Grad	The Hague, Holland
Niinomi, Kunitaro	Grad	Dairen, Manchuria, China
Nile, Abbott Howe	1923 A	Rumford, Me.
Niles, Edgar Dewitt	1923 M	Brooklyn
Nims, Arthur Van Doren	1923 M	Brooklyn
Nitzberg, Frank	1922 M	Baltimore, Md.
Nixon, Jack Fredrick	1924 M	Atlantic City, N. J.
Nobile, Joseph Charles	1925 M	New York City
Noble, Lawrence Everman	1921 Ag	Houston, Texas
Noble, Mildred Imogene	1922 A	Cohocton
Noble, Ralph Edwin	1921 Ag, Grad	Ithaca
Nolan, Humphrey	1921 Ar	Barnard
Nolin, Albert Raymond	1921 M	Auburn
Noon, Estelle Chapins	1924 A	Hempstead
Nordgren, Carl Wilhelm	1921 Ag	Schenectady
Norman, Frank Allan	1923 Ag	Sinclairville
Norman, William Lee	1923 Ag	Sinclairville
Norris, Charles Augustus, jr.	Sp M	Boonton, N. J.
Norris, Leo Chandler, B.S.	Grad	Hornell
Northrop, Miles Gordon	1922 M	Tarpon Springs, Fla.
Northrop, Paul Allen, B.S.	Grad	Tarpon Springs, Fla.
Northrop, Roscoe Henry	1924 M	Tarpon Springs, Fla.
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, Laurence Joseph, B.S.	Grad	Ithaca
Noyes, Bradford, jr., B.S.	Grad	Charleston, W. Va.
Noyes, Harold Dewey	1923 Ag	Vestal
Nugent, Albert Edward	1921 M	Dunkirk
Nugent, Paul Fordham, A.B.	1922 MD (N.Y.C.)	Southampton
Nydegger, Ellen Rose	1924 A	Westfield, N. J.
Nygren, Alfred Magnus	1923 M	Freeport
Nysewander, Margaret Roosevelt, A.B.	Grad	Jonesville, Ind.
Oakes, Edith Susan	1923 Ag	Greenville Junction, Maine
Oberlin, Evelyn Mary	Sp A	Rochester Mills, Pa.
Oberrender, John Stein	1922 A	Freeland, Pa.
Oboza, Alfonso Gallardo	1922 C	Bani, Pangasinan, P. I.
O'Brian, William Francis	1922 M	Oswego
O'Brien, Arthur Matthew	1922 A	Rochester
O'Brien, Henry Lewis, jr.	1921 L	Huntington
O'Brien, Katherine Mary	1924 A	Olean
O'Brien, Martha Catherine	1924 A	Syracuse
O'Brien, Maurice Francis, B.A.	1924 MD (N.Y.C.)	Brooklyn
O'Brien, Ruth Marie	1921 A	Port Leyden
O'Brien, William Clyde	1922 L	Rochester
O'Connell, Aileen	1923 A	Ithaca
O'Connor, John Joseph	1925 M	New York City
Odell, Homer Chauncey	1922 Ag	Hilton
Odell, John Dwight	1924 M	Skaneateles
Odell, Ruby M.	1921 Ag	Hilton
Odessey, Herman Paul	1921 C	Brooklyn
O'Donnell, Frederick Joseph	1922 L	Herkimer
O'Donnell, Howard Jerome	1924 M	Pelham
O'Donoghue, John Anthony, A.B.	1924 MD (N.Y.C.)	Passaic, N. J.

Oehrlein, George Joseph	1923 C	New York City
Offenhauser, John Samervell	1922 Ag	Texarkana, Ark.
O'Flaherty, Gertrude Irma	1921 A	Oil City, Pa.
Ogden, Dorward Weston	1924 M	Port Byron
Ogden, John Bennett	1923 M	Ithaca
Ogden, Katharine, A.B.	Grad	Ithaca
Ogilvie, Janet Taylor	1924 A	Rutherford, N. J.
O'Keefe, Paul Eugene	1922 L	Waterloo
Olcott, Dudley	Sp Ag	Corning
Olds, Ambrose Dean	1925 M	Springfield, Mass.
O'Leary, Joseph Henry	1921 V	Cortland
Olin, Spencer Truman	1921 M	Alton, Ill.
Olinsky, Bernard	1924 A	Tannersville
Olmsted, Lawrence Judson	1923 A	Syracuse
Olney, Carl Weddigen	1922 A	Rutland, Vt.
Olsen, Alfred Lander	1924 M	Montgomery
Olsen, James	1922 A (Chem)	Arverne
Olsen, William	1922 A	Brooklyn
Olmsted, Laurence Judson	1923 A	Syracuse
O'Neil, Norman James	1924 A	Hornell
O'Neill, Mary Alice	1922 A	Auburn
Onstott, Virgil Samms	1921 C	Saltsburg, Pa.
Opie, Florence Whitlock	1924 Ag	Neshanic Station, N. J.
Oppenheim, Charles Julius, Ph.B., M.S.	1923 MD (N.Y.C.)	Chicago, Ill.
Orcutt, Howard Sidney	1924 E	Coudersport, Pa.
O'Reilley, Grace Kathryn	1922 A (Chem)	Oswego
O'Reilly, James Vincent, A.B.	1924 MD (N.Y.C.)	New York City
Orenstein, Lucy	1924 A	New York City
Ornstein, Rebecca	1924 Ag	Brooklyn
Orr, Raymond Coughlin	1922 C	Brooklyn
Orton, Lawrence Mitchell	1923 A	Elmhurst
Osborne, Edmund Burke	1921 Ar	Montclair, N. J.
Osborne, Herrick	1923 M	Warrensburg
Oschrin, Leon	1921 M	Newark, N. J.
Osgerby, Clarence Fenton Lincoln	1924 M	Vassar, Mich.
Oshrin, Henry	1922 A	Jersey City, N. J.
Osness, William	1922 Ag	Dayton, Ohio
Ostendorf, George Clemens	1924 A	Buffalo
Oster, Alexander	1925 Ag	Brooklyn
Oster, Helen	1924 Ag	Brooklyn
Ostergren, Carl Fritiof	1921 M	Brooklyn
Ostergren, Oscar Raynor	1921 M	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	1922 M	Newburgh
Otis, Willard Benjamin	1921 Ag	Venice Center
Ottley, Frances Mabel, A.B.	Sp Ag	Ithaca
Otto, Edward August	1923 M	Schenectady
Overton, Warner Lawrence	1922 A	Westfield
Oviatt, Ruth Amanda	1924 A	Philadelphia, Pa.
Owen, Vincent Southworth	1924 Ar	Ithaca
Owens, James Thomas, B.S. in Agr.	Grad	Willsboro
Owlett, Chester Theodore	1924 M	Auburn
Ozaroff, Benjamin	1922 M	Brooklyn
Packard, Donald Crissy	Sp A	Albany
Packard, Sidney Alton	1921 A	Oklahoma City, Okla.
Packer, Leon Frederick	1924 Ag	Norwich
Paddock, Arthur James	1921 V	Prattsburgh
Paddon, William Wallace	1921 A (Chem)	Utica
Pagano, Oscar, M.E.	1924 M	Bahia Blanca, Argentina
Page, Alan Howard	1922 M	Binghamton
Page, Irvine Heinly	1921 A	Indianapolis, Ind.
Page, Lyman Arthur	1923 Ag	Greene
Pagliaro, Frank Joseph	1923 C	New York City
Paige, Edmund Robert, B.E.	1921 M	Baltimore, Md.
Paine, Cuyler Emory	1925 Ag	Albion
Paine, Kenneth Everett	1923 Ag	Medina
Paine, Louis Davis	1922 A	Toledo, Ohio
Painter, George Crawford	1922 M	Kittanning, Pa.
Palm, William Henry	1924 M	Philadelphia, Pa.
Palmer, Benjamin Henry, jr.	1923 C	Norwich Town, 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	Catskill
Palmer, James Beckley	1921 Ag	Oil City, Pa.
Palmer, Lee Spencer	1924 C	Detroit, Mich.
Palmer, Roger Sherman, B.A.	1922 MD (N.Y.C.)	Pomona, Cal.
Palmer, Thomas Somerville	1923 M	Newark, N. J.

Palomeque, Alonso Ermilo	1922 M	Merida, Yuc., Mexico
Pals, Theodore	1923 M	Orange City, Iowa
Pan, Chu Hung, B.S.C.E.	Grad	Wuchow, Kwangsi, China
Pancoast, Russell Thorn	1922 Ar	Miami Beach, Fla.
Panja, Atal Kumar	1924 M	Calcutta, India
Pao, Chun Jien	1921 A	Nantung Hsien, Kiangsu, China
Pao, Kuo Pao	1922 M	Shanghai, China
Paraiso, Juan Garcia	1923 C	Lumbang, Laguna, P. I.
Parbury, Caroline Marjorie	1921 Ag	New Rochelle
Pardo, Felipe Althaus	1922 Ag	New York City
Pardo, Luis Althaus	1925 A	New York City
Paris, Edwin Lewers	1923 C	Honolulu, Hawaii
Pariah, Ruth Frances	1923 Ag	Portville
Park, Richard Clearfield	1923 Ag	Woodstock
Parke, John Shepard	1923 Ar	Elmira
Parke, Leonard Day	1925 M	Minneapolis, Minn.
Parker, Charles Mather	1923 A	Bath
Parker, George Gilbert	1923 A (Chem)	East Orange, N. J.
Parker, Helen Louise	1923 A	Niagara Falls
Parker, Lewis Conrad	1924 M	Buffalo
Parker, Michael Monserrate	1922 Ag	Virginia Beach, Va.
Parker, Paul Everett	1922 A	Gouverneur
Parker, Ralph Johnson	1923 M	Morris Plains, N. J.
Parker, Sanford Ruby, jr.	1923 M	Madisonville, Ky.
Parkhurst, Francis	1924 A (Chem)	Pulaski
Parkhurst, Irving Wright	1922 A	Fair Haven, Vt.
Parkison, Hoyt Shields	1925 M	Encampment, Wyo.
Parks, Floyd Roswell	1921 A	Atlantic City, N. J.
Parks, Walter Joseph	1924 M	Buffalo
Parrott, Edith Wilbur	1922 A	Lake George
Parrott, Martha Toosau	1922 Ag	Lake George
Parry, Bernice Mary	1923 A	Carbondale, Pa.
Parsell, Richard Kendrick	1921 A (Chem)	Ithaca
Parsons, John Spencer	1925 M	Warren, Pa.
Parsons, Theophilus, jr.	1924 A (Chem)	Northbridge, Mass.
Partridge, Edith Geneva	1923 Ag	Ithaca
Pascual, Vicente y Parungao, A.B.	1921 C	Arayat, Pampanga, P. I.
Pashley, Samuel Jones, B.S.	1923 MD (N.Y.C.)	Hudson Falls
Passage, Lloyd Story	1922 Ag	Brooklyn
Patch, Robert Buckingham	1922 M	Berkshire
Patten, James Richard	1924 A	Kokomo, Ind.
Patterson, Burke	1922 C	Wilkinsburg, Pa.
Patterson, David Walker	1923 A	Ithaca
Pavlicek, Frederick, jr.	1922 Ar	New York City
Pawley, Myron Gould	1924 M	Greenwich, Conn.
Paxton, Richard Meldrum, jr.	1923 A	Washington, Pa.
Payer, Hildegarde Marie	1923 A (Chem)	Schenectady
Payne, Frank Ellsworth	1922 Ag	Indian Lake
Payne, Robert Lozier	1923 M	Brooklyn
Peabody, Richard Hall	1922 Ag	White Plains
Peacock, Vera Louise	1924 A	Olean
Pearson, Frank Ashmore, B.S.A.	Grad	Ithaca
Pease, Norman Smith	1924 Ag	Oswego
Pease, Roger Waterman	1922 Ag	Amsterdam
Peavy, Edward W.	1923 A	Brooklyn
Peck, Bertram Hazen	1923 C	Port Jervis
Peck, Charles Gifford	1922 Ag	Phelps
Peck, Helen Edith	1922 A	Carbondale, Pa.
Peckham, Charles James	1924 Ag	Ithaca
Peckham, Felix Augustus	1923 M	Washington, D. C.
Peckworth, Howard Faron	1924 C	Ridgewood, N. J.
Pederson, Ervin Leon, B.S.	Grad	Syracuse
Pederson, Mary Helen	1924 A	Stroudsburg, Pa.
Pederson, Rebecca Birch	1924 A	Stroudsburg, Pa.
Peel, Henry Lindley	1923 M	East Orange, N. J.
Peer, Alfred James	1921 L	Deal Beach, N. J.
Peer, Lyndon Arthur	1922 A	Deal Beach, N. J.
Peet, Robert Barfe	1923 A (Chem)	Washington, D. C.
Peirce, John Lincoln	1923 Ag	Yorktown Heights
Pekarski, Joseph John	1925 M	Manistee, Mich.
Pellman, Arthur George	1921 A, Grad	Buffalo
Pellow, Frederick Lawrence	1921 A	Southbridge, Mass.
Peltz, Alfred	1922 A	Newport News, Va.
Pendery, Marcelle	1921 A	New York City
Pendleton, Fields Seeley, jr.	1921 A	Brooklyn
Pengelly, Lavinia Lowry	1923 Ag	Hazleton, Pa.
Pennington, John, jr.	1924 M	Brooklyn
Pennock, Samuel Sellers, jr.	1922 A	Lansdowne, Pa.
Pepin, Auguste, B.A., B.S.A.	Grad	St. Jean, Deschaillons, Que., Canada
Peplinski, Eva May	1923 Ag	Mohawk
Percy, Nathan Edward	1924 A	Mohegan

Perez, Stanley Emilio	1923	M	Ithaca
Perez-y-Castro, Jose	1924	C	Alaminos, Pangasinan, P. I.
Perez y Diaz, Santiago Victor	1924	C	Havana, Cuba
Perine, Robert Donald	1924	Ag	Carthage
Perkel, Louis Leo, B.S.	1923	MD (N.Y.C.)	Jersey City, N. J.
Perkins, Charles Stuart	1921	A	Newark
Perlman, Solomon	1923	C	New York City
Perregaux, Edmond Adrian	1923	Ag	Lincoln, R. I.
Perrin, George Harold	1924	M	Batavia
Perrine, David Bates	1922	Ag	Centralia, Ill.
Perrine, James Owen, B.A., M.S.	Grad		Ithaca
Perrine, Schuyler Alden	1921	Ag	Centralia, Ill.
Perry, Beatrice Thomas	1921	Ag	Edmeston
Perry, Eugene Raymond	1924	Ag	Brooklyn
Perry, Frank Richmond, B.S.	Grad		Churchville
Perry, Madelin Ruth	1924	A	Ithaca
Perry, Raymond Arnold, B.S.	Grad		Dundee
Perry, William McDonald	1924	C	Washington, D. C.
Perry, Winston Churchill	1922	L	Nyack
Pershing, Howell Terry, jr.	1921	A	Denver, Colo.
Peters, Elizabeth Tillotson	1923	Ag	Brooklyn
Peters, George Hugo	1922	Ag	Freeport
Peters, Herbert Robert	1924	C	Freeport
Peters, James Donald, A.B.	1924	MD	Utica
Peters, Jordan Holt	1923	C	Omaha, Nebr.
Peterson, Ernest Reinhold	1923	M	Dover, N. J.
Peterson, Joseph Arvid, B.S.	1921	M	Louise, Texas
Pethick, Francis Samuel	1923	A (Chem)	Rochester
Pew, Walter Eliot	1925	M	Uniontown, Pa.
Pfann, George Roberts	1924	A	Marion, Ohio
Pfeffer, Esther	1924	A	New York City
Pfleger, Kenneth Warner	1921	A	Arlington, N. J.
Pflueger, John Seiberling	1921	A	Akron, Ohio
Pflueger, Theodore Seiberling	1922	A	Akron, Ohio
Pforr, Idella Hall	1921	L	Brooklyn
Phelan, Earl Walter	1921	A (Chem)	East Orange, N. J.
Phelan, William Edward	1924	M	Matawan, N. J.
Phelps, Leon Stanley	1921	Ag	Gansevoort
Philips, Harlow Demmon	1924	M	Webster
Phillips, George Howe	1922	M	Cleveland, Ohio
Phillips, Marcus Hanford	1923	Ag	Hulburton
Phillips, Maurice Earl, B.S. in Agr.	Grad		Demarest, Ga.
Phillips, Rose	1923	A	Corning
Phillips, William Benedict	1924	Ag	Hulburton
Phillips, Zenatta Frances	1922	Ag	Norwood
Phipps, Alice Mabel	1922	Ag	Buffalo
Phipps, Irving Rogers	1922	A	Cortland
Phipps, Stanley Allan	1924	A	Cortland
Piazza, John James	1923	C	Buffalo
Pick, Sydney Mortimer	1922	A	Newark, N. J.
Pickering, Silas Wright	1924	M	East Orange, N. J.
Pickwick, Lambert Bishop	1922	Ar	Newark, N. J.
Piekarski, Joseph John	1925	M	Manistee, Mich.
Pierce, Everett Washington	1923	Ag	Sidney
Pierce, William Marion, A.B., M.S.	Grad		Dunkirk
Piesen, Maurice	1923	A	Brooklyn
Pietsch, Walter Randolph	1924	A	Evanston, Ill.
Pigman, Augustus Penn	1921	M	Savannah, Ga.
Pigott, Marguerite Louise	1924	Ag	Rochester
Pile, Robert Francis	1922	A	New York City
Pillion, John Raymond	1925	C	Lackawanna
Pincus, Gregory	1924	Ag	New York City
Pinder, Doris Evelyn Millicent	1923	A	Oneida
Pioso, Robert Lyons	1921	Ar	Chicago, Ill.
Pirnie, Alexander	1924	A	Pulaski
Pirnie, James A.	1923	A	Pulaski
Pirnie, Miles David	1923	Ag	Pulaski
Pirnie, Nelson R.	1921	L	Pulaski
Pittman, Ernest Edgar, B.S. in Agr.	Grad		Mayfield, Ky.
Pitzell, Adelyn	1924	Ar	Brooklyn
Pizer, Harry Sidney, B.S., M.S.	1924	MD (N.Y.C.)	Brooklyn
Pla, Isidoro Luis	1924	M	Arecibo, P. R.
Place, Sylvester Clark	1924	A	Caledonia
Planellos, Ismael	1924	C	Santurce, San Juan, P. R.
Plantinga, John Gilbert	1921	M	Cleveland, Ohio
Platoff, Marvel Segal	1925	A	Weehawken, N. J.
Platt, Austin Blair	1922	M	Scranton, Pa.
Platt, Esther Mae	1922	A	Port Jefferson
Platt, Joseph Curtis	1921	M	Scranton, Pa.
Plotkin, Samuel	1923	Ag	Brooklyn
Plummer, James Minor	1922	Ag	Mobile, Ala.

Pogue, Webster Vinson	1922 M	Mount Vernon
Polack, Waldemar	1921 C	New York City
Polakoff, Joseph	1924 Ag	Brooklyn
Politoske, Edward John	1923 M	Fredonia
Pollan, Robert Edward	1924 A (Chem)	Passaic, N. J.
Pollard, Frank Howell, B. Chem.	Grad	Auburn
Pollard, George Murray	1923 E	Buffalo
Poole, Ragnhild Ramstad	1921 Ag	Ithaca
Pope, Jack	1922 Ag	Rochester
Pope, William Hayes	1921 A	Haddonfield, N. J.
Popham, Walter Desmond	1922 Ag	Chillicothe, Mo.
Poppe, Frank William	1923 M	Arrochar
Porch, Francis Monroe	1924 Ag	Brooklyn
Poritsky, Abraham B.S.	Grad	Ithaca
Poritsky, Hillel, A.B.	Grad	Ithaca
Porter, Francis Albert	1922 A (Chem)	Albion
Porter, Frederick Charles	1925 M	Youngstown, Ohio
Porter, Joseph Henry	1922 Ag	Sag Harbor
Porter, Joseph Pullman, B.S., M.L.D.	Grad	New Rochelle
Porter, Mary Louise, Ph.B.	Grad	Rock Hill, S. C.
Porter, Mary Pullman	1922 A	New Rochelle
Porter, Rodman de Semery	1924 A	Germantown, Pa.
Porter, Roland Wellington	1924 M	New York City
Porter, Tyler Copeland	1922 A	Brookline, Mass.
Portner, Mayer	Sp A	Boston, Mass.
Posner, Ezra	1924 C	Rochester
Posner, John Jacob, D.D.S., LL.B.	Sp MD (N.Y.C.)	Forest Hills
Post, Arthur Wilson	1922 A	Utica
Post, Donald John	1924 M	Waterbury, Conn.
Post, Leland Roberson	1923 C	Waterbury, Conn.
Potter, Harley Louis	1923 M	Aurora, Mo.
Potter, Helen Janette	1922 Ag	Collins
Potter, Lloyd Gregory	1921 A	New York City
Potter, Mary Isabelle, B.S., M.L.D.	Grad	Ithaca
Potter, Willis Gordnier	1925 M	Coudersport, Pa.
Potts, George Carson	1923 M	Philadelphia, Pa.
Potts, John Wright	1923 M	Brooklyn
Potts, Thomas Jackson	1923 A (Chem)	Brooklyn
Powell, Desmond Stevens	1921 A	Waverly
Powell, Dorothy Louise	1922 Ag	Norwood
Powell, Esther Hale	1922 A	Norwood
Powell, Whiton	1924 A	Buffalo
Powers, Arthur James	1923 Ag	New York City
Powers, Placida Coronata	1922 A	Mount Carmel, Pa.
Powers, Rose Marie	1924 A	Mount Carmel, Pa.
Prangen, Evelyn Lawton	1922 A	Hornell
Pratt, Alger Newell, B.S.	Grad	Newark, N. J.
Pratt, Elizabeth	1922 Ag	Wellesley Hills, Mass.
Pratt, Harold Arthur, B.S.	Grad	Worcester, Mass.
Pratt, Roy Ernest	1921 C	Franklinville
Pratt, William Jefferson	1922 Ag	Coeasyuna
Pregler, Anton Andrew	1921 C	Stamford, Conn.
Prentiss, Earl Allison	1922 Ag	Watkins
Preston, Gerald Lucius	1921 Ag	McDonough
Preston, Kenneth Frank	1921 A	Binghamton
Preston, Melvin George	1922 A	Utica
Preston, Ruth Bell	1923 Ag	McDonough
Preston, Wilbur Jackson	1923 M	Baltimore, Md.
Pretat, Hamilton Grenelle	1922 M	Waterville, Conn.
Prevosto, Alexander	1922 M	New York City
Price, Frank Reeves	1924 A	Mount Pleasant, Iowa
Price, Walter Van, B.S.	Grad	Syracuse
Prindle, Frank Ames	1924 M	Johnstown
Pritchard, Blanchard Lewis	1925 C	Clovis, N. M.
Pritchard, John Paul	1922 A	White Lake
Pritchard, LeRoy William	1923 A	Ithaca
Probasco, Marjorie Helen	1924 Ag	Glens Falls
Proctor, Beresford Frank	1922 Ag	Mamaroneck
Proctor, Gordon	1922 Ag	Mamaroneck
Proebsting, Edward Louis, B.S.	Grad	Medford, Ore.
Proper, Carlton Chase	1923 A	Des Moines, Iowa
Prosch, Walter Richard	1922 M	Newark, N. J.
Prout, Curtis Tuttle	1921 A, 1924 MD	Windham
Proux, Mildred Agatha	1921 A	Glens Falls
Pryor, Lawrence Bellfield	1923 Ag	Millington, Tenn.
Pugh, Helen Dudley	1924 Ag	Spring Valley
Pugsley, Matthew Corell	1923 A	Ithaca
Pulley, Marion Gertrude, B.S.	Grad	Melrose, Mass.
Pulver, Arthur Reynolds	1923 M	Spencerport
Purcell, Edmond James	1923 M	Utica
Purcell, John Wallace	1923 A	Evanston, Ill.

Purdy, Alvin Canfield, A.B.	Grad	Middletown
Purdy, Donald MacLean	1921 A, Grad	Ithaca
Purdy, George Williams	1924 M	Laurelton
Purdy, Gladys Mary	1922 Ag	Ossining
Purdy, Nelson Wesley	1923 A	Castile
Purple, Carl Edward	1921 A	Newark Valley
Puterbaugh, Bennett Ewing	1924 M	Pasadena, Cal.
Putman, Charles Willard	1923 Ag	Brooklyn
Putman, Hicks Warren	1921 Ag	Brooklyn
Putnam, Eleanor Rebecca	1922 Ag	Holland Patent
Pybus, Helen Jane, B.S.	Grad	Gorham
Pye, Mildred Alice	1924 A	New York City
Quackenbush, Leo	1923 M	Warwick
Quackenbush, Ralph Jacob	1921 Ag	Cornwall-on-Hudson
Quaif, Clara Ella	1921 A	Richfield Springs
Quail, Willard Earl	1923 A	Brooklyn
Quaintance, Richard Edgecombe	1921 M	New York City
Quattlander, Stella Josephine	1921 A	Buffalo
Quick, Charles Herbert	1922 A (Chem)	Newton Centre, Mass.
Quick, Roberta Winchell	1922 A	Ithaca
Quillinan, Francis Joseph	1924 A	North Troy
Quimby, George Ellis	1921 Ar	Brooklyn
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	Corning
Quinn, George Edward	1923 M	Albany
Quinn, Patrick John, M.D.	Sp MD (N.Y.C.)	Rochester
Quinones, Salvador	1921 C	Rio Piedras, P. R.
Quis, John Edward	1923 M	Maspeth
Rabe, Lillian Ernestine	1924 Ag	Brooklyn
Race, Hubert Hawley	1921 M	Buffalo
Radcliff, William Leslie	1923 A	Nyack
Radin, Raymond Jeremiah	1922 L	Hartford, Conn.
Raduczıner, Joseph	1921 C	Rochester
Rahman, Lincoln	1923 A	Ossining
Rainold, Frank Edward	1922 M	New Orleans, La.
Raiva, Simha	1922 A	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.
Ramsay, George Werner	1924 C	St. Louis, Mo.
Ramsay, James Alexander	1921 A, 1924 MD	Yonkers
Ramsey, Floyd Daniel	1924 M	Auburn
Ramsey, George Beaty	1922 A	High Bridge, N. J.
Rand, Leighton Payson, A.B.	1921 MD (N.Y.C.)	Brooklyn
Randolph, Lowell Fitz, Ph.B.	Grad	Alfred
Rankin, Edith Annetta	1921 A	Brooklyn
Rankin, Edward Stevens, jr.	1921 A	Newark, N. J.
Rankin, Gilbert Fraser	1924 M	Manitowoc, Wis.
Raplee, Jay Wixson, B.S.	Grad	Ithaca
Rapley, William Washington	Sp Ag	Washington, D. C.
Rathbone, John Atkinson	1921 V	Parnassus, Pa.
Rathbun, Edward Taylor	1923 Ag	Toledo, Ohio
Ratner, Sarah	1924 A	New York City
Rattner, Irving Ned, B.S.	1923 MD (N.Y.C.)	New York City
Rauch, Alfred	1924 A	Newark, N. J.
Rauh, Charles Edward	1922 C	West Hoboken, N. J.
Rauh, George Anderson	1924 M	West Hoboken, N. J.
Rawlins, Harold Mead	1921 A	Glens Falls
Ray, Asaph E.	1923 Ag	Unadilla
Ray, Herwegh	1922 L	Sussex, N. J.
Ray, Margaret	1924 A	Ithaca
Raymer, Paul Hutcheson	1921 A	Beaver, Pa.
Raymond, Frances	1921 A	San Diego, Cal.
Raymond, Richard Thomas	1924 Ag	Hoboken, N. J.
Rayner, Edward Engelbert	1923 M	Waverly
Raynor, Alton Randolph	1924 A	Warwick
Raynor, Julia Susan	1924 A	Brooklyn
Reavis, John Wallace	1921 L	Washington, D. C.
Rebert, Homer Franklin, A.M.	Grad	Littlestown, Pa.
Rebholz, Marcella Theresa	1924 A	New York City
Rebmann, Walter	1924 Ag	Philadelphia, Pa.
Reck, Jacob	1924 Ag	Brooklyn
Reck, Louis, jr.	1921 L	Brooklyn
Reckhagel, John Herman, 3d	1922 M	Brooklyn
Redoano, Carlos Rogelio	1924 M	Buenos Aires, Argentina

Reed, Albert Henry	1925 A	Beaver Falls, Pa.
Reed, Franklin Andrew	1922 M	Buffalo
Reed, Louis Eckert	1923 A	Winterthur, Del.
Reed, Louis Jerome	1921 A	Canandaigua
Reed, Robert Rentoul, B.S.	Grad	Washington, Pa.
Reese, Charles Harwood Ritter	1924 A (Chem)	Erie, Pa.
Reeve, Rowland Smith	1924 M	Haddonfield, N. J.
Reeves, Burnett Allen	1921 A (Chem)	Lyons
Reeves, Jeremiah Bascom, M.A.	Grad	Sanford, N. C.
Regan, Francis Aloysius, jr.	1921 C	Brooklyn
Regan, May Agatha	1921 A	New Britain, Conn.
Reguera, George	1923 M	Buenos Aires, Argentina
Reich, Herbert Joseph	1924 M	New Dorp
Reichart, Russell Christian	1922 M	Greenport
Reichenthal, Laura	1922 A	Douglaston
Reichert, Philip, A.B.	1923 MD (N.Y.C.)	New York City
Reid, Zella Janet	1922 A	Albion
Reider, Joseph Raycroft	1921 A	Cortland
Reif, Herbert Richard	1923 L	Pittsburgh, Pa.
Reifschneider, Felix Edward	1922 A (Chem)	Hempstead
Reilly, George Kenneth	1922 M	Montclair, N. J.
Reinhard, Warren Daness	1922 M	Jersey City, N. J.
Reith, Arthur Lewis	1924 A (Chem)	Medina
Reith, Marie	1921 M	New York City
Reithlingshoefer, George Hans	1924 M	Brooklyn
Reitz, William Walter, M.S.	Grad	Spring Mills, Pa.
Rejon-Mendez, Enrique	1925 M	Izamal, Yuc., Mexico
Remick, Arthur Edward	1922 A (Chem)	New Rochelle
Remsen, Margaret Abbie	1921 A	Brooklyn
Repp, Amelia Pauline	1923 A	Newburgh
Rex, George William	1924 A	Wayland
Rex, Winifred Irene	1922 Ag	Altanta
Reyes, Emilio Pangan	1923 M	Arayat, Pampanga, P. I.
Reyna, Leon Crescencio	1921 M	Ithaca
Reynolds, Almos Kirkman, A.B.	Grad	Walla Walla, Wash.
Reynolds, Clarence Melvin	1924 M	Utica
Reynolds, Frederick William, B.S. in E.E.	Grad	Schenectady
Reynolds, George, jr.	1923 L	Newark, N. J.
Reynolds, Harry Ellis	1923 M	Geneva
Reynolds, John Harrison	1925 C	Palmyra
Rhode, Clarence Bennet	1922 A	New York City
Rhodes, Charles Everett	1923 A	Groton
Rhodes, Solomon Alhadef	1921 Ag, Grad	New York City
Rhodes, William George	1922 M	Ithaca
Ribovich, John	1924 Ar	Donora, Pa.
Rice, Frances Violet	1923 M	Philadelphia, Pa.
Rice, George Byron	1924 A	Interlaken
Rice, Harry	1921 Ag	Brooklyn
Rice, Randolph Packard	1922 M	Pittsburgh, Pa.
Rice, Ruth Van Buren	1923 Ag	Ithaca
Rich, Edward Larmour	1921 Ag	Catonsville, Md.
Richards, Bartlett	1923 M	Denver, Colo.
Richards, Dorrice Anwyl, B.A.	Grad	Ithaca
Richardson, Cornelius Howard	1923 M	New York City
Richardson, Lycurgus Walton	1922 M	Hamilton, Ont., Canada
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
Richtmyer, Katherine Adah	1924 A	Gilboa
Rickard, Donald Sims	1921 A	Summit, N. J.
Rickard, Eric Martyn	1921 E	Summit, N. J.
Ricker, Jack Wilder	1925 M	Helena, Mont.
Riddell, John Calvin	1924 C	Salina, Kansas
Rider, Jonathan Benjamin	1922 Ar	Rider's Mills
Rife, Charles Cornelius	1924 Ag	Takoma Park, Md.
Riffe, Lauretta Elisabeth	1921 A	Elmira
Rigelhaupt, Ruth Augusta	1924 A	Cleveland, Ohio
Righter, Francis Irving	1923 Ag	Port Jervis
Riley, Edgar Heisler, A.B.	Grad	Wilmington, Del.
Riley, Eleanor Eva	1923 Ag	Rochester
Riley, George Pratt	1924 E	Oklahoma City, Okla.
Riley, John Philip	1921 C	Bellows Falls, Vt.
Riley, Robert James	1924 Ag	Bellows Falls, Vt.
Riley, Thomas Clyde	1923 A	Orange, N. J.
Rinck, Carlman Martin	Sp M	Trenton, N. J.
Rippe, William Frederick	1922 M	Mount Vernon
Rites, Marion Burhanse	1922 A	Ithaca
Rittershausen, August William	1921 Ag	Youngsville
Rivenburgh, Dexter Vosburgh	1921 Ag, Grad	Ithaca

Rivers, Joseph Dill, B.S. in Arch.	1922 Ar	Charleston, S. C.
Rizzo, Francis	1924 M	Brooklyn
Roach, William Clyde	1922 A	Indianapolis, Ind.
Robb, Harry Walter	1923 M	Middletown
Robbins, Lawrence H.	1923 A	New York City
Robbins, Melvin	1924 A	New York City
Robbins, Warren David	1923 A	Port Norris, N. J.
Robens, William Glenn	1923 V	Poland
Roberts, Alan 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 M	Ossining
Roberts, Kenneth Lindsay	1923 Ag	Ithaca
Roberts, Lillian Jane	1923 A	Sharon Springs
Roberts, Marion Ruthella	1924 Ag	Port Leyden
Roberts, Wendell Foster	1921 M	Staten Island
Robin, Paul	1922 Ag	New York City
Robinowitz, Harry William	1923 Ar	Corona
Robinson, Abner Theodore	1925 M	Vancouver, B. C., Canada
Robinson, Benjamin Wilson	1922 M	Baltimore, Md.
Robinson, Cecil Stanley	1921 C	Ithaca
Robinson, Ernest Guy, B.S.	Grad	Moore, Mont.
Robinson, Frank Howland	1921 Ar	Albany
Robinson, James Chenoweth	1924 M	Little Rock, Ark.
Robinson, Joseph Lawrence	1923 M	Bound Brook, N. J.
Robinson, Norwood Munson	1924 Ag	Edmeston
Robinson, Ward Seeber	1923 Ag	Edmeston
Robinson, Willard Marshall Law	1924 M	Cambridge
Robnett, James Powell	1923 A	Brownwood, Texas
Robson, Mina	1924 A	Cleveland, Ohio
Rochow, Edna Florence	1923 Ag	Lancaster, Pa.
Rockow, Olga Goldie	1923 A	New York City
Rodda, Jose Elpidio	1924 M	Resolucion, Cuba
Roehner, Theodore George	1924 A (Chem)	Hempstead
Roelofs, Charles Richard	1923 M	Pittsburgh, Pa.
Roemer, Hubert Joseph	1922 A	Toledo, Ohio
Roenne, Henry	1921 Ag	New York City
Roesch, Robert Evans	1922 M	East Orange, N. J.
Roever, Henry Wesley	1925 M	Wayne, Pa.
Rogers, Allan Henderson	1924 M	White Plains
Rogers, Alvin Theodore	1924 A	Richmond Hill
Rogers, Anna Cockran	1924 Ag	Herndon, Va.
Rogers, Donald Atwater	1923 M	Oswego
Rogers, Edgar Albion	1922 M	Tucson, Ariz.
Rogers, James, 2d.	1924 M	Au Sable Forks
Rogers, Merle Lawrence	1923 Ag	Oxford
Rohrer, John Jay	1923 M	Lancaster, Pa.
Rollin, Ruth	1923 Ag	New York City
Rollo, Walter Russell	1923 C	Freeport
Roman, Louis	1924 M	Corona
Rombach, Fred Wilson	1921 M	Watsontown, Pa.
Rometsch, William Henry, jr.	1921 A (Chem)	Philadelphia, Pa.
Ronto, Dorothy Helen	1923 Ag	Ithaca
Rooney, James Michael	1923 C	Renovo, Pa.
Rooney, Joseph Anthony	1924 C	Brooklyn
Root, Douglas Lee	1921 A, 1924 MD (N.Y.C.)	Cooperstown
Root, Edward Williams, jr.	1922 A (Chem)	Brockport
Root, Frederick Charles	1922 A	North Tonawanda
Rose, Clinton William	1923 M	Ithaca
Rose, Hervey Strong	1925 M	Water Mill
Roseboom, Emma Skinner	1923 Ag	Westford
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
Rosenfield, William Mandel	1924 Ag	Chicago, Ill.
Rosenblum, Joseph, B.S.	1921 MD (N.Y.C.)	New York City
Rosenkranz, Milton	1924 A	West Hoboken, N. J.
Rosenthal, Matilda	1924 A	New York City
Rosenthal, Monroe Marcus	1923 A	Brooklyn
Rosenzweig, Sender	1924 A (Chem)	New York City
Ross, Adelaide Helen, B.A.	1921 MD (N.Y.C.)	Nyack
Ross, Alexander Murray	1924 Ag	Staten Island
Ross, Charles Chandler	1921 Ag	Philadelphia, Pa.
Ross, George Marcus	1922 Ag	Johnson City
Ross, James Albert	1923 M	Dryden
Ross, Madeline Dane	1924 Ag	Brooklyn
Ross, Mary Lillian	1923 A	Cohoes
Ross, Morris Brookes, B.S.	Grad	New York City
Ross, Phoebe Amelia	1924 A	Hawkesbury, Ont., Canada
Ross, Robert Myers	1923 C	Sheldon, Ill.

Rosseau, Leon Bidwell	**1922 E**	Lyme, Conn.
Rossheim, Joseph Biedermann	**1924 A**	Baltimore, Md.
Rossotti, Alfred Francis	**1925 M**	New York City
Roth, Eugene Donald	**1922 M**	Ithaca
Roth, John Edward	**1922 A**	Tulsa, Okla.
Rothschild, Wilfred A.	**1923 M**	New York City
Rounds, James McCarthy	**1925 M**	Chicago, Ill.
Rovinsky, Alice	**1924 A**	New York City
Rowan, James Arthur	**1924 M**	Struthers, Ohio
Rowe, Mildred Virginia	**1922 A**	Hampton, Va.
Rowlee, Silence, A.B.	Grad	Ithaca
Roy, Edmund Adelbert	**1925 C**	Springfield, Mass.
Royce, Milton Pettis	**1921 Ag**	Ithaca
Rubin, Beatrice Ruth	**1923 A**	Philadelphia, Pa.
Rubinfield, William	**1922 A**	Jersey City, N. J.
Rubinow, Leonora Blanche	**1921 A**	Newark, N. J.
Rudd, Thomas Brown	**1921 L**	Clinton
Rudell, Marjorie Gertrude	**1924 A (Chem)**	Sault Ste. Marie, Mich.
Ruehe, Harrison August, M.S.	Grad	Urbana, Ill.
Ruehle, Otto, jr.	**1922 V**	Pleasant Valley
Ruf, Francis Augustus	**1923 A**	Catskill
Ruggles, Almon Barton	**1924 A**	Washington, D. C.
Rumanoff, Louis Lawrence	**1923 Ag**	New York City
Rumsey, Austin Lyman	**1923 C**	Cato
Runsdorf, Elmore Theodore Roosevelt	**1922 Ag**	Brooklyn
Rupert, Donald Meredith	**1925 M**	Geneva
Rupert, Philip Douglas	**1921 Ag**	Seneca
Ruperti, Ida Amsinck	Sp Ag	New York City
Ruppel, Henry George, B.A.	Grad	Twin Bridge, Mont.
Rurode, William Scrivener	1921 A	Jersey City, N. J.
Russell, Clarke Emerson	1924 Ag	Johnson City
Russell, George Henry, B.S.	1922 L	Winthrop
Russell, Paul Farr, A.B.	1921 MD (N.Y.C.)	Buffalo
Rutenber, Charles Blackmer	1921 A (Chem)	Carlinville, Ill.
Rutherford, Erwin Robert	**1922 Ag**	Gouverneur
Ruttenberg, Joseph	**1924 A**	Brooklyn
Ryan, Edwin Colburn, jr.	**1922 A**	Winnipeg, Man., Canada
Ryan, Emmett Patrick	**1924 Ag**	Au Sable Forks
Ryan, John Conway	**1924 A**	Ogdensburg
Ryan, John Elbert, jr.	**1924 A**	Seattle, Wash.
Ryckman, Elizabeth Ruth	**1924 Ag**	Brocton
Ryder, Amelia Anne	**1923 Ag**	New York City
Rynalski, Augustyn Theodore	**1921 A (Chem)**	Fredonia
Rynalski, Thomas	**1924 A (Chem)**	Fredonia
Saam, George William Anton	**1921 A**	Brooklyn
Sabath, Charles Benjamin	**1921 Ag**	Brooklyn
Sack, Samuel	**1924 A**	Brooklyn
Safir, Irwin Crausse	**1921 A**	New York City
Sagal, Marcus	**1921 C**	Baltimore, Md.
Sailer, William August Furche	**1923 M**	Dallas, Texas
St. John, Ruth Anita	**1922 Ag**	Woodstock
St. John, Ruth Nimmo	**1922 A**	Manchester
Salabarria, Raul	**1924 M**	Marianao, Havana, Cuba
Saldarriaga, Alberto	**1924 Ag**	Medellin, Colombia
Salisbury, Marion Rosamond	**1924 Ag**	Hamburg
Salmon, Thomas Kingerlee	**1923 A**	Port Chester
Salomao, Elias	**1925 C**	Sao Paulo, Brazil
Salsbury, Howard Eugene	**1922 M**	Cazenovia
Saltzman, Charles Eskridge	**1924 M**	Washington, D. C.
Samoiloff, Alexander	**1924 M**	Owego
Samoiloff, Leon	**1924 M**	Owego
Samuels, Fred Herman	**1924 A**	Newark, N. J.
Samuels, Helen	**1924 A**	Mount Vernon
Sand, Austin Wertman William, B.S.	Grad	Lockport
Sand, Seaward Alwyn	Sp Ar	Lockport
Sandberg, Gertrude Beatrice	**1924 A**	Freehold, N. J.
Sanders, Gerald DeWitt, A.M.	Grad	Ithaca
Sandford, Craig	**1921 Ag**	Flushing
Sandford, Hazel	**1922 Ag**	Angola
Sands, Evarts Foster	**1921 A, 1924 MD**	Morristown, N. J.
Sanger, Edmund Charles Phipps	**1922 Ag**	Mount Vernon
Santilli, James Alfred	**1924 M**	Hazelton, Pa.
Santoro, Grace Marie	**1921 A, 1924 MD**	Waterbury, Conn.
Santos, Melecio Manuel	**1923 M**	San Mateo, Rizal, P. I.
Sapora, Frank Landislaus	**1924 Ag**	Renovo, Pa.
Sarachan, Herman Albert, B.S. in M.E.	Grad	Rochester
Sarle, Warren Freeman	**1923 Ag**	New Berlin
Sarmiento, Jose Antonio	**1925 C**	San Pedro de Macoris, Santo Domingo
Sarnoff, **Beatrice**	**1923 A**	New York City
Satterthwaite, **Alvin Lynam**	**1922 A (Chem)**	Stanton, Del.

Sattler, Bernard	1923 M	Pittsburgh, Pa.
Saunders, Floyd Cary	1921 Ag	Athol Springs
Sauters, Thomas Espy	1921 A	Martins Ferry, Ohio
Savoye, Walter Tracy	1922 M	Westfield, N. J.
Sawin, Paul Baldwin	1924 Ag	Buffalo
Sawyer, Ralph Henry, B.S.	Grad	Ithaca
Sawyer, Wesley Stevens, B.Sc.	Grad	Sodus
Saxe, Gladys	1921 A	Lansdale, Pa.
Scacciaferro, Salvator John	1921 C	Clifton, N. J.
Scammell, Robert Jesse	1921 Ag	La Fayette
Scanlan, Ross Edward	1924 A	Buffalo
Schade, John Alan	1921 A (Chem)	Holyoke, Mass.
Schaefer, John Jacob Vogt	1921 C	Rockville Centre
Schaeffer, Ralph William, B.S.	1921 MD (N.Y.C.)	Rochester
Schaenen, Nelson	1923 Ag	Morristown, N. J.
Schafer, Howard Daniel	1923 Ag	Albany
Schaffer, Harry	1923 A	Newark, N. J.
Schauble, Otto Charles	1924 M	Elizabeth, N. J.
Schedler, Herbert Donald	1923 A	Jersey City, N. J.
Scheinblum, Abraham Jay	1923 Ag	New York City
Scheller, Marguerite Ill	1923 Ag	Newark, N. J.
Scheminger, Harold Albert	1924 Ag	West New Brighton
Schenck, Gretel Angle	1921 Ag	Rochester
Schenck, Henry, jr.	1924 A	Brooklyn
Schenck, Marcia Farnham	1921 Ag	Madison, N. J.
Schermerhorn, Mary Cornelia	1921 A	Penfield
Schimmel, Raymond Thomas	1923 Ag	Port Chester
Schlatter, Fidel Paul, B.S.	Grad	Tunkhannock, Pa.
Schlecht, Margaret	1925 Ag	Buffalo
Schlichter, William Robert	1922 A	Yonkers
Schlissel, Morris	1922 A (Chem)	Arverne
Schlobohm, Elsa Carolyn	1921 A	Yonkers
Schlobohm, Frederick John	1923 A	Yonkers
Schmauss, Carl John	1923 C	Buffalo
Schmeck, Harold Marshall	1921 Ag, Grad	LaSalle
Schmerler, Mathilda	1923 A	Brooklyn
Schmidt, Margaret Veronica	1922 C	New York City
Schmidt, Mary Katherine	1924 Ag	Ilion
Schmidt, Robert Leo	1923 C	Brooklyn
Schmidt, Walter Schoellkopf	1921 A	Buffalo
Schmitt, Max Frederick	1924 A	Eggertsville
Schmitz, Robert Morell	1923 A (Chem)	St. Louis, Mo.
Schnatz, Frederick Theodore	1922 A	Brooklyn
Schnee, Vernon Higgs, B. Chem.	Grad	Cleveland, Ohio
Schneidau, William Keith	Sp M	New Orleans, La.
Schnell, Harry Julius, jr.	1922 A (Chem)	South Orange, N. J.
Schnuck, Robert Arbuckle	1924 A	White Plains
Schoepflin, Frederick Foeller	1922 A	Buffalo
Schofield, Hayden Luther	1922 Ag	Brooklyn
Schoonmaker, John Ludington	1924 Ag	Accord
Schoonmaker, Max Van Palen	1924 A	Bradford, Pa.
Schoonmaker, Wilbur Randall, M.D.	Sp MD (N.Y.C.)	Yonkers
Schrader, Clarles Henry	1923 M	Cincinnati, Ohio
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	1925 A (Chem)	Saugerties
Schubert, Frank Willis	1924 Ag	Oneida
Schulman, Lilian	1925 A	New York City
Schultheis, Henry	1922 Ag	College Point
Schultheis, Roland	1924 Ag	College Point
Schultz, Peter Alfonso	1921 A	Buffalo
Schurman, Barbara Rose	1921 A	New York City
Schurman, Catherine Forrest	1922 A	New York City
Schuster, Carl Herbert	1923 M	Pittsburgh, Pa.
Schustek, Irving Allan	1921 A	New York City
Schuster, Eleanore	1923 A	Wilmington, N. C.
Schutt, Elizabeth Margaret	1924 A	Dryden
Schwabe, Esther Miriam	1924 A	New York City
Schwamm, George, jr.	1921 V	New York City
Schwartz, Donald Kendig	1924 A	Poughkeepsie
Schwartz, Irving, B.S.	1921 MD (N.Y.C.)	New York City
Schwartz, John Eric	1922 Ag	Hamilton, Ohio
Schwartz, Samuel	1921 Ag	Brooklyn
Schwartzman, Herman	1922 A	Brooklyn
Schweitzer, Gretchen	1921 A	Brooklyn
Schwind, Joseph Louis	1924 A	Dayton, Ohio
Scidmore, Frank Lincoln, jr.	1924 C	Yonkers
Scofield, James Harry, B.S. in M.E.	1921 M	Ithaca

Scott, Anna Louise	1923 A	Long Island City
Scott, Burton Alcott	1923 C	Detroit, Mich.
Scott, Carl Gustave, A.B.	1924 MD (N.Y.C.)	Englewood, N. J.
Scott, Charles Decker	1924 Ag	Middletown
Scott, Charles Duff	1925 M	Toronto, Ont., Canada
Scott, Chester Brundrett	1924 M	Cleveland, Ohio
Scott, Earle Nims	1923 C	Detroit, Mich.
Scott, Irvin Leslie	1923 Ar	West Provo, Utah
Scott, Merit, A.B.	Grad	Glens Falls
Scott, Owen Wallace	1922 C	Detroit, Mich.
Scott, Sarah Elisabeth	1922 A	Syracuse
Scott, Walter Lee	1921 A	Franklin, Pa.
Scruggs, Edward DeLeon	1923 C	Brewton, Ala.
Scudder, Frances Alida	1924 Ag	Randolph
Scull, William Warren	1924 M	Bellevue, Pa.
Scureman, Harry Wilt	1921 A (Chem)	Kingston, Pa.
Seager, Paul Sylvester	1921 A, 1924 MD (N.Y.C.)	Morristown, N. J.
Seale, Frank Bell	1921 Ag	Benchley, Texas
Seaman, Marion	1924 A	Freeport
Seaman, Mercedes Margaret	1923 Ag	Ithaca
Searles, Elwood Fay	1923 M	Auburn
Searles, Howard Tallman	1924 A	Auburn
Searles, Sarah Naomi	1921 A	Cedarhurst
Sears, James L.	1924 Ag	Baldwinsville
Sears, Wendell McCoy, A.B.	1923 M	Hamilton
Seasongood, Lewis, 2d.	1923 A (Chem)	Cincinnati, Ohio
Seebach, Lester Warren	1923 Ag	Rochester
Seeley, Ralph Marion	1924 Ag	Woodhaven
Seep, Joseph, 2d.	1922 A	Oil City, Pa.
Segal, George Joseph	Sp L	Philadelphia, Pa.
Seguin, Maria	1923 Ag	New York City
Seibel, John George	1924 Ag	North Tonawanda
Seiderman, Sidney	1924 A	Philadelphia, Pa.
Seidmann, Alexander	1922 A	New York City
Seifreat, Edgar John	1921 M	Dayton, Ohio
Seinfel, Ruth	1925 A	New York City
Sekine, Zenzaburo	1923 M	Fukushima, Japan
Selee, Richardson	1921 C	Port Chester
Seley, Samson Abraham, A.B.	1921 MD (N.Y.C.)	Brooklyn
Seligmann, Edward Baker	1922 A	Buffalo
Seligson, Lester	1924 A	Raleigh, N. C.
Sell, Edward	1924 M	New York City
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	Mayaguez, P. R.
Severinghaus, Leslie Richard	1921 A	Portsmouth, Ohio
Severn, Orin Ray	1924 M	Ithaca
Seward, Frederick Dwight	1923 M	Binghamton
Sewell, Dorothy Austin, A.B.	Grad	Walton
Semmith, Henry Perry	1925 M	Binghamton
Seybolt, Mary Lucille	1922 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	Rochester
Seymour, Ruth	Sp Ar	New York City
Shafer, Leland Twitchell	1921 A	Brockport
Shafran, Eugenia, A.B.	Grad	New York City
Shambaugh, Howard Hiller	1922 A	Fort Wayne, Ind.
Shaner, Bernard King	1921 M	New York City
Shaner, George Faust	1921 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	1923 Ag	Washington, D. C.
Shannon, William Assad	1922 A	Ithaca
Shapiro, Caspar	1921 A (Chem)	Brooklyn
Shapiro, Israel	1921 Ag	New York City
Shapiro, Morris	1925 M	New York City
Shapiro, Samuel	1924 A	Brooklyn
Shapleigh, Lester Bartlett	1924 C	Lockport
Sharon, Isaac Paul, M.D.	Sp MD (N.Y.C.)	Shoreham, Vt.
Sharp, Henry Statts	1924 A	Stuyvesant Falls
Sharp, Russel Howland	1923 M	Lockport
Sharpe, Grace Lenore	1923 Ag	Ithaca
Sharpe, Harold Kenyon	1923 M	Ithaca
Shaub, Benjamin Martin	1924 M	New Freedom, Pa.
Shaver, Edwin Roy	1921 A	Philmont
Shaw, Arthur Basil	1924 M	Philadelphia, Pa.
Shaw, Ernest Ray	1922 A	Wheaton, Ill.
Shaw, John Balcom, jr.	1921 A	Cambridge, Mass.

Shaw, John Thomas	1923	A	Birmingham, Mich.
Shaw, Kenneth Marshall	1921	A	Denver, Colo.
Shear, Elmer Vanderzee, jr.	1923	Ag	Ravena
Shedd, Laurence Eugene	1923	M	Glens Falls
Shelby, Alexander Winchester	1924	M	St. Louis, Mo.
Sheldon, Carew	1923	M	Buffalo
Shellenberger, Rolfe, B.S. in M.E.	1921	M	Minnewaukan, N. Dak.
Shelton, Otis Norcross	1924	A	Dunkirk
Shelton, Robert Philo, B.A.	1924	MD (N. Y. C.)	Bridgeport, Conn.
Shen, Tsi Hwei	1921	Ag	Shanghai, China
Shenk, Frederic Rentschler	1922	Ar	Reading, Pa.
Shepard, Alvin Frost	1924	A	Buffalo
Shepard, John David	1922	L	Bagdad, Fla.
Shepard, Leslie Mansfield	1921	Ag	Honeoye Falls
Shepherd, William D'Arcy	1923	M	Kristiania, Norway
Sherk, Earl Jacob	1921	C	Harrisburg, Pa.
Sherk, Mildred Ethel	1922	A	Buffalo
Sherk, Paul Farmer	1923	A	Reading, Pa.
Sherman, Howard Relyea, jr.	1922	M	Montclair, N. J.
Sherman, Irving Harold	1922	A	New York City
Sherman, Kenneth Ralph	1922	M	Sag Harbor
Sherrill, Walter Paul	1922	A	New York City
Sherwood, Glenn	1922	A	Ithaca
Sherwood, Harold Tallman	1923	M	Spring Valley
Sherwood, James Elias	1923	V	Suffern
Sherwood, Warren George	1923	A	Loyd
Shevalier, Marion Kathryn, B.S.	Grad		Ithaca
Shiebler, Carl Henson	1923	Ag	Brooklyn
Shiffer, Joseph, A.B.	1923	MD (N. Y. C.)	Brooklyn
Shimizu, Koichiro	1924	C	Tokio, Japan
Shincel, Harold Herman	1924	M	Waterbury, Conn.
Shineman, Howard George	1923	A (Chem)	Canajoharie
Shipman, William Henry	1922	M	North Towanda, Pa.
Shiroyan, Haig Krikor	1925	E	Manchester, N. H.
Shlenker, Charles Newman	1924	A	New York City
Shoemaker, Amalia Immel	1922	A	Ogontz, Pa.
Sholl, Lloyd Banks, B.S.	1923	V	Milwaukee, Wis.
Short, Marjorie Emeline	1924	Ag	Westfield
Shott, Ralph N	1923	A	Birmingham, Iowa
Shotter, Carl Leininger	1924	M	Cleveland Heights, Ohio
Shotwell, Edith Mary	1924	A	Plainfield, N. J.
Showalter, Myrtle Marie	1925	A	Hollidaysburg, Pa.
Shrewsbury, Marion Florence	1922	A	Callicoon
Shultis, Marshall Grant	1922	Ag	Oneonta
Shults, Erna Rose	1921	A	Cohocton
Shultz, Searles Gregory	1921	L	Skaneateles
Sibbert, Edward Frederick, jr.	Sp Ar		Brooklyn
Sibert, Gilbert Martin	1924	M	Harrisonburg, Va.
Sibley, Charles Kerr, B.S.	Grad		Kingston
Sibley, Harold Osborn	1924	Ag	Brocton
Sidman, Irving Nathan	1921	A	Brooklyn
Sidway, James	1922	M	Syracuse
Siebert, Ralph Dickson	1923	M	Pittsburgh, Pa.
Siegel, Louis Carl	1921	Ag, Grad	Brooklyn
Siering, Robert LeRoy	1921	Ar	New York City
Sievers, Albert William	1922	A	Hyde Park
Sifie, Jaime Wenceslav	1924	E	San Sebastian, P. R.
Signer, Dorothy	1923	A	New York City
Sikes, Earl Ray, M.A.	Grad		Greensboro, N. C.
Silber, Oswald Moses	1924	A	Newark, N. J.
Silber, Samuel, B.S.	1923	MD (N.Y.C.)	Brooklyn
Silbert, Doris	1922	A	New York City
Silent, Harold Charles	1921	E	Los Angeles, Cal.
Silverman, Albert Otto	1925	Ag	New York City
Silvers, Lewis Julian, B.S.	1921	MD (N.Y.C.)	New York City
Simmen, George Pestalozzi	1921	M	Washington, Pa.
Simmons, Charles William	1922	M	Watertown
Simoes, Amando, jr.	1924	M	Sao Paulo, Brazil
Simon, Sarah Fanny	1923	A	New York City
Simonds, John Francis	1922	A (Chem)	Brooklyn
Simonds, Walter Wesley	1921	Ag	Rochester
Simons, Mayrant	1922	M	Summerville, S. C.
Simonson, Wilbur Herbert	1921	Ag	Lynbrook
Simpson, Arthur Fred, B.S.	Grad		Buffalo
Simpson, Ethel Drever	1923	A	Ithaca
Simpson, Harold Eugene	1921	L	Utica
Simpson, John Francis	1925	C	Long Branch, N. J.
Simpson, Sutherland Eric Rognvald	1921	A, 1924 MD	Ithaca
Simpson, Wendell Howard, B.S.	1924	M	New Orleans, La.
Sinnrell, Vivian Earle	1924	A	Babylon
Sims, Doris Mabel	1923	L	Sodus

Sines, Bernard Sterling	1922 C	Cleveland, Ohio
Singer, Alexander	1922 M	New York City
Singleton, John Hawkins	1923 A	St. Louis, Mo.
Sisco, Spencer Edward, jr	1923 M	Baltimore, Md.
Sisson, George Wing, 3d	1922 A	Potsdam
Sivin, Lenore	1924 A	Far Rockaway
Skeele, Charles Winslow	1923 Ag	Apulia Station
Skilton, William Edward	1924 M	Havana, Cuba
Skinner, William Oscar	1922 Ag	Greenwich
Sklaroff, Mabel	1924 A	Philadelphia, Pa.
Skovgaard, Kristen Kristensen	Grad	Frennegaard, Hoisholm, Denmark
Skutt, Gray Alexander	1294 A	North Rose
Slate, Joseph	1923 Ag	Madison
Slater, Carolyn Penelope	1923 Ag	Ithaca
Slater, Katharine	1923 Ag	Ithaca
Sleicher, Paul	1922 A (Chem)	Albany
Sloan, DeVillo	1923 Ag	Dunkirk
Sloan, Robert James, jr	1924 M	Syracuse
Slockbower, Ralph	1923 Ag	Clinton, N. J.
Slonaker, Paul Newton	1923 M	Leechburg, Pa.
Slottman, Edythe Virginia	1923 A (Chem)	Brooklyn
Sluebler, Carl Henson	1923 Ag	Brooklyn
Sly, Leslie Ward	1923 M	East Aurora
Smart, Harold Robert, B.S.	Grad	Searsport, Me.
Smeallie, Henry Wallace	1922 A	Amsterdam
Smeaton, Hugh Weir	1923 Ag	Rochester Mills, Pa.
Smillie, Henry Harold	1924 Ag	Waterville, Vt.
Smit, Bernard	1921 Ag	Winburg, O. F. S., South Africa
Smith, Ainsworth Lockhart, A.B.	1922 MD (N.Y.C.)	Brooklyn
Smith, Alexander Wesley	1921 A	Shelter Island Heights
Smith, Alfred Edwin	1923 M	Burdett
Smith, Beauchamp Elmer	1923 M	York, Pa.
Smith, Carl Henry, M.A.	1922 MD (N.Y.C.)	New York City
Smith, Chester Bangs	1921 L	Buffalo
Smith, Darwin Covert	1922 Ag	Ithaca
Smith, Edith Louise	1923 A	Lakewood, Ohio
Smith, Edwin Louis	1924 M	Elyria, Ohio
Smith, Elliot Boughton	1922 M	Rochester
Smith, Elliott William	1923 L	Poughkeepsie
Smith, Elsa Hawkins	1923 Ag	Rochester
Smith, Elsie Brinkerhoff	1924 A	Rutherford, N. J.
Smith, Ethel Marion	1924 A	Nutley, N. J.
Smith, Eugene Russell	1921 Ag	Monroe
Smith, Everdell Gillespie	1921 Ag	Brooklyn
Smith, Ewald John Joseph	1921 L	Jersey City, N. J.
Smith, Floyd Monroe, jr	1924 C	Omaha, Nebr.
Smith, Frank Engelbert	1924 A	Brooklyn
Smith, Fred August	1923 Ag	Brooklyn
Smith, George Hume, A.B.	Grad	Ithaca
Smith, Grace Hilda	1921 Ag	Ballston Spa
Smith, Harriet Alison	1921 Ag	Buffalo
Smith, Helen Davis	1922 Ag	Binghamton
Smith, Helen Delavan	1923 A	White Plains
Smith, Harley Gibbs, jr	1924 A	Cleveland, Ohio
Smith, Harold Kramer	1922 L	Jersey City, N. J.
Smith, Harriette Genevieve	1923 A	Warsaw
Smith, Harry Hargreaves	1923 A	Newton, N. J.
Smith, Helen Jean	Sp Ag	Newark, N. J.
Smith, Henry Richey, A.B.	Grad	Houghton
Smith, Horace Hanford	1925 M	Louisville, Ky.
Smith, Howard Hazelton	1923 A	San Antonio, Texas
Smith, Irving Carleton, A.B.	1922 E	Brooklyn
Smith, James Walter	1924 A	St. Louis, Mo.
Smith, John Harrison	1922 C	Ithaca
Smith, John Lampman	1922 Ag	Craryville
Smith, John William	1922 C	New Hartford
Smith, Joseph Allan, jr	1923 M	Syracuse
Smith, Lawrence Victor, A.B.	1921 M	Toledo, Ohio
Smith, Lois Burtnett	Sp Ag	Houghton
Smith, Lois Frederica	1924 Ag	Ithaca
Smith, Luella Helen	1922 A	Gloversville
Smith, Malcolm Ernest	1923 Ag	Rochester
Smith, Margaret Ethelwyn	1922 A	Nyack
Smith, Mary Eloise	1922 A	Rochester
Smith, Mary Hipwood	1923 A	Watervliet
Smith, Milton, jr	1921 A	Denver, Colo.
Smith, Nicolas Shaw	1923 Ag	Geneseo
Smith, Paul Hamilton	1925 M	Ithaca
Smith, Philip Rudolph Botha	1923 V	Ficksburg, O. F. S., South Africa
Smith, Ralph Harry	1921 A	Pittsburgh, Pa.
Smith, Ralph Leland	Sp Ag	Jacksonville

Smith, Robert Kenly	1924 A	Logan, Ohio
Smith, Robert Taylor	1924 Ag	Honesdale, Pa.
Smith, Ronald Gervais	1923 Ar	Chester, W. Va.
Smith, Seward Marcus	1922 A	Wilkes-Barre, Pa.
Smith, Walter Fox, A.B.	1921 MD (N.Y.C.)	Watertown
Smith, Wilfred Frank	1923 Ag	Livingston Manor
Smith, William Howard	1924 A	North Rose
Smulovitz, Heine	1922 MD (N.Y.C.)	New York City
Smyth, James Aloysius	1923 A	Corona
Smythe, Donald DeCou, B.S.	Grad	Ithaca
Snedeke., Alfred William	1921 A, 1924 MD	Staten Island
Snee, William Emerson	1924 M	West Elizabeth, Pa.
Snibbe, George William, jr	1922 A (Chem)	Catonsville, Md.
Sniffen, Josephine Augusta	1921 A	White Plains
Snitow, Anne June	1925 Ag	New York City
Snively, Hubert Kling	1922 Ag	Ithaca
Snodgrass, Elisabeth King	1922 A	Chicago, Ill.
Snow, Howard Bartley	1922 E	Crestwood
Snyder, Bernard Clark	1923 Ag	Ithaca
Snyder, Mary Elizabeth	1923 A (Chem)	Ithaca
Snyder, Norman	1921 A	Ithaca
Snyder, Raymond Dimmick	1924 A	Hillsdale
Snyder, Victor Joseph	1922 M	Harrisburg, Pa.
Sobol, Bernard	1921 A, Grad	New York City
Sohon, Irma Marsteller	1923 A	New York City
Solberg, Ingvald Ben	Sp Ag	Ithaca
Solberg, Louise, Ph.B.	Grad	Kobbervik, Drammen, Norway
Solomon, Edward Lawrence	1921 M	Beaver Falls, Pa.
Solomon, Reginald	1922 A	New York City
Solovay, Hyman	1922 A	Brooklyn
Solovay, Louis	1924 A	Brooklyn
Sonn, Edith	1923 A	Jamaica
Sorensen, Julie Skriver	1924 Ag	Corning
Sorensen, Marie Skriver	1924 Ag	Corning
Sotomayor, Alfonso	1923 Ag	Cordoba, Spain
Souders, Josephine Overton, A.B.	Grad	Phillipsburg, N. J.
Souter, Martha Chandley	1921 A, 1924 MD	Whitehall
Southard, Townsend F	1923 M	Ocean Side
Southee, Ethelbert Ambrook, B.Sc., B.Sc. (Agr.), M.A.	Grad	Rockdale, N. S. W., Australia
Southwick, Marshall Addison	1924 Ag	Gowanda
Sovocool, Stanley Morell	1922 M	Addison
Space, Ralph Griswold	1924 Ag	Dryden
Spahn, Herman Frederick	1923 A (Chem)	Pleasantville
Spahn, Otto Joseph, jr	1922 A (Chem)	Pleasantville
Spahr, Mary Burchard, B.A.	1922 MD (N.Y.C.)	New York City
Spangberg, Leonard Victor	1922 M	Tarrytown
Spangberg, Victor Arthur	1924 C	Tarrytown
Sparks, Norman Robert	1923 M	New Rochelle
Sparrow, Wayne Frank	1924 M	Anaconda, Mont.
Spaulding, John Sylvester	1921 A	New York City
Speakman, Willard Allen, jr.	1923 M	Wilmington, Del.
Spear, Kenneth Barney	1924 M	New York City
Speer, Franklin Raub	1922 M	Washington, D. C.
Speer, Sara Elizabeth	1921 Ag	Washington, D. C.
Speiden, Katherine Douglas, B.A.	1921 MD (N.Y.C.)	Summit, N. J.
Spence, Stockbridge Cable	1923 A	Newton, Mass.
Spencer, Adrian Lamoreaux	1921 L	Union Springs
Spencer, Elmer George	1921 Ag	Vergennes, Vt.
Spencer, Jennie Phillips	1921 Ag	Lisle
Spencer, Joseph Wilbur, jr	1923 M	West Orange, N. J.
Spencer, Leland, B.S.	Grad	Elmira
Spencer, Roy Clarence	1922 A	Pennellville
Spencer, Stanley Loomis	1924 M	Short Hills, N. J.
Sperry, Warren Myron	1921 A (Chem)	Coldwater
Spicer, Harold Willis	1922 Ag	Plainfield, N. J.
Spicer, Maude Whitford	Sp Ag	Plainfield, N. J.
Spielman, Harold Geiger	1921 Ar	Hollywood, Cal.
Spies, Lisette Dorothy	1923 A	Cleveland, Ohio
Spindler, Norman John	1921 M	Olean
Spivacke, Charles Abraham, M.D.	Sp MD (N.Y.C.)	New York City
Spock, Leslie Erskine	1923 A	Babylon
Sprague, Robert Todd	1924 C	New Berlin
Springer, Paul Kenneth Webster	1923 Ag	Interlaken
Springford, Vernon Herbert	1924 M	Milwaukee, Wis.
Sprong, Whyland Delos	1921 Ag	Sodus
Sproule, Alfred Nelson	1924 Ag	Watkins
Spurny, Felix Emil	1923 C	Long Island City
Spurr, John Constantine	1923 M	New Rochelle
Squires, Andrew Mouhot	1922 M	Greenport
Staats, William Ralph	1924 C	Wilmington, Del.

Stabler, Alan Douglas	1923 C	Baltimore, Md.
Stack, John Paul	1925 Ag	Conway, Mass.
Stahl, Charles, A.B.	1922 MD (N.Y.C.)	Newark, N. J.
Stahl, George Springer	1924 Ar	Toledo, Ohio
Stainton, Robert Sheldon	1922 M	Buffalo
Stanbro, Marie Adelaide	1921 Ag	Springville
Standish, Gerald	1921 M	New York City
Staneslow, John Stanislovaitis	1922 A	Binghamton
Stango, Benjamin	1925 A	Newark, N. J.
Stankiewicz, Helen	1921 A	Buffalo
Stanley, Ada Kenyon	1923 A	Buffalo
Stanton, Richard Carl	1924 A	Binghamton
Stanton, Stephen Trembly	1923 Ag	Cohocton
Staplin, Bayard Howe	1922 Ag	Mannsville
Stark, Jesse David	1921 A	Brooklyn
Starks, Donald Hand	1922 A	Chatham
Starkweather, Elizabeth Louise, A.B.	Grad	Newtonville, Mass.
Starr, Ernest Walter	1924 A (Chem)	Albany
Starr, Raymond Terry	1921 M	New York City
Starr, Richard Francis Strong	1924 Ag	Easton, Md.
Stasch, Dorothy	1921 A	Corning
Staub, Percival Hoag	1921 A (Chem)	Wellsboro, Pa.
Steadman, Ferdinande	1922 A	Yonkers
Stebbins, Alfred McCreedie	1924 Ag	Brooklyn
Stecker, Ormelle Haines	1921 A	State College, Pa.
Steczynski, Myron Edward	1922 M	Cambridge Springs, Pa.
Steel, Robert Wenzing	1921 A	Lansdowne, Pa.
Steele, Donald Eugene	1924 A	Windham
Steele, Mabel Frances	1923 A	Waverly
Steele, Varian	1924 M	Buffalo
Steffens, Frederick Robinson	1921 Ar	Washington, D. C.
Steffy, William Elijah	1924 C	Dover, Del.
Stein, David	1923 M	New York City
Stein, Julius	1924 A	Newark, N. J.
Stein, Samuel	1924 A	Brooklyn
Steiner, Sydney Kendall	1921 A (Chem)	New York City
Steiner, Violet Catherine	1921 A	Brooklyn
Steinmann, Edwin Oliver	1924 E	Rochester
Steinmann, Milton Bode	1921 Ar	Rochester
Steinmetz, Richard Bird	1922 M	Brooklyn
Stelle, Lewis Randolph	1924 A	Scranton, Pa.
Stephens, John James, 2d	1922 M	Brooklyn
Sterling, Joseph	1921 Ag	Oyster Bay
Stern, Jeno	1921 C	New York City
Sternbach, Jacob Joel	1921 C	New York City
Sterz, Bertha Gertrude	1925 A	New York City
Stessel, Morris Louis	1924 C	New York City
Stevens, Edward	1923 Ag	Newport, R. I.
Stevens, Earl Knights	1923 M	Newport, R. I.
Stevens, Helen Louise	1923 A	Kerrimoor, Pa.
Stevens, Lawton Terry, B.S. in M.E	Grad	Atlanta, Ga.
Stevens, Paul Clifton	1923 M	Muskegon, Mich.
Stevens, Richard, 2d	1923 M	Philadelphia, Pa.
Stevens, Trystram Cockey	1922 Ag	Baltimore, Md.
Stevens, Walter Eugene	1924 Ag	Greenville
Stevenson, Donald Marshall	1924 M	Cold Spring
Stevenson, Dorothy Jean	1922 Ag	Buffalo
Stevenson, James Rich, jr	1922 A	Hobart
Stevenson, Robert Lawrence	1925 M	Crafton, Pa.
Stevenson, Warren Allan	1921 M	Cold Spring
Stewart, Arthur William	1921 M	Seattle, Wash.
Stewart, Dorothy LeComte	1921 A	New York City
Stewart, Douglas	1923 L	Denver, Colo.
Stewart, Newell Coe	1922 M	Buffalo
Stewart, Ralph Walton	1923 Ag	Geneva
Stewart, Robert George, B.S.	1921 MD (N.Y.C.)	Jersey City, N. J.
Stewart, William Hepburn	1923 M	Williamsport, Pa.
Stichter, Ralph Benjamin, jr.	1924 M	Dallas, Texas
Stiles, Henry Thayer	1922 A	Warren, Ohio
Stillwell, Charles William	1922 A (Chem)	Ithaca
Stillwell, Abby Lorinda	1923 Ag	Ithaca
Stiner, Cecil Ewing	1923 C	Moylan, Pa.
Stix, Louis	1924 A (Chem)	Elmsford
Stobbs, William Malcolm, A.B.	1921 MD (N.Y.C.)	Ithaca
Stock, Leonard, jr	1921 Ag	Brooklyn
Stockman, Isabel Edwards	1924 A	Newark, N. J.
Stoiljkovitch, Arandjel	1924 Ag	Vlasotintzi, Jugo-Slavia
Stokoe, Edith Elizabeth	1921 A	Scottsville
Stone, Albert James, jr	1923 Ag	Englewood, N. J.
Stone, Charles Van Valkenburgh	1923 M	Utica
Stone, Fowler Penfield, jr	1924 A	Wausau, Wis.
Stone, Genevieve Evangeline	1924 A	Ithaca

Stone, Henry Chase	1924 M	New Brighton
Stone, Henry Norton	1924 M	Roanoke, Va.
Stone, John Raymond	1923 M	Ithaca
Stone, Linton	1923 M	Wilmington, Del.
Stone, Stephen Donald	1924 Ag	Ensenore
Storey, Margaret Hamilton	1922 A	Ithaca
Storrs, Will Carleton	1921 Ag	Madrid
Story, Theodore Harvey	1924 E	New York City
Stotz, Charles Morse	1921 Ar	Crafton Station, Pa.
Stotz, William Forrester	1922 A (Chem)	Crafton, Pa.
Stoughton, Wilford Francis	1921 Ag	Newark Valley
Stoughton, Zelner Hamlin	1924 Ag	Newark Valley
Stout, Joshua Wilson	1924 A	Ithaca
Stowell, William Curtis	1923 A	New York City
Strack, Ernest Victor	1922 M	Spring Valley
Strahan, Henry Clark	1922 E	Wappingers Falls
Strasser, Myron	1924 A	Albany
Stratford, Frederic Franklyn	1922 M	New York City
Strathman, Harold William	1923 A	Rochester
Stratton, John Stephen	1924 M	Ottawa, Ont., Canada
Stratton, Lewis Hubert	1922 Ag	Oxford
Stratton, Lucinda	Sp Ag	Trumansburg
Strauss, David	1922 V	Albany
Strauss, John Noble	1921 M	Yonkers
Street, George William, 2d	1923 A	Madison, N. J.
Strickler, Daniel Bursk	1922 L	Columbia, Pa.
Stringham, George Lauder	1924 V	Wappingers Falls
Strolis, Theodore William	1925 M	Shenandoah, Pa.
Strong, Allen Knox	1924 Ag	Waterloo
Strong, Charles Nicholas	1924 A	Canton
Strunk, Catherine	1923 A	Ithaca
Struthers, Archibald	1924 M	Yonkers
Stubenrauch, Walter Herman	1921 A, 1924 MD	West New York, N. J.
Stumpf, Richard Thomas	1924 C	Watertown
Stuntz, Jackson Sharp	1923 M	Havana, Cuba
Sturgeon, Myron Alfred	1922 M	Suffolk, Va.
Sturges, John Lauren	1923 M	South Worcester
Su, Lo Chen, B.S	1921 M	Yungting, Fu-kien, China
Suarez y de la Portilla, Dionisio Fernando	1923 C	Havana, Cuba
Suender, Russell Light	1922 M	Frackville, Pa.
Suffin, Rosalie	1921 A, Grad	Mount Vernon
Suiter, Vaughn Douglas	1922 M	Shamokin, Pa.
Sullivan, Cornelius Laurence	1924 M	Elmira
Sullivan, Dorothy Fleming	1923 Ag	Buffalo
Sullivan, Edward Cornell	1923 M	Hollywood, Cal.
Sullivan, George Dewey	1921 A	Mohawk
Sullivan, John Edward	1924 A	Elmira
Sullivan, Michael Gerald	1921 C	Rochester
Sullivan, Mortimer Allen	1924 A	Elmira
Summerby, Robert, B.S. in Agr	Grad	Quebec, Canada
Summers, Harry Anderson	1925 M	Brooklyn
Sumner, James Frederick	1922 Ag	Ann Arbor, Mich.
Sun, Kuo Feng, M.S.	Grad	Chungto, Fengtien, China
Sun, Yun Hsiao, S.B.	1921 M	Kaoyu, Kiangsu, China
Sundstrom, Charles Alfred, jr.	1921 C	Middletown
Sundstrom, Frank Leander	1924 A	Middletown
Sunico, Francisco Taufer, A.B.	1924 M	Manila, P. I.
Sussman, Esther Belle	1924 A	Dayton, Ohio
Sutherland, William Wilkins	1923 C	St. Louis, Mo.
Suttle, Andrew Dillard, B.S.A., M.S.	Grad	Louisville, Miss.
Sutton, Harry William	1922 V	Sidney Center
Sutton, Henry Bruner, A.B.	1921 MD (N.Y.C.)	Albion
Swan, Hugh Harris	1921 Ag	Sherburne
Swan, Verne Sturges	1921 Ar	Sherburne
Swanson, Sigurd Benedict	1921 M	Dunkirk
Sweeney, Charles Thomas	1921 Ag, Grad	Rexville
Sweet, Elsie Marie	1922 Ag	Hilton
Swezey, Fenton Hendy	1921 A (Chem)	Lockport
Swezey, George Eugene	1923 A	Lockport
Swift, Freeman Robert	1921 Ag	Mount Vernon
Swindells, Sydney Springer	1924 C	Brooklyn
Swirbul, Leon	1922 M	Ithaca
Sy-Quia, Pedro Michel, A.B	1924 A (Chem)	Manila, P. I.
Szymoniak, Thaddeus	1921 Ag	Buffalo
Tabachnek, Mendel	1922 M	Albany
Tabor, Edward Kenneth	1924 Ag	Orient
Tabor, Leslie Ray, Ph.B	1924 MD (N.Y.C.)	Auburn
Taggart, Clarence William	1924 M	New York City
Talbot, Frances Williams	1924 A	Jamaica
Taliaferro, Albert Pendleton, jr	1923 A	New York City

Taliaferro, Donald Francis	1923 M	Topeka, Kansas
Tallant, John Alexander	1925 M	Sewickley, Pa.
Talmage, Nathaniel Allen	1922 Ag	Riverhead
Tan, Shao Fan, B.Chem.	Grad	Tangshan, China
Tandy, Oscar Garrott	1925 M	Tampa, Fla.
Tang, Cheng Long	1921 C	Kishup Hup, Hupeh, China
Tang, Shing Yi, B.C.E.	Grad	Canton, China
Tang, Tsai Chun	1922 Ag	Shanghai, China
Tanner, Martha Almira	1923 Ag	Ithaca
Tannhauser, Henry William	1924 Ag	New York City
Tao, Wei Sun, B.S.	Grad	Wusih, Kiangsu, China
Tapp, William Wayne	1925 M	Portville
Tarbell, Louise	1921 A	Ithaca
Tarboux, Joseph Galluchat, B.S.	1922 M	Buena Vista, Fla.
Tarris, Venia Laota, B.S.	Grad	Ithaca
Tate, Kenneth Leeds	1924 M	Stamford, Conn.
Tate, Logan Cloud	1922 A	Nashville, Tenn.
Taussig, Richard Sigfried	1924 M	New York City
Taylor, Alfred Leslie	1921 A	Skaneateles
Taylor, Alvin Verender, jr	1924 C	Salt Lake City, Utah
Taylor, Donald Fay	1921 V	Albany
Taylor, Edward Winthrop	1921 M	Chicago, Ill.
Taylor, Franklin	1922 A (Chem)	Wilmington, Del.
Taylor, Helen Laura	1923 A	Methuen, Mass.
Taylor, Henry Leary	1921 M	Baltimore, Md.
Taylor, John Arthur, B.S.	1922 M.D (N.Y.C.)	New York City
Taylor, Laurens Armstrong	1923 M	Geneva
Taylor, Muton Noye	1925 Ag	Holley
Taylor, Raymond Leech	1924 Ag	Catskill
Taylor, Theodore Fred	1924 V	Morrisville
Taylor, William Campbell	1923 M	Chicago, Ill.
Tchoesitch, Kruta	1924 Ag	Prievor-Tchatchak, Jugo-Slavia
Teare, George William	1922 Ar	Cleveland, Ohio
Teed, Ralph Herman	1921 M	Springfield, Mo.
Teeple, John Hazen	1924 A	Montclair, N. J.
Teeter, Sidney Monroe, jr., A.B.	1921 A (Chem)	New York City
Teipel, Albert Henry	Sp Ar	Cincinnati, Ohio
Telfer, Thomas	1923 C	Boonton, N. J.
Temple, Heber Holbrook	1923 C	Pittsburgh, Pa.
Temple, Olive Myrtle	1922 A	Gouverneur
Ten Broeck, Jacob Wessel	1923 Ag	Hudson
Ten Eick, Charles Watson, B.S.	Grad	New York City
Teodoro, Anastasio L., B.Agr.	Grad	Santa Cruz, Laguna, P. I.
Teresewitz, Joe	1922 M	Wilkes-Barre, Pa.
Tetelman, Michael Martin, B.S.	1924 MD (N.Y.C.)	New York City
Tevonian, Hagop Puzant, B.S.	1922 C	Kasta, Armenia
Tewksbury, Floyd LaVerne	1923 M	Buffalo
Texidor, Antonio	1923 C	Guayama, P. R.
Thalheimer, Ruth Inez	1923 A	Richmond, Va.
Thearle, Ernest Lathrop	Sp M	San Diego, Cal.
Then, John William	1922 A	Ithaca
Thilly, Margaret	1921 A	Ithaca
Thomas, Albert Edward	1921 Ag, Grad	Corbettsville
Thomas, Alfred Randall	1923 M	Pasadena, Cal.
Thomas, Amy Flint	1922 A	Ithaca
Thomas, Cora Belle	1921 A	Skillman, N. J.
Thomas, Evelyn Vivian	1924 A	New York City
Thomas, Frank Howard, jr	1921 A	Wilmington, Del.
Thomas, Harold Edward	1924 A	Lima, Ohio
Thomas, Haskell Moisson, B.A.	1924 M	Florence, S. C.
Thomas, Jay Clyde	1922 M	Chicago, Ill.
Thomas, Lewis Newton	1925 M	Charleston, W. Va.
Thomas, Maceo Augustine	1922 Ag	Baltimore, Md.
Thomas, Marvin Watterson, C.E.	1922 C	Georgetown, Texas
Thomas, Raymond Einnon	1921 A (Chem)	Yonkers
Thomas, Robert White, A.B.	1921 A (Chem)	Ithaca
Thomen, Paul Wadhams	1922 C	Litchfield, Conn.
Thompson, Alvan C., B.Sc.Agr.	Grad	Cleveland, Ohio
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, Jerone Wilber	1924 A	Littleton, N. H.
Thompson, Lawrence Dorland, B.S.	1922 MD (N.Y.C.)	River Edge, N. J.
Thompson, Ralph Perrin	1921 Ag	Winter Haven, Fla.
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, Wells Nash, B.Sc.	1921 C	Adams, Mass.
Thoms, Joseph Chak, jr	1922 C	Brooklyn

Thomson, Alexander Bayard	1921 Ag, Grad	Buffalo
Thomson, Walter Dewitt, jr	1921 Ag	Rutherford, N. J.
Thomson, William Fenn Bigelow	1923 Ag	Springfield, Mass.
Thorne, Ralph Weymouth	1923 A	Williamsport, Pa.
Thornhill, Sewell Edwards	1923 M	Sayville
Thornton, George Hilyard	1922 A	Wayne, Pa.
Thornton, Thomas Walter	1922 L	Saugerties
Thrall, William North	1924 M	West Rutland, Vt.
Thropp, May Ashmore, A.B.	1922 L	Trenton, N. J.
Tibbits, Evelyn Grace	1923 A	Utica
Tielke, Maxwell Hansing	1924 M	Cleveland, Ohio
Tiffany, Matthew Aloysius	1924 A	Buffalo
Timm, Kenneth Baldwin	1923 A (Chem)	Yonkers
Ting, Zung-Kun, M.C.E.	Grad	Chen-Mo, Kun-Shan, Kiang-Su, China
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
Tinkler, Louis	1921 A	Brooklyn
Titus, Buel Franklin	1923 M	Rochester
Titus, Robert Noel	1924 A (Chem)	Elmira
Toadvine, Stephen Purnell	1923 A	Williamsport, Pa.
Tobey, Donald Mortimer	1923 M	Sherburne
Tobey, Herbert Dayton	1922 M	Walton
Tobey, Katherine Alice	1921 Ag	Ithaca
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.	1922 MD (N.Y.C.)	New Haven, Conn.
Tomic, Charles John	1921 L	Plymouth, Pa.
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	1922 M	Washington, D. C.
Tonow, Paul Takuma, M.Agr	Grad	New York City
Topham, Alfred, B.Sc	Grad	Laurence, Mass.
Topkins, Eva, A.B	1923 MD (N.Y.C.)	Califon, N. J.
Topliffe, Carleton Veda	1923 M	Port Byron
Torbert, John Guy	1922 A	Ithaca
Torkelson, Eilet Martin	1923 M	Sioux Rapids, Iowa
Torrance, Charles Chapman	1922 M	Yonkers
Touhey, John Manning	1923 M	Sayre, Pa.
Toupin, Gustave, B.A., B.S.A.	Grad	Saint Isidore, Que., Canada
Towart, James White	1923 C	Montour Falls
Towet, Elizabeth Augusta	1924 A	New Rochelle
Towne, Raymond Wendell	Sp M	Waterbury, Conn.
Townsend, Fanny Laney	1922 Ag	Elmira
Townsend, Walter Barton	1921 A	Elmira
Towsley, Lee Iran	1922 Ag	Rochester
Trainer, David, jr	1923 M	Calgary, Alberta, Canada
Trajkovich, Branislav	1924 Ag	Beograd, Jugo-Slavia
Trani, Frank Joseph	1924 C	Brooklyn
Trau, Frank Garland	1922 C	Waco, Texas
Traub, David William	1924 A (Chem)	Syracuse
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
Trella, Albert Bert	1924 Ag	Brooklyn
Treman, Allan Hosie	1921 A	Ithaca
Treman, Arthur Bott	1923 A	Ithaca
Tremlett, James Richard	1923 V	Edmeston
Trescher, John Henry	1921 A, 1924 MD	Jeannette, Pa.
Tressler, Katharina Marjorie, A.B.	Grad	Montpelier, Ohio
Trethaway, Charles Broad	1922 A	Wilkes-Barre, Pa.
Trethaway, William, jr	1922 M	Wilkes-Barre, Pa.
Treu, Harold Louis	1925 M	Forest Hills
Treu, John Edward	1924 M	Los Angeles, Cal.
Trevor, Barbara Ellis	1924 Ag	Ithaca
Tribus, Lucien Hall	1925 M	Clifton
Trigg, Irene Kathryn	1922 A	Washington, D. C.
Trilling, Rose	1924 A	Atlantic City, N. J.
Tripp, Curtis Carver, A.B.	1921 MD (N.Y.C.)	Fairhaven, Mass.
Tripp, Violet Laura	1921 A	Glens Falls
Trostler, Herma Marie	1921 M	New York City
Trotzky, Harvey, B.S., M.D.	Sp MD (N.Y.C.)	Pittsburgh, Pa.
Trousdale, James Bashford	1922 A	Ithaca
Trousdale, Theodore McKee	1921 A	Ithaca
Trowbridge, Basil Edwin	1923 Ag	Westfield, Pa.

Troy, Elinor Louise	1924 A	Ithaca
Truluck, George Madison, B.S., M.D	Sp MD (N. Y.C.)	Marion, S. C.
Trum, Alexander David	1924 M	Montgomery, Ala.
Tucker, Charles Ketchum	1922 Ag	Brooklyn
Turk, Harry	1924 A	New York City
Turman, Irving Pearson	1924 A	Brooklyn
Turnbull, Curtis Hussey	1921 Ag	Pittsburgh, Pa.
Turnbull, Thomas, 3d., A.B.	1922 M	Pittsburgh, Pa.
Turner, Blanche Elizabeth	1924 A	Glens Falls
Turner, Frederic Tullis	1923 M	Oil City, Pa.
Turner, George William	1922 M	Pittsburgh, Pa.
Turner, Gerald Ambrose	1921 Ag	New York City
Turner, John Corydon	1922 V	Cassadaga
Turner, Llewellyn	1923 Ag	Schoharie
Turner, Laura B. Miller	Sp Ag	Washington, D. C.
Turner, Max	1923 A	Brooklyn
Turner, Richard Harold	1922 M	Buffalo
Turner, Thomas Wyatt, A.M.	Grad	Washington, D. C.
Turpin, Marie Madeline	1921 A	Boston, Mass.
Tuttle, Arthur Lemuel, jr	1921 Ag	Stanford, Ky.
Tuttle, Austin	1923 M	Brooklyn
Tuttle, Bessie Matilda	1924 Ag	King Ferry
Tuttle, Elbert Parr, A.B	1923 L	Ithaca
Tuttle, Tracy	1921 A	King Ferry
Tutton, Gordon Nekrews	1923 M	Auburn
Tyldesley, Thomas Broadbent	1923 C	Watertown
Tyler, Eugene Randolph	1924 Ar	Lockport
Tyler, Henry Marshall	1924 M	New Brighton, Pa.
Tyler, Leland Corey	1921 Ag	Atlanta
Tyndall, Edward Philip Theodore, B.A	Grad	Richmond, Va.
Tyree, John Augustine, M.D.	Sp MD (N.Y.C.)	Remington, Va.
Tyroler, Felix Raphael	1922 A (Chem)	Brooklyn
Tyson, Edmund	1923 Ag	Princeton, N. J.
Uhl, Helen Margaret	1924 A	Rutherford, N. J.
Uhrbrock, Harold Witte	1924 Ag	Brooklyn
Ullman, David Louis, A.B.	1921 L	Buffalo
Ulman, Sunshine, A.B.	1922 L	New York City
Ulrich, Francis Victor	1922 M	Baltimore, Md.
Ulrich, Rosalie	1921 L	New York City
Underwood, Bert Orland	1922 C	Summit, N. J.
Underwood, Francis Omar, B.S.	Grad	Ithaca
Undritz, Frederick Reinhold	1921 Ag	West New Brighton
Unzicker, Otto Forst	1923 A	Chicago, Ill.
Upstill, Edgar Daye	1921 M	Cleveland, Ohio
Upstill, John Emmett	1924 M	Cleveland, Ohio
Urquhart, Jane McKelway, A.B.	Sp Ag	Ithaca
Usher, Robert Reese	1921 Ag	Poolville
Ushioda, Seikichi	1923 M	Tokyo, Japan
Uttal, Joseph	1922 A	New York City
Utz, Frederick William	1922 M	Wilkes-Barre, Pa.
Utz, Paul Frederick	1925 M	Pittsford
Vagg, Clara Mason	1924 A	Albion
Vail, Juanita Fanny Elizabeth	1923 Ag	East Stroudsburg, Pa.
Vaill, Ruth Geneva	1923 A	Port Chester
Valenciano, Angelo Solano	1922 V	Camalig, Albay, P. I.
Valensky, Reuben	1924 Ag	Petrusburg, O. F. S., South Africa
Van Allen, George Raymond, A.B.	Grad	Rensselaer
Van Alstyne, Walter Kent	1921 A, 1924 MD	Afton
Van Arnam, Ralph Newcomb	1925 M	Beaver Falls
Vance, Ledereich Stuart	1922 M	Louisville, Ky.
Vanderlip, Arthur Nelson	1925 M	Buffalo
Vandervort, John, jr	1923 Ag	Sidney Center
Van Duzee, Edward Heath	1921 A	Hamburg
van Gass, Johan Barend Cloete	Sp Ag	Springs, Transvaal, South Africa
Van Hall, Carl John	1922 A	Sodus
Van Hoesen, Karl Duane	1923 A	Ithaca
Van Horn, Theodora Louise	1921 A	Towanda, Pa.
Van Horne, Mark Dixon, jr	1923 A (Chem)	Bunker Hill, Ill.
Van Houten, Willard Boulet, jr.	1924 A	Newark, N. J.
Van Kirk, Ruth Stratton	1922 A	Newfield
Van Mater, James Bartholomew	1922 M	Atlantic Highlands, N. J.
Van Ness, Russell Terry	1923 M	Warwick
Van Nort, Arthur Clyde	1925 C	Cooperstown
Vannote, Howard Ball, jr	1922 M	Hasbrouck Heights, N. J.
Van Pelt, William Herrmann	1922 C	Brooklyn
Van Scoter, Chester Jay	1923 Ag	Dunkirk
Van Sickle, Roswell Charles	1923 M	Buffalo
Van Valkenburgh, Joseph Dwight	1922 M	Greene
Van Volkenburg, Horatio Luther, B.S., D.V.M.	Grad	Springville

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 Wyck, Prescott	1923 Ag	Summit, N. J.
van Zandt, Fannie Brice	1921 Ag	Ithaca
Varley, James Richard, D.V.M	Grad	Greenwich
Varon, Marcella Andree	1924 A (Chem)	Tompkinsville
Vaselius, George Gustave Emil, B.S.	1922 D.V.M	Ithaca
Vason, James Babcock	1925 M	Boston, Mass.
Vass, John Isaac	1922 A	Blairstown, N. J.
Vaughan, Frances Lemmon	1923 A	Hudson Falls
Vaughan, Henry Polk	1924 M	Montreal, Canada
Vaughan, Lawrence Moore	1923 Ag	Hudson Falls
Vaughan, Seymour Madison	1922 Ag	Hudson Falls
Vaughn, Aurelia Dodson	1923 A	Shelbyville, Ky.
Vaughn, Richard Owen, B.S.	Grad	Caledonia, Miss.
Vea, Mathew Rolf	1923 L	New Philadelphia, Ohio
Vedder, Earl Charles, A.B	1922 L	Ithaca
Vedder, Lansing S	1921 Ag	Schenectady
Veghte, Edgar Maxwell	1923 Ag	Johnstown
Velsey, Raymond DeWitt	1923 M	Grantwood, N. J.
Venman, Mary Janet	1924 A	Frewsburg
Venman, Ray Everett	1921 A	Frewsburg
Verbyla, Albert Edward	1922 A (Chem)	Danbury, Conn.
Vermilye, Sherwood	1921 M	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	1922 MD (N.Y.C.)	New York City
Vettel, Henry, B.S	Grad	New York City
Vieweg, Hermann Frederick	1921 A (Chem), Grad	Elmira
Villanueva, Alejandro J., M.S. in C.E.	Grad	Manila, P. I.
Vinograd, Bertha Myrtle	1921 Ag	Ithaca
Virioli, Jose, B.S	Grad	Piracicaba, Sao Paulo, Brazil
Vogel, Albert Otto	1923 M	Milwaukee, Wis.
Vogel, Anna Marie	1921 A	New York City
Vogel, Irvin Henry, M.S	Grad	Ithaca
Vogel, Sidney	1924 A	South Norwalk, Conn.
Vogt, Carl Theodore	1925 M	Hudson Heights, N. J.
Voigt, Louis Wainwright	1921 A	Pittsburgh, Pa.
Volkening, Robert Otto	1924 M	New York City
Volkert, Robert Morris, B.S.	Grad	New York City
Volpe, Innocent James	1922 C	Newark, N. J.
Von Beck, Marion Elfrieda	1922 A	Carbondale, Pa.
von Bergen, Hilda Katherine	1924 A	Jeffersonville
von Hazmburg, Romulus Seitz	1924 Ag	Cincinnati, Ohio
Von Oehsen, William Henry	1921 A 1924 MD (N.Y.C.)	New York City
von Roeder, Luise Ottilie	1925 Ag	New York City
Von Storch, Searle Henry	1923 Ar	Scranton, Pa.
Voorhees, Dorothy	1923 Ag	Auburn
Voorhees, Edith Magruder	1924 A	Groton
Voorhees, James Veghte	1921 A (Chem)	Richmond Hill
Vories, Faye	1922 Ag	New York City
Vosburgh, Frederic Leon	1921 A, 1924 MD	Auburn
Vose, Richard Shepard, B.S.	Grad	Spencer
Vrooman, Raymond Clifford	1923 Ag	Sharon Springs
Wade, Henry Sweetser	1925 A	Alton, Ill.
Wade, Preston Allen	1922 A	Helena, Mont.
Wadlin, Jack Fole	1924 V	Highland
Wadsworth, Doris Theresa	1923 Ag	Hastings
Wadsworth, Frank, jr	1922 A	Newark, N. J.
Wadsworth, James Raymond, A.B.	Grad	Hastings
Wadsworth, William Steele	1922 Ag	Farmington, Conn.
Wagaman, John Ray	1925 M	Connellsville, Pa.
Wagar, Humphrey Robinson	1924 L	Washington, D. C.
Wagenschutz, Myra Esther	1924 Ag	North Tonawanda
Wagoner, Charles Cliffton	Sp Ag	Brooklyn
Wahl, John Estabrook	1922 M	Chicago, Ill.
Wait, Harry Gregory	1924 Ag	New York City
Waite, Louise Alberta	1921 A	Fort Ann
Wakeley, Philip Carman	1923 Ag	Orange, N. J.
Wakeman, Seth, M.A	Grad	Batavia
Wald, Oscar, M.D	Sp MD (N.Y.C.)	Brooklyn
Waldner, Charles Eugene	1923 M	Brooklyn
Walenta, Edmund Joseph, 3d	Sp Ag	Schuylerville
Wales, Walton Glover	1924 A	Norfolk, Va.
Walke, Mary Atkinson	1922 A	Ridgewood, N. J.
Walker, Alva Stone	1921 M	Greenwich, Conn.
Walker, Cornelia Smalley	1922 Ag	Buffalo
Walker, Mercy Reed	1921 Ag	Canajoharie

Walker, Natalie	1924 A	Newark, N. J.
Walker, William Allen, A.B	1923 MD (N.Y.C.)	Byron
Walker, William Jeston	1922 M	Palmer
Walkley, Clarence Willard	1921 A	Le Roy
Wallace, Bertha Edna	1922 A	Middletown
Wallace, Donald Fraser	1925 M	Saginaw, Mich.
Wallace, Dorothy Irwin	1923 Ag	Flushing
Wallace, Francis Doolittle	1921 A	Geneva
Wallace, Herbert Gary	1923 A	Auburn
Wallace, James Herbert	1923 M	White Plains
Wallace, John Graham	1923 M	Jackson, Mich.
Wallace, Joy Carrie Joanna	1924 Ag	Washington, D. C.
Wallendorf, Bruno Louis	1924 Ag	Brooklyn
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
Walter, William Howard, M.A., LL.B	Grad	Goderich, Ont., Canada
Walters, Margery Laura	1922 Ag	Rochester
Walton, Alfred Bailys	1922 M	Freeport
Wang, Chien Z	1924 M	Shanghai, China
Wang, Hai Chen, B.S. (C.E.)	Grad	Shanghai, China
Wang, Hsun Tsai, B.Sc.	Grad	Chefoo, North China
Wang, Kuo Shu	1923 C	Chengtu, Szechuan, China
Wang, Livingston Juiting, B.A	Grad	New York City
Wannamaker, William Whetstone, jr., B.S	1921 C	Orangeburg, S. C.
Warburton, Clark Abram	1921 A, Grad	Odessa
Warburton, Fred William	1923 A	Odessa
Ward, Albert John	1921 A	Ithaca
Ward, Darwin Adams	1923 Ag	Whitehall
Ward, Elizabeth Bowlby	1922 A	East Orange, N. J.
Ward, Elsie Clara	1924 A	Gloversville
Ward, Margaret Ann	1922 A	Belmont
Ward, Matthew Joseph	1923 Ag	Lakewood, Ohio
Ward, Nairne Forsyth	1921 M	Lockport
Wardwell, Jerome Kenith	1923 M	Union Springs
Ware, Rosalind Lucille	1922 A	Yonkers
Warne, Colston Estey, A.B	Grad	Ithaca
Warner, Elizabeth Thomson	1923 A	Glenside, Pa.
Warner, Florence Eleanor	1924 A	Binghamton
Warner, Robert, Phar.D., M.D.	Sp MD (N.Y.C.)	Nashville, Tenn.
Warner, Robert Willets, jr.	1924 A	Glenside, Pa.
Warner, Theodore Mallory	1922 Ag	Wellington, Ohio
Warren, Donald Howe	1922 Ag	Whitehall
Warren, Mabel Carrie	1924 A	Hudson Falls
Warren, Robert DeBevoise	1923 M	Hollis
Warren, Theodore Edward	1921 L	Ashtabula, Ohio
Warshaw, David, A.B	1921 MD (N.Y.C.)	Albany
Warshow, Irving Henry	1921 A, Grad	Brooklyn
Warwick, Orville Hamilton	1922 M	Chicago, Ill.
Washburn, Albert Owens	1923 M	St. Paul, Minn.
Washburn, Harold Carl	1924 Ag	Franklinville
Washburn, Robert Collyer	1922 FA	New York City
Washburn, Winthrop Doane	Sp M	Ithaca
Washington, John Clement	1923 M	Washington, D. C.
Wasson, Robert Alexander	1922 M	Mattituck
Waterhouse, Frank Delaplain	1924 A	Wheeling, W. Va.
Waterman, Charles Ivor	1924 A	New York City
Waterman, Fred Walter	1924 M	Elyria, Ohio
Waters, Murray Goldsborough	1922 M	Baltimore, Md.
Watkins, Harold Smith	1923 C	Anderson, S. C.
Watkins, Leslie Lawrence	1924 Ag	Ithaca
Watkins, Oliver Morton	1921 Ag	Newark Valley
Watson, Elinor Mary	1923 Ag	Lewiston
Watson, Gavin	1923 M	Philadelphia, Pa.
Watson, William Edward	1923 M	Toledo, Ohio
Watson, William Law	1922 A	Pittston, Pa.
Watt, Ronald George	1923 M	Honolulu, Hawaii
Watters, Hyla Stowell, A.B	1921 MD (N.Y.C.)	Atlanta, Ga.
Weaver, Dana Sterling	1924 Ag	Brooklyn
Weaver, George Arthur	1923 A	Findley Lake
Weaver, Harry, A.B	1921 MD (N.Y.C.)	Amsterdam
Weaver, Harvey Adelbert	1923 Ag	Findley Lake
Weaver, Sarah Pearl	1923 Ag	Findley Lake
Webb, Benjamin Wellington	1922 M	Greenport
Webber, Eugene Thomas	1925 M	Columbus, Ohio
Webber, Wendell Kershaw	1924 Ag	Brooklyn
Weber, Alice Dora	1922 A	New York City
Weber, Arthur August	1921 Ar	Mount Clemens, Mich.
Weber, August	1921 Ag	Harrison
Weber, Helen Augusta	1923 A	New York City

Weber, Matthew, jr.	1924 A (Chem)	Salamanca
Weber, Wilfrid	1921 A (Chem)	New York City
Webster, Esther Mary	1924 A	Corning
Webster, Paul Amos	1924 A (Chem)	Cazenovia
Webster, Robert Lorenzo, A.B.	Grad	Ithaca
Wedell, Carl Frederic	1924 Ag	Buffalo
Weeber, Dorothy Alice	1921 Ag	Albany
Weeden, Edward Horatio	1922 A	Sidney
Weeden, Samuel Andrew	1924 E	Norwich
Weeks, Lester Frank, B.S., A.M.	Grad	Randolph, Me.
Weeks, William Donald	1925 M	Auburn
Wegner, Fritz William	1921 A	Frankfort
Wehle, Victor Otto	1924 M	Jamaica
Weichsel, Carl Christian	1922 M	Dallas, Texas
Weidman, Florence Elizabeth	1922 A	Camden, N. J.
Weidt, William Christian Joachim	1922 Ag	Mount Kisco
Weigel, Charles Edward	1924 E	Louisville Ky.
Weigel, Horace David	1925 M	Cleveland, Ohio
Weil, Evelyn Hannah	1921 A	Philadelphia, Pa.
Weill, Irwin	1925 M	New York City
Weinberg, Ruth	1923 A	Brooklyn
Weiner, Louis	1923 M	New York City
Weingold, Joseph	1924 A	Brooklyn
Weinreb, Samuel	1923 MD (N.Y.C.)	Brooklyn
Weinstein, Ezra	1921 L	Perth Amboy, N. J.
Weinstein, Isadore Peach	1922 A	Newark, N. J.
Weinstein, Samuel	1923 MD (N.Y.C.)	New York City
Weintraub, Julius	1924 Ag	New York City
Weir, Thomas Moffat, M.B.	Sp MD (N.Y.C.)	New York City
Weis, George William	1921 M	Wilkes-Barre, Pa.
Weisberg, Hyman	1921 M	Kingston
Weisberg, Nathan	1924 C	New York City
Weisbord, Norman Edward	1924 A	New York City
Weiselberg, Isidore	1923 Ag	New York City
Weiser, Charles Spangler	1924 A (Chem)	York, Pa.
Weiss, Freeman, B.S.	Grad	Washington, D. C.
Weiss, Herbert Albert Julius, M.E.	Grad	Rochester
Weiss, Isidor	1923 M	New York City
Weiss, Milton	1923 A	Hudson
Weiss, Murray	1921 M	Brooklyn
Weiss, Soma	Sp MD (N.Y.C.)	New York City
Weissberger, Stephen, B.S.	1924 MD (N.Y.C.)	New York City
Weissenburger, George LaMonte	1924 E	Keokuk, Iowa
Welch, Catherine Margaret	1923 A	Ithaca
Welch, William Miller, 2d	1921 M	Yardley, Pa.
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, James Hutchison	1924 Ar	Evanston, Ill.
Wells, Laurence Raymond	1921 C	Schuylerville
Welsh, Joseph James	1922 M	Tompkinsville
Welson, Thomas Warren	1925 M	Cold Spring
Welti, Walter	1924 A	Salt Lake City, Utah
Welton, Walter Frederick, A.B.	1924 MD (N.Y.C.)	Mohegan Lake
Wendell, Rosamond Hill	1922 Ag	Lockport
Wendler-Funaro, Karl Heinrich	1922 Ag	Brooklyn
Wendnagel, Charles Eugene	1923 M	Chicago, Ill.
Wendt, Robert Hutten	1924 Ag	Barnard
Wenger, Ralph Anderson	1922 Ag	Waynesboro, Va.
Werbelowsky, Isidor	1921 A (Chem)	Brooklyn
Werly, Berlyn McIntyre	1922 M	Ithaca
Werly, Glenn Louis	1923 Ag	Ithaca
Werner, Richard Castleman	1924 M	New Orleans, La.
Werring, Walter William	1922 M	Brooklyn
Wertz, Cyril J., B.Sc. in E.E.	Grad	Richland, Nebr.
Wesch, Alfred Harold	1922 Ag	Brooklyn
Wescott, Dorothea Muriel	1924 A	Newburgh
Wesolowski, Waclaw Andrew	1923 A (Chem)	Yonkers
West, Alvin Emil	1921 M	Washington, D. C.
West, Arthur Matthew	1923 M	Rhinebeck
West, Elliott Mitchell, jr.	1923 M	Hartsdale
West, George Addison	1923 Ag	Rhinebeck
West, Grace Walrond	1923 A	Brooklyn
West, Jean Wardlaw	1921 A	Oklahoma City, Okla.
West, Luther Shirley	1921 Ag, Grad	Owego
Westcott, Lilian Vaughan	1921 Ag	Princeton, N. J.
Westervelt, Ralph Henry	1922 M	Ithaca
Wethey, Harold Edwin	1923 A	Port Washington
Wexler, David	1921 A, 1924 MD (N.Y.C.)	Brooklyn

Wexler, Frances	1923 A	New York City
Wexler Freda	1924 A	New York City
Wheaton, Lewis Ulysses	1922 M	Buffalo
Wheaton, Ruby Adelaide	1923 A	Ithaca
Wheeler, Everett Pepperrell	1923 A	Geneva
Wheeler, Mary Alexandria	1921 A	Syracuse
Wheeler, Ray Leech	Sp Ag	Sprakers
Wheeler, William Harrison	1924 Ag	Florida
Whipple, Earl Franklin	1923 V	Rochester
Whitaker, Randall	1923 Ag	New York City
Whitchurch, Anna Kellman, A.M	Grad	Galesville, Wis.
Whitchurch, Irl Goldwin, A.M., B.D	Grad	Galesville, Wis.
White, Alexander Craig	1923 A (Chem)	Pittsburgh, Pa.
White, Andrew Mercer	1921 M	Baltimore, Md.
White, Britton	1924 E	Syracuse
White, Clifford Rees	1923 A	Hollis
White, Elwyn Brooks	1921 A	Mount Vernon
White, Frederic Fullerton	1922 A	Greenwich, Conn.
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, Richard Peregrine, B.S.	Grad	North Acton, Mass.
White, Ruth Langworthy	1923 A	Ithaca
White, William King	1922 Ag	Cleveland, Ohio
White, William Thomas	1925 M	Glen Head
Whitehill, Alfred Aloysius	1921 Ag, Grad	Brooklyn
Whitehill, Catheryne Ella	1924 A	North East, Pa.
Whitelaw, Bertha	1921 Ag	New York City
Whiteside, Horace Eugene, A.B	1922 L	Bell Buckle, Tenn.
Whiteside, Lulu Estelle	Sp Ag	Waco, Texas
Whiting, Ralph Earl	1924 V	Ithaca
Whiting, William Alonzo, B.S	Grad	Ithaca
Whitlock, Leon Coe	1924 A	Lyons
Whitman, Samuel Corbin, A.B	1921 L	Afton
Whitman, Sterling Treat	1924 Ag	Weedsport
Whitner, Alonzo Church	1923 A	New York City
Whitney, Cass Ward, B.S.	Grad	Castile
Whitney, Howard Erwin	1922 C	Albany
Whitson, Donald Dickson	Sp Ag	Afton
Whittaker, Charles	1923 M	Kingston
Whittemore, Beverly	1925 Ag	Collins Center
Whittemore, William Horace	1921 A	East Orange, N. J.
Whyte, Keith Carrick	1922 M	Anaconda, Mont.
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	1921 Ag	Ticonderoga
Wickes, Henry Herriman	1923 L	Rochester
Wickes, Ruth Elizabeth	1923 Ag	Ticonderoga
Wickham, Don Jay	1924 Ag	Hector
Wicks, Allyn Benjamin	1923 Ag	Oxbow
Wicks, James Monroe, M.D.	Sp MD (N.Y.C.)	Jamaica
Widger, Glenn Preston	1924 Ag	Troupsburg
Widing, Joseph William	1922 C	Philadelphia, Pa.
Wieczorek, Helen Aline	1924 A	Buffalo
Wiedorn, William Shaffrath, B.S.	Grad	Manhattan, Kansas
Wiegand, Phillip Henry	1924 A (Chem)	Milwaukee, Wis.
Wiener, Richard Leopold	1925 A	Akron, Ohio
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	Elmira
Wigsten, William J.	1923 Ag	Elmira
Wilbur, James Waldo	1921 A	DeLancey
Wilbur, Ruth Marion	1924 A	Waverly
Wilcox, Ansley, 2d	1921 A	Castleton-on-Hudson
Wilcox, Frederick Atwater	1924 A	Ithaca
Wilcox, John Franklin	1925 Ag	Council Bluffs, Iowa
Wilcox, William Wyatt	1922 A	Sayre, Pa.
Wilde, Sylvia	Sp Ag	Brooklyn
Wilder, George Warren, jr	1924 Ag	New York City
Wilder, Harris Emory	1922 A	Elmhurst, Ill.
Wilkes, Edward Theodore	1921 MD (N.Y.C.)	Brooklyn
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

Wilklow, Ward	1921 L	Ellenville
Willcox, Alanson Work	1922 A	Ithaca
Willcox, Mary Goodenow	1923 A	Ithaca
Willgerout, Tillie Margarete	1922 A (Chem)	Montclair. N. J.
Williams, Amy Elizabeth	1923 A	New York City
Williams, Duncan Ballard	1924 M	Glen Ridge, N. J.
Williams, Eugene Monroe	1921 A	Maryville, Tenn.
Williams, Frederick Bronson	1923 C	Waterbury, Conn.
Williams, George Clark	1924 M	Brewster
Williams, Gerald Crofoot	1921 C	Binghamton
Williams, Gordon Early	1924 Ar	Columbus, Ohio
Williams, Grace Dorothy	Grad	West Winfield
Williams, Herbert Edgar, jr.	1925 M	Douglaston
Williams, Kenneth Victor	1923 Ag	Chappaqua
Williams, Langdon Thomas	1922 L	Columbus, Ohio
Williams, Otis Parker	1923 A	Norwalk, Ohio
Williams, Ruth Gladys, M.A	Grad	La Verne, Cal.
Williams, Victor Jackson	1922 M	Bolivar
Williams, William Norman	1922 A (Chem)	Schenectady
Williamson, Christina Valeria	1923 Ag	Huntington Station
Williamson, Frank Shaver	1922 A (Chem)	Frankfort
Williamson, Frederick Voorhees	1921 M	Brooklyn
Williamson, Grace Kane, jr	1924 Ag	Detroit, Mich.
Willis, Paul Truitt, A.B	1921 MD (N.Y.C.)	Niagara Falls
Willison, Dorothy, A.B	Grad	Huntington, W. Va.
Willits, Ruth Cushman	1924 A	Anaconda, Mont.
Willoughby, Wesley Fuller	1922 A	Catasauqua, Pa.
Wilson, Anna Isabella	1922 A	Yonkers
Wilson, Arthur Young	1923 A	Youngstown, Ohio
Wilson, Carl Louis, A.B.	Grad	Lorain, Ohio
Wilson, Edward	1921 M	Pittsburgh, Pa.
Wilson, Francis Henry	1923 Ag	Salem
Wilson, Harold A	1922 A	Downsville
Wilson, Harold Lynn	1924 A	Buffalo
Wilson, James Bentley	1921 Ag	Buffalo
Wilson, James Edward	1921 Ag	Patchogue
Wilson, Mildred Fay	1922 A	Ithaca
Wilson, Richard William	1924 M	Patchogue
Wilson, Ross Alexander	1922 A	Toronto, Ont., Canada
Wilson, Wade Inskeep	1921 A	Buffalo
Winans, Huntting Conklin	1925 Ag	Pine Plains
Winans, Laurance Cochnower	1923 M	Cincinnati, Ohio
Winch, Percy Holden	1923 M	West Newton, Mass.
Winchester, Milo Follett	1921 Ag	Wassaic
Wincor, Abraham Lincoln, A.B	1923 MD (N.Y.C.)	New York City
Windnagle, Dewey Fenton	1923 M	Penn Yan
Windt, Valentine Barthold	1921 A	New York City
Winemiller, James Lewis, A.B	1924 MD (N.Y.C.)	Great Neck
Wing, Willis Kingsley	1923 A	Toledo, Ohio
Wingate, James Donald	1924 Ar	Brookline, Mass.
Winkelman, Louis Arthur	1923 M	Baltimore, Md.
Winograd, Harold	1924 M	Rochester
Winter, James Henry	1921 M	Greene
Winters, James Harold	1924 A (Chem)	Kingston
Winters, Nathaniel Elmer, M.S.	Grad	Charlotte, N. C.
Wissel, Howard Clinton	Sp Ag	Ithaca
Witter, Margaret Shepard, A.B.	1923 MD (N.Y.C.)	Rhinebeck
Wittwer, Norman Carl	1921 C	Ebenezer
Witzel, Joseph Alfred	1921 Ag	College Point
Wixom, Clinton Wood	1922 C	Trumansburg
Wixom, Elmer Benjamin	1922 Ag	Trumansburg
Wocher, Reginald Fredrick	1921 C	Yonkers
Woehl, Arthur Lensen	1923 A	Buffalo
Woeppel, Oswald Joseph	1921 M	Corning
Wohlenberg, Fred Harold	1923 Ar	Fort Worth, Texas
Wohlhueter, Lucy Victoria	1924 A	Buffalo
Wolf, Augusta	1922 A	Brooklyn
Wolf, John Thomas	1924 Ag	New York City
Wolf, Princess Mariam	1921 Ag	Homer
Wolfe, Charles Burr	1924 C	Baltimore, Md.
Wolfe, Thomas Kennerly, M.S	Grad	Elkton, Va.
Wolff, Armand Thompson	1923 M	Waterbury, Conn.
Wolff, Elizabeth Lucy	1921 Ag	Ithaca
Wolff, Howard	1922 A	Brooklyn
Wolff, Irving, B.S.	Grad	New York City
Wolff, Ramona Louise	1924 A	New York City
Wolfrom, Carlos Eugene	1922 Ag	Ithaca
Wolfson, Alfred Mortimer	1921 Ag, Grad	New York City
Wolkind, Isadore Harold	1924 A	Buffalo
Wolkinson, Herman	1924 A	Brooklyn
Woo, Choong Wai, B.S.C.E	Grad	Chang Chow, Kiangsu, China

Wood, Albert Edward	1925	M	Philadelphia, Pa.
Wood, Alfred Roland	1921	C	Princes Bay
Wood, Cedric Willits	1921	M	Buffalo
Wood, Charles Amos	1922	M	Syracuse
Wood, Edna Deborah	1924	Ag	Binghamton
Wood, Franklin Secor	1923	A	Seneca Falls
Wood, Franz West	1923	M	Des Moines, Iowa
Wood. Frederic Conger	1924	C	Brooklyn
Wood, Harlan Valentine	1922	M	Jacksonville
Wood, Harrison	1924	M	Rutherford, N. J.
Wood, Hilton Gerard	1921	A (Chem)	Stamford, Conn.
Wood, Humphreys Farmer	1924	A (Chem)	Batavia
Wood, Irving Aaron	1924	M	New Hartford
Wood, James Edward	1923	C	Edenton, N. C.
Wood, Jessie Elmira	1922	A	Whitehall
Wood, John Palen	1924	M	Newport News, Va.
Wood, Karl Dawson	1922	M	Washington, D. C.
Wood, Orla Leslie, jr	1923	E	South Norwalk, Conn.
Wood, Paul Orlady	Sp	Ag	Brooklyn
Wood, Percy Hasselle	1922	C	Chattanooga, Tenn.
Wood, Phillip Allen	1924	M	Beverly, Mass.
Wood, Sanford Ballard Dole	1922	L	Honolulu, Hawaii
Woodcock, Fletcher Howard	1924	Ag	Spencer, Iowa
Woodcock, Thursia May	1924	Ar	Spencer, Iowa
Wooden, Aubrey Arthur	1923	V	Waterloo
Woodin, Ernest Clinton, jr	1923	A	Pawling
Woods, Don Thomas	1923	Ag	White Pigeon, Mich.
Woods, Edward Harold	1924	M	St. Josepha
Woods, Robert McLain	1923	M	Wheeling, W. Va.
Woodward, Dorothy Morris	1923	A	Sayre, Pa.
Woodward, Harold Stone	1922	C	Worcester, Mass.
Woodward, Julian Laurence	1922	M	Chicago, Ill.
Woodworth, Ruth Adaline	1922	A	Avoca
Wool, Martha Elizabeth	1924	Ag	Ithaca
Woolf, Walter Scott	1923	Ag	New York City
Woolston, Loren Stratton	1924	Ag	Spencerport
Workman, Roy Hiram	1921	A	Lititz, Pa.
Worman, Elizabeth Dorothy	1922	A (Chem)	New York City
Worsell, Leslie Fenner	1925	Ag	Ludlowville
Worthington, Charles Gad	1923	M	Stafford
Worthington, Gertrude Wood	Sp	Ag	Stafford
Wrede, Frederick William	1925	C	Hoboken, N. J.
Wright, Anton Pope, jr	1923	M	Savannah, Ga.
Wright, Donald Allerton	1923	Ag	Rochester
Wright, Edwin Francis	1923	M	Baltimore, Md.
Wright, Ehrick Hanford	1921	C	New York City
Wright, Forrest Blythe	1922	Ag	Cynthiana, Ky.
Wright, Harry Davis	1925	M	Lima, Ohio
Wright, Hazel Eunice	1922	Ag	Johnson City
Wright, Irving Sherwood	1923	A	Bloomfield, N. J.
Wright, Sheldon Bailey	1924	A	Idaho Falls, Idaho
Wright, Simeon Mather	1921	M	Watertown
Wright, Walter David, jr	1923	Ag	Webster
Wright, William Edward, B.S	Grad		New Rochelle
Wrigley, Roger	1924	A	Huguenot Park
Wu, Chenfu Francis, B.S., M.A	Grad		Shanghai, China
Wu, Hain Ping, B.S	1921	M	Kiangyin, China
Wurzburger, George Gottfried	1921	Ag	Los Angeles, Cal.
Wyckoff, Mary Elisabeth	1923	Ag	Geneva
Wyckoff, Norman Ross	1921	C	Pittsburgh, Pa.
Wyman, Emily Lucile	1923	A	Middlesex
Yale, Maurice Wade	1924	Ag	Guilford
Yang, Shao Tseng	1922	A (Chem)	Shanghai, China
Yang, Tsin-Sheng, B.A	Grad		Water City, Dungchowfoo, Chefoo, China
Yao, David	1922	C	Tung Pang, Changshu, Kiangsu, China
Yates, Elsie Trail	1921	Ag	Hilledale, N. J.
Yeatman, Charles Alfred	1923	M	LaGrange, Ill.
Yeaton, Ruth Agnes, M.A	Grad		Portsmouth, N. H.
Yeh, Chia Yuan, B.S	Grad		Shanghai, China
Yellen, Irving	1922	A	Buffalo
Yellen, Maurice	1922	A	Buffalo
Yen, Johnson	Sp	A	Wuchang, Hupeh, China
Yerxance, Vera Winifred	1924	A	Rutherford, N. J.
Yingling, Robert Stoops	1923	E	Muncie, Ind.
Yocum, Phelps	1925	M	Easton, Pa.
Yoffa, Annie	1921	A, 1924 MD	Brunswick, Victoria, Australia
Yokogawa, Tokisuke	1921	Ar	Tokyo, Japan
Young, Ernest Charles, B.S	Grad		Ithaca
Young, Frank Levi, jr	1924	M	Ossining
Young, George John	1923	A	Brooklyn

Young, Gertrude Parker	1921 Ag	Mount Vernon
Young, Harold Runyon	1921 A	Bloomfield, N. J.
Young, Harry Pestana, B.S	Grad	Ithaca
Young, Hiram Belding	1921 A (Chem)	New York City
Young, John Laurens, B.S	1922 C	Union, S. C.
Young, Mildred Lydia	1924 A	Binghamton
Young, Paul Allen, A.B.	Grad	Garrett, Ind.
Younglove, Margaret Wilhelmina	1923 Ag	Hammondsport
Yu, Henry, B.S.	Grad	Shanghai, China
Yu, Tsung Kuei, B.Sc. (C.E.)	Grad	Changshu, Kiangsu, China
Zabat, Manuel V., B.S. (C.E.)	1921 C	Gapan, N. E., P. I.
Zadig, Ernest Arthur	1921 M	New York City
Zahn, Lewis Frederick	1924 C	Detroit, Mich.
Zahniser, Elizabeth	1924 A	New Castle, Pa.
Zalesak, William Augustine	1924 E	Washington, D. C.
Zametkin, Laura Keane	1921 A	Jamaica
Zammataro, Salvatore Joseph	1921 M	Brooklyn
Zanoth, Fernand Rudolph, E.E	Grad	Turin, Italy
Zapata y Torres, Miguel	1922 A	Cabo Rojo, P. R.
Zapf, Florence Maria	1924 Ag	Ithaca
Zapf, Irene Augusta	1921 Ag	Ithaca
Zaug, Dawson Frank	1924 C	New London, Wis.
Zawatski, Cecelia Irene	1924 A	Sugar Notch, Pa.
Zehner, Louis Aylesbury	1922 Ag	Brooklyn
Zeissig, Alexander	1923 Ag	New York City
Zeller, Cornelia Pauline Hedwig, A.B	Grad	Scranton, Pa.
Ziegler, Helen Alexander	1923 Ag	Richmond Hill
Ziegler, Mary Alexander	1923 M	Richmond Hill
Ziman, Frederick	1924 A	Brooklyn
Zimmer, Byron Lewis	1924 M	Rochester
Zimmerer, Charles John	1923 A	St. Louis, Mo.
Zimmerman, James Donald	1922 A	Cortland
Zimmerman, Winifred Hazel	1924 Ag	Cortland
Zingone, Anthony	1925 M	New York City
Zitseman, Frank Jacob, A.B	1924 MD (N.Y.C.)	Providence, R. I.
Zoeller, Bertha Louise	1924 A	Wilmington, N. C.
Zuidema, Albert	1921 M	Holland, Mich.
Zvirin, Helen	1924 A	Larchmont

Summary by Colleges

GRADUATE SCHOOL			440
COLLEGE OF ARTS AND SCIENCES			
Candidates for A.B.	Class of 1921	302	
	Class of 1922	344	
	Class of 1923	395	
	Class of 1924	488	
	Class of 1925	43	
	Special Students	15	
Candidates for B.Chem.	Class of 1921	50	
	Class of 1922	64	
	Class of 1923	49	
	Class of 1924	83	
	Class of 1925	2	
	Special Students	1	
			1845
COLLEGE OF LAW	Class of 1921	45	
	Class of 1922	53	
	Class of 1923	19	
	Class of 1924	1	
	Special Students	1	
			119
MEDICAL COLLEGE			
New York City	Class of 1921	40	
	Class of 1922	43	
	Class of 1923	67	
	Class of 1924	44	
	Special Students	51	
Ithaca Division	Class of 1924	28	
			273
VETERINARY COLLEGE	Class of 1921	19	
	Class of 1922	17	
	Class of 1923	33	
	Class of 1924	11	
	Class of 1925	1	
			81
COLLEGE OF ARCHITECTURE			
	Class of 1921	33	
	Class of 1922	17	
	Class of 1923	26	
	Class of 1924	25	
	Class of 1925	10	
	Special Students	6	
			117
COLLEGE OF AGRICULTURE			
	Class of 1921	253	
	Class of 1922	223	
	Class of 1923	321	
	Class of 1924	304	
	Class of 1925	34	
	Special Students	69	
			1204
COLLEGE OF ENGINEERING			
School of Civil Engineering	Class of 1921	89	
	Class of 1922	97	
	Class of 1923	85	
	Class of 1924	81	
	Class of 1925	24	
	Special Students	1	
Schools of Mechanical and Electrical Engineering	Class of 1921	182	
	Class of 1922	283	
	Class of 1923	366	
	Class of 1924	315	
	Class of 1925	147	
	Special Students	17	
			1686
Total Number of Students, deducting for names counted twice (103)			5668

Geographical Summary

Alabama	14	Maine	10	South Carolina	18	Dominican Rep.	3
Arisona	3	Maryland	62	South Dakota	3	Ecuador	1
Arkansas	3	Massachusetts	84	Tennessee	16	England	3
California	32	Michigan	55	Texas	33	France	2
Canal Zone	1	Minnesota	15	Utah	8	Greece	2
Colorado	81	Mississippi	5	Vermont	15	Guatemala	2
Connecticut	81	Missouri	44	Virginia	59	Honduras	1
Delaware	13	Montana	8	Washington	15	India	2
Dist. of Columbia	68	Nebraska	13	West Virginia	14	Italy	1
Florida	14	New Hampshire	13	Wisconsin	26	Japan	7
Georgia	16	New Jersey	367	Wyoming	4	Jugo-Slavia	7
Hawaii	14	New Mexico	2	Argentina	9	Mexico	5
Idaho	6	New York	3383	Armenia	6	New Zealand	1
Illinois	86	North Carolina	18	Australia	1	Norway	3
Indiana	32	North Dakota	2	Belgium	1	Palestine	1
Iowa	21	Ohio	190	Bermuda	2	Peru	2
Kansas	16	Oklahoma	13	Brasil	9	Russia	7
Kentucky	22	Oregon	3	Canada	23	Scotland	1
Louisiana	22	Pennsylvania	422	China	70	Siam	2
		Philippines	27	Colombia	5	South Africa	8
		Porto Rico	21	Cuba	11	Spain	2
		Rhode Island	9	Denmark	2	Turkey	4

Additional Enrollment

Students Registered in Summer, 1920	2021
Winter Courses in Agriculture, 1920-21	326

Total Registration by Years from the Opening of the University

1868. 412	1878. 505	1888. 1229	1899. 2766	1910. 5624
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
1872. 539	1882. 405	1892. 1883	1903. 3423	1914. 6891
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. 4465	1918. 5644
1877. 529	1887. 1022	1897. 2120	1908. 4859	1919. 7711
		1898. 2543	1909. 5194	1920. 7520

STUDENTS, SUMMER OF 1920

Students registered after the Second Term of 1919–1920 and before the First Term of 1920–1921. Ag, indicates Third Term Agriculture; Grad, Third Term Graduate School; Grad (P), Graduate School, Personal Direction; SS, Summer Session; SSAg, Summer School of Agriculture.

Abbiss, Helen Zilpher, B.Mus.	SS	Braddock, Pa.
Abbott, Clifford Alton	SSAg	Candor
Abel, Howard Bernae	SS	Brooklyn
Abell, Max Flavel, B.S	Grad	Fayetteville
Aber, Floyd Jay	Ag	Avoca
Abraham, Rae, B.A	SSAg	New York City
Abrahams, Estelle Louise	SS	New York City
Abram, Goldie Gertrude	SS	Honesdale, Pa.
Abromeit, Margaret Frances	SSAg	Elizabeth, N. J.
Abudo, Joaquin Antonio	SS	San German, Porto Rico
Adams, Berenice	SSAg	Baltimore, Md.
Adams, Frances Elliott	SS	St. Joseph, Mo.
Adams, John	SS	Easton, Pa.
Adams, Lucy M.	SS	New Martinsville, W. Va.
Adams, Marjorie Juliet	SS	North Troy
Adler, Leo	SS	New York City
Alden, Rose, A.B	Grad SS	Neshanic, N. J.
Aldrich, Leon Corey	SS	Norwich
Aldrich, Mildred	SS	Castile
Aldridge, Arthur McKinley	SS	Victor
Alhadef, Solomon	Ag	New York City
Allanson, Roy Adolph	SSAg	Ithaca
Allen, Catherine, B.A., M.A.	SS	Oberlin, Ohio
Allen, Charles Loring, A.B., M.S.	Grad	Brodhead
Allen, Eleanor	SS SSAg	Brooklyn
Allen, Harriett Rebecca	SS	Devon, Conn.
Allen, Mavea Geraldine, B.S.	Grad SS	Denver, Colo.
Allen, Raymond Peck	SS	Lima
Allen, Robert Bernard	SS	Denver, Colo.
Allen, William McKinley	SS	Perth Amboy, N. J.
Allis, Ethel Elizabeth, B.S	SSAg	Ithaca
Alspach, Helen Varwig	SS	Philadelphia, Pa.
Altschuler, Sadie Edith	SSAg	New York City
Alwine, Daisy Catherine	SS SSAg	Kenilworth, D. C.
Amado, Lucy	SS	Brooklyn
Ames, George Chester	SS SSAg	Cortland
Anderson, Carin Ingeborg	SSAg	West Newton, Mass.
Anderson, Duncan Ross	SS	Rome
Anderson, Ethel Louise	Grad (P)	Jamestown
Anderson, Francis Willard	SS	Wallington, N. J.
Andre, Rose Henriette, A.B.	SSAg	Buffalo
Andrews, Elizabeth Marie	SS SSAg	Washington, D. C.
Andrews, Etta Bickert, B.Mus.	SS	College View, Nebr.
Andrews, George Gordon, A.M.	SS	College View, Nebr.
Andrews, William Alexander, A.B	Grad SS	Woodhaven
Angel, Gladys Helen	SS SSAg	Liberty
Angel, Mabel, A.T.C.M.	SSAg	Liberty
Anthony, Helen Van Zile	SS	Jersey City, N. J.
Applegate, Edward Cuyler	SS	New York City
Archbold, William Cornell	SS	Syracuse
Armstrong, Henrietta Marie	SS	Sparrows Point, Md.
Arronet, Margaret George	SS	Petrograd, Russia
Arrowsmith, Isabelle	SS SSAg	Freehold, N. J.
Aschaffenburg, Eugene Albert	SS	New Orleans, La.
Atherton, Bernice Margaret	SSAg	Angelica
Atkins, James Hurst	SSAg	Cobleskill
Atkinson, Robert Emory	SS	Chestertown, Md.
Aucamp, Anna Jacoba M.A.	SS SSAg	Kimberley, S. Africa
Auer, Marie Jeffery	SS	Aurora, Ill.
Augenblick, Rebecca Delphia	SS	Nanticoke, Pa.
Ave, Marie Lillie	SS	Buffalo
Art, Ridgely Wilson, B.S.	Grad	Baltimore, Md.
Babcock, Ruth Anne, B.S., M.A	SS	Richmond Hill
Bachman, Elva Myrtle	SS	Freeland, Pa.
Bachman, Ora Belle	SS	Middletown, Pa.
Backer, William	SS	New York City
Bacon, Charlotte Trotter	SS	Canandaigua
Bacon, J. John Fairbank	SS	Tarrytown
Badanes, Lillian	SS	Mount Vernon
Badger, Eunice Louise, A.B.	SSAg	Ithaca

Bahadurji, Gool Jamsedji, B.A	SS SSAg	Bombay, India
Bailey, Mary Louise	SS SSAg	Sioux City, Iowa
Bailey, Williams Dunlavy	SS	Boonton, N. J.
Baird, William Jesse, B.S., B.S. in Ag	Grad	Berea, Ky.
Baker, Alice Marie, A.B.	SS	Corning
Baker, Arthur Sidney	SS	New York City
Baker, David Wright	SS	Dunkirk
Baker, Evah Alma, B.Mus.	SS	DeLand, Fla.
Baker, Henry Hudson	SS	Dunkirk
Balch, Hiram Smith, B.A.	SS	Hickory, N. C.
Balch, Janet	SS	Utica
Baldwin, Frank Cecil	Ag	Bristol, Pa.
Ball, Ellis Robert	SS	Cattaraugus
Ball, Marie Agnes	SSAg	Rochester
Ball, Robert Mueller	SS	Detroit, Mich.
Ballantine, Elizabeth Stuart	SS SSAg	Philadelphia, Pa.
Ballou, Hosea Cushman	SS	New York City
Barber, Harry Panajioti	SSAg	Sayre, Pa.
Barber, Myrtle Almedia Groat	SS	Fort Edward
Barbrey, Gabriel Francis	SS	Clinton, N. C.
Barley, Rose Mary	SS	New York City
Barlow, Sumner Hancock	SS	Trenton, N. J.
Barndt, Hester Helwig	SS	Catawissa, Pa.
Barned, Louise	SSAg	Ithaca
Barnhill, Martha Orene	SS	Crawfordsville, Ind.
Barr, Herbert Howard	SS	Terre Haute, Ind.
Barrett, Berenice Elizabeth	SS	Buffalo
Barrett, Edgar Anerton	SS	Fairmont, W. Va.
Barrett, Isabel Hildreth, B.A.	Grad SS	Brooklyn
Barringer, Benton Elwood, B.S	Grad	Caneadea
Barron, William Abrams	SS	Portland, Me.
Barros-Barreto, Benjamin Franklin	SS	Pernambuco, Brazil
Bartholomew, Bessie Zingo	SS	Rocky Mount, N. C.
Bartholomew, Lulu Estelle	SS	Charlotte Station
Bartsch, Barbara Elizabeth	SS	Shenandoah, Pa.
Bartsch, Edward Holmes	SS	Jersey City, N. J.
Bass, Joseph Martin	SS	Newark, N. J.
Bass, Sarah Abalena, A.B.	SS	Plainfield, N. J.
Bassett, Catherine Clark	SS	Washington, D. C.
Batdorf, Arabelle Elizabeth	SS	Annville, Pa.
Baur, Oscar, jr	SS	Chicago, Ill.
Bayles, Frederic Francis	SS	Cincinnati, Ohio
Bayne, Thomas Levingston, jr., B.S.	Grad	New York City
Beach, Horace Hinman	SS	Mansfield, Pa.
Beaman, Charles Orsen, B.S.	SS SSAg	Brockport
Beaman, Mildred Farley	SS	Detroit, Mich.
Bean, Mary Elizabeth	SS	Philadelphia, Pa.
Bear, Ella May	SS SSAg	Orefield, Pa.
Beard, Alma Lucille	SS	Corning
Beardslee, Wanda Jane	SSAg	Elmira
Bechtel, Helen Walker	SS	Perth Amboy. N. J.
Beck, Gladys, A.B	Grad SSAg	Kansas City, Kans.
Beck, Leslie Earl	SSAg	Owego
Behrends, Frederick Gardner, B.S.	SSAg	Ithaca
Bell, Arthur Reginald	SSAg	Ithaca
Bell, Martha Simonton	SS	Baltimore, Md.
Belser, Bertha	SS	Hershey, Pa.
Benatar, Miriam	SS	Passaic, N. J.
Benedict, Thelma Cecil	SSAg	West Henrietta
Benjamin, Ernest Clarence, jr.	SS	New York City
Benner, James William. D.V.M	Grad	Manhattan, Kans.
Bennett, Agnes Madeline	SS	Kenwood
Bennett, Katherine Elizabeth	SS	Gloucester, N. J.
Bennett, Letcher Wayne	SS	Brooklyn
Bennett, Raymond Emerson	SSAg	Saugerties
Benson, Bernard Alexander	SS	Buffalo
Benson, Helen May	SS SSAg	Springfield, Mass.
Benta, Kenneth Lowell	SS	New Rochelle
Benton, Marion	SS	Savannah, Ga.
Benton, Millard Warren	SS	Cortland
Bernhoft, Edith Amelia, B.A	Grad SS	Buffalo
Bernhoft, Flossie Caroline	SSAg	Buffalo
Bernis, Hildegarde Margaret, B.A	SS SSAg	Brooklyn
Berry, Donald William	SS	Houston, Texas
Berry, James B., B.S., M.S	Grad	Winter Haven, Fla.
Bert, Wilma Gene	SS	Cicero, Ind.
Bethge, Victor Droste	SS	Brooklyn
Beutel, Frederick Keatings	SS	Tacoma, Wash.
Bidden, Dora Susanna	SSAg	Reading, Pa.
Biddison, Lula Nichols	SSAg	Baltimore, Md.
Bigelow, Karl Worth, A.B.	Grad SS	Worcester, Mass.

Bitner, Marian Jean	SS SSAg	Ligonier, Pa.
Blackburn, Walter Gerard	SS	Yonkers
Blackwell, Mabel Madeleine	SSAg	Brooklyn
Blanchard, Isaac Munro	SS	Syracuse
Blanding, Ellen Shannon	SS	Lexington, Ky.
Bleiman, Gladys Katherine, B.A., M.A	SS	New York City
Blend, Mabel Abbey	SSAg	Berkshire
Blood, Florence Adaline	SS	Elmira
Bloy, Myron Barnett	SS	Detroit, Mich.
Bluhm, Eva, B.S.	SSAg	New York City
Boardman, Catharine Morris, B.S.	SSAg	Guilford
Bock, Clara Barbara	SS	Poughkeepsie
Bodell, Bertha Bell	SS SSAg	Bergen
Bohmfalk, Henriette Elizabeth	SS	New York City
Bohne, Florence	SS Ag	Northport
Boies, Grace Griffith, A.B.	Grad SS	Birmingham, Iowa
Bolan, Francis Joseph	SS	Waterbury, Conn.
Boles, Margaret Cabell, A.B.	SS	Punxsutawney, Pa.
Boohecker, James McEniry	SS	Brooklyn
Boorem, Gladys Marian, A.B.	Grad SS	Lehighton, Pa.
Booth, James David	SS	Longmeadow, Mass.
Boothroyd, Harold Cairns	SS	Firthcliff
Borst, Cornelia Anne	SS	New York City
Bost, Mildred Margaret	SS	Homestead, Pa.
Bostock, Margaret	SSAg	Bryn Athyn, Pa.
Botsford, Avery Downs	SS	Middletown
Bovit, Gertrude	SS	Summit, N. J.
Bowen, George Washington	SS	Cleveland, Ohio
Bowen, M. Emma	SS	Washington, D. C.
Bower, Harriet Kremer	SS SSAg	Pittsburgh, Pa.
Bower, Theresa Marie	SSAg	Trumansburg
Bowles, Alma Isabel	SS	West Springfield, Mass.
Bowman, Florabelle Buehrle	SS	Lancaster, Pa.
Bowman, Theodore	SS	White Plains
Boyd, Bernice Victoria	SSAg	Candor
Boyd, Morrison Comegys, A.B., A.M., B.A.	SS	Philadelphia, Pa.
Bradley, Clara Belle	SSAg	Ozone Park
Bradley, Ruth Julia	SS	Springfield, Mass.
Braen, Grace Carmen, B.A.	SSAg	Sag Harbor
Brainard, Frank Edward	Ag	Binghamton
Braman, Hazel Elizabeth	SS	Homer
Branch, Edwin Albro	Ag	Brooklyn
Branch, Hazel Elizabeth, A.B., A.M.	Grad	Wichita, Kans.
Brandt, Marea Rose	SSAg	Syracuse
Bredbenner, Edgar Elias	SSAg	Reading, Pa.
Bredel, Clara Helen	SSAg	Buffalo
Breed, Robert Read	SS	Kingsley, Pa.
Breese, John Ambrosi	SS	Venedocia, Ohio
Breese, Carl Pridham	SS	West Hoboken, N. J.
Brew, James D., B.S.	SS	Ithaca
Brewer, Laura Amanda	SS	Ithaca
Brewster, Elizabeth Esther	Ag	Freeville
Bridgman, Robert Rice	SS	Hamburg
Briegel, Julius Leo	SSAg	Ithaca
Briggs, Roscoe Wallace	SSAg	Glens Falls
Brill, Kenneth Campbell	SS	Poughquag
Brindle, Dorothy	SS	Waynesboro, Pa.
Brisson, Elizabeth Anna, B.S.	SS	Sauquoit
Broad, Mabel	SS	Homestdale, Pa.
Brockway, John Dunn	SS	Syracuse
Brokaw, Arthur Halsey	SS SSAg	Interlaken
Bromer, Edward Harold	SS	Schwenksville, Pa.
Bronson, Wesley Hotchkiss, B.S.	Grad SS	Rome
Brooke, Margaret Cunningham	SS	Media, Pa.
Brooks, Frances Irene	SS	Pontiac, Mich.
Brooks, Reuben Robert N.	SS	Brooklyn
Broughton, Julia Etta	SS	Little Falls
Broughton, Mary Selina, A.B.	SS	Elmira
Brown, Clara A.	SS	Hammonton, N. J.
Brown, Gladys Mae	SS	Ithaca
Brown, Henry George	SS SSAg	South Dayton
Brown, Mary Cecelia	SS	Ithaca
Brown, Mary Gillingham	SS	Lambertville, N. J.
Brown, Myra Sophronia	SS	Leonardsville
Browne, K. Mae, A.B., A.M.	SS	Pontiac, Mich.
Brownell, Grace Alvira, B.A.	Grad SS	Mattapoisett, Mass.
Brownlee, Lydia Ruth, A.B., B.S.	SS	Anderson, S. C.
Bruce, Mary McClarren	SS	Delta, Ohio
Bruce, William French, B.S. in Ag.	Grad SSAg	Delta, Ohio
Brumbaugh, Charles Howard	SS	Orange, N. J.
Bryne, May Edith	SS SSAg	Minneapolis, Minn.

Buchaca, Isabel Marie	SS	Brooklyn
Buck, Nellie Leona	SS	Groton
Buckheit, Marguerite	SSAg	Buffalo
Bucknam, Delilah Hayes	SSAg	Walton
Buell, William Ray, B.S.	SSAg	Norwich
Buenano, Henri Rene	SS	Buenos Aires, Argentina
Bull, Dorothy Ruthena	SS	Middletown
Bull, William Earle	SS	Binghamton
Bullen, Avery Lockhart	SS	Syracuse
Bullman, Eloise, B.A.	SS	Springfield, Mass.
Bullock, Caroline Mary	SS	Youngstown
Bullock, Elizabeth Brewster	SS	Honesdale, Pa.
Burford, Alice Esther, B.A.	SS	Brooklyn
Burhams, Edna May	SS	Burlington, Iowa
Burke, Ella Celia	SS SSAg	North Kensington, Pa.
Burke, James Harry	SS	Hartford, Conn.
Burke, Stephen Francis	SSAg	Green Island
Burlingame, Doris Zervia	SS	Woodcliff, N. J.
Burmistroff, Vassily Georgievitch	SS	Turovo-Kashin, Russia
Burnham, Dorothy	SS	Bryn Athyn, Pa.
Burns, Mary Frances	SSAg	Corona
Burr, Abigal Crutts	SSAg	Etna
Burr, Hazel Lillian	SS	Woonsocket, R. I.
Burrell, Anna Cobb	SSAg	Norwich
Burriss, Sarah Lucile, A.B.	SS	Anderson, S. C.
Burroughs, Kenneth Cook	SS	Geneva
Burstein, Lillie	SS	New York City
Burton, Benjamin	SS	Philadelphia, Pa.
Button, Henry Burr	SSAg	Farmingdale
Byers, Ella Louise	SS	Grafton, W. Va.
Byrne, Edward Munson	SS	Washington, D. C.
Byron, Milton Lester	SS	Erie, Pa.
Cadden, Catherine Bernadette	SS	Scranton, Pa.
Cale, Frank Brownly, B.S. Ag.	SSAg	Blacksburg, Va.
Calloway, Robert Woodward	SS	Baltimore, Md.
Camden, Stella Du Priest	SS	Lynchburg, Va.
Campbell, Carleton	SS	Brooklyn
Campbell, Edna Dee	SSAg	Carmen
Campbell, Emily Alva	SS SSAg	Philadelphia, Pa.
Campbell, Georgena Leora	SS	McKees Rocks, Pa.
Campbell, John Joseph, jr.	SS	New York City
Campbell, Margaret Ruth	SS	East Northfield, Mass.
Caperton, Vera Helena	SS	Princeton, W. Va.
Card, Leslie Ellsworth, B.S.	Grad	Troy, Pa.
Carey, Bruce Anderson	SS	Hamilton, Canada
Carey, Mary Frances	SS	Rutherford, N. J.
Carey, Morris Winfield	SS	Mauch Chunk, Pa.
Carlson, Fred Albert, B.S.	Grad	Pittsfield, Mass.
Carmack, Ruth Eliza	SS	Phoenixville, Pa.
Carney, Earl Edward	SS	Cedar Falls, Iowa
Carpenter, Charles Milton, D.V.M., M.S.	Grad(P)	Unadilla
Carpenter, Edith May, B.S.	SS	Horseheads
Carpenter, Jennie	SSAg	Bartow, Fla.
Carpenter, Mary	SS	Bartow, Fla.
Carscadin, Frances Louise	SS	Trenton, Mo.
Carson, James Reed	SS	Pittsburgh, Pa.
Carstenson, Gudrun Anna	SS	Copenhagen, Denmark
Carter, Lowaine Whitney	SS	Worcester, Mass.
Cartwright, Marion Elizabeth	SS	Allentown, Pa.
Carver, Alberta Belle, B.M.	SS	Bartlisville, Okla.
Case, Edna Pearl	SS	Cuyler
Casey, Mary Veronica	SS SSAg	Medina
Cass, John Lewis	SS	Salem, Mass.
Cassedy, William Fraser, jr.	SS	Newburgh
Castle, Hempstead	Ag	Albany
Castillejo, Lino Juan, A.B, A.M.	SS	Tumanini, Isabela, P. I.
Cavanaugh, Alice Marian	SS	Ithaca
Cavanaugh, Anna Agnes	SS Ag	Ballston Spa
Cavanaugh, Jeanne	SS SSAg	Washington, D. C.
Chace, Lydia Gardiner, A.M., B.S.	SSAg	Providence, R. I.
Chalmers, Marian Ethel	SS	Folsom, N J.
Chamberlain, Carl Gregory	SSAg	Rochester
Chamberlain, Helen Hoge, A.B., A.M.	SSAg	Ithaca
Chamberlain, Louise Ralpha	SSAg	Lake View
Chamberlain, Walter Edwin, B.S.	Grad SSAg	Ithaca
Chambers, Henry James	SS	Walton
Champlin, Donald Webb	SS	Oneida
Chandler, Alice Etta, B.A.	SS	Montclair, N. J.
Chandler, Fred Charles	SS	Cleveland, Ohio
Chaney, Levere McDonald	SS	West Coxsackie

Chaney, Mary Adele	SSAg	Tupper Lake
Chao Ming Kao	SS	Liao-Yang, Fengtien, China
Chao, Shen Chu	SS	Yuhsien, Honan, China
Chapin, Leila, A.B.	SSAg	East Bloomfield
Chapin, Lester Colegrove	SS	Louisville, Ky.
Charbonneau, Bernadette, A.B.	SS	Ogdensburg
Charlton, Livra Marguerite	SS	Naples
Charron, Philip Joseph	SS	Ithaca
Chase, Willis Edmund	SS	Newcomb
Chaskin, Harold Seymour	SS	New York City
Cheek, Maud	SS SSAg	Amory, Miss.
Cheeseman, Celinda Ruth, A.B.	SS	Ellenburg
Chen, Chia Lin	Grad SS	Peking, China
Chen, Hsi Ching	SS	Amoy, China
Cheng, Kan Yun, C.E.	SS	Ninghai Hsien, Chekiang, China
Chesbro, May Louise	SS SSAg	Fairport
Cheshire, Minerva White	SS Ag	Springville
Child, Lachlan Wallace	SS	West Orange, N. J.
Childs, Harriet Sherwood	SSAg	Geneva
Christianson, Raynard	SS	Butler, Pa.
Christopher, Edith L.	SSAg	Ramsey, N. J.
Chu, Ling, M.E.	SS	Peking, China
Church, Doris Virginia	SSAg	Baltimore, Md.
Church, Olivia Josephine	SS SSAg	Tiverton, R. I.
Clapp, Mary Elizabeth	SS	Ithaca
Clark, Amy Eliza	SS	Honedale, Pa.
Clark, Arthur Lincoln	Ag	Jamacia Plains, Mass.
Clark, Dorothy Miller	SS	Marion, Mass.
Clark, Eleanor Louise	SS	Syracuse
Clark, Jason	SS	Williston, Vt.
Clark, Luella Gertrude	SS	Big Flats
Clark, Waid Van De Mark	SS	Buffalo
Clarke, Florence Sayers, A.B.	Grad SS	Woonsocket, R. I.
Clarke, Robert Watkins	SS	Rutherford, N. J.
Clever, Dorothy Goodhart	SS	Shippensburg, Pa.
Cloude, Helen Louise	SS	Cincinnati, Ohio
Coan, Abraham Moses, B.S.	SSAg	Ithaca
Coats, Bertha	SSAg	Nile
Cobb, Florence Luther	SS SSAg	Cambridge, Mass.
Cobb, Harold Vernon, A.B.	SSAg	Endicott
Cobb, William Gerard George	SS	Point Pleasant, N. J.
Coblens, Monroe	SS	Brooklyn
Coblentz, Julia Martha	SS	Dayton, Ohio
Cobler, Mabel Grace	SS SSAg	Berkshire
Cock, Jessamine Remsen	SSAg	Brooklyn
Cocks, Ralph James, B.S.	SS	Kingston
Coe, Grace Earle	SSAg	Fredonia
Cohen, Adelaide Flora, B.S.	SSAg	Brooklyn
Cohen, Ida Vera	SSAg	New York City
Cohen, Ira Marsop	SS	Middletown
Cohen, Martha	SSAg	New York City
Cohen, Miriam	SS	Brooklyn
Cohen, Rose	SSAg	Brooklyn
Cohen-Coutin, Jacob Selig	SS	New York City
Cole, Anna Caroline	SS SSAg	Northampton, Pa.
Cole, Edwin Asbury, jr.	SS	Housatonic, Mass.
Cole, Florence Evelyn	SSAg	Freeville
Cole, Helen Marie	SSAg	Freeville
Cole, John Jay	SS	Buffalo
Cole, Kenneth Watkins	SS	Avon, N. J.
Collins, Edwin Lansdale	SS	Bainbridge
Collins, Marguerite Teresa	SS	Jamestown
Collins, Reba Janette, B.S.	SS	Yonkers
Collins, Virginia Broatta	SS	Oswego
Colt, Leonard Beeber	SS	New York City
Colvin, Donald	SS	Glenview, Ill.
Colvin, William Henry, jr.	SS	Glenview, Ill.
Combs, William Charles	SS	Rochester
Compton, Dorothy May	SSAg	Bridgeton, N. J.
Condit, William Chapin	SS	Ithaca
Condon, Lawrence William	SS	Ithaca
Conklin, Cecile Laura, B.S.	SS	Hillsdale
Connor, Dorothy Enid	SS	Trumansburg
Connor, Edith Beatrice	SS	Brooklyn
Connor, Maude Frances	SSAg	Brooklyn
Conrad, Ruth Esther, A.B.	SS	Watkins
Conway, Susie Frances	SS SSAg	Riverside, R. I.
Cook, Harold Earl	SSAg	Owego
Cook, Junius Ford	SS	Ithaca
Cook, Mabel Hall	SSAg	Brooklyn
Cook, William Frederick	SS	Ithaca

Cooke, Oscar Herbert	Ag	Lyons Falls
Coombes, Beatrice	SS	New York City
Coon, Ruth	SS	Montour Falls
Coons, George Edgar	SSAg	Kingston
Cooper, Herbert Press, M.S.	Grad, SS	Amherst, Mass.
Coppage, Eliza Anne	SS	Norfolk, Va.
Cormany, Charles Evans, B.S.A.	Grad	Las Cruces, N. Mex.
Cornwell, Ralph Thomas Kline	Grad(P)	Northumberland, Pa.
Cortina, Cesar	SS	Santo Domingo
Cortina, Victor Manuel	SS	Santo Domingo
Cory, Olive Leavitt	SS	Hardin, Mont.
Cossette, Romeo, B.S.A.	SSAg	Montreal, Canada
Cottrell, Edwin Harrison	SS	East Orange, N. J.
Covert, Myra Elizabeth	SSAg	Highland
Cowen, Daisy	SS	New York City
Cowles, Henry Trask, B.S.	Grad	Mayaquez, P. R.
Cox, Elbert Frank, A.B.	SS	Evansville, Ind.
Cox, Hiden Toy, B.A.	Grad SS	Greenville, S. C.
Coyle, Anna Elizabeth	SSAg	Scio
Coyle, Wilfred James	SSAg	Scio
Crabtree, Theodore Hudson	SS	New York City
Craig, Mary Belle	SS	Dallas, Texas
Craighead, Samuel Judson	SS	Wilkinsburg, Pa.
Craley, Charlotte Henrietta	SS	Red Lion, Pa.
Crandall, Will Giles	SSAg	Ithaca
Crannell, Harriette Evalyn	SS	Albany
Crawford, Claude Wallace	SS	Parkersburg, W. Va.
Crawford, Doris	SS	Ithaca
Crawford, Helen Miller	SS	Rocky Mount, N. C.
Crawford, William	SS	Schenectady
Creal, Harold Leroy	SSAg	Jamestown
Crisfield, Lloyd Zabriskie	SS	Brooklyn
Crismond, Ruth Sinclaire	SS	Spotsylvania, Va.
Cross, Harold Ritchie	SSAg	DeKalb Junction
Cross, Josephine Groat	SS	Gowanda
Crossley, Laura	SS	Binghamton
Crowell, Wilhelmina Bayer	SS	Brooklyn
Crozier, George Douglas	SS	Honolulu, Hawaii
Crump, Enid	SS	New York City
Crutcher, William Harris	SSAg	Tallahassee, Fla.
Cruz, Carlos	SS	Guatemala, C. A.
Cubillos, Ernesto	Ag	Bogota, Colombia
Cuddeback, Thomas Joel	SSAg	Elmira
Cummings, Madelene Louise, , B.A.	SSAg	Watertown
Cummings, Nellie Frances, A.B.	SS	Boonville
Cunneen, Wallace Vincent	SS	Port Jervis
Cunningham, Emma Belle	SS	Mount Pleasant, Pa.
Curran, Cornelia C.	SSAg	New York City
Currie, Archibald, A.B.	SS	Davidson, N. C.
Curtiss, Leon Francis, A.B.	Grad(P)	Naples
Cutler, Helen Eaton, A.B.	SS	New York City
Dacie, Marie Louise	SS	New York City
Dackerman, Priscilla	SS	Delaware, Ohio
Dahlgren, Olga Adella	SS SSAg	Providence, R. I.
Dain, Bryant Depew, B.S.	Grad	Peekskill
Dale, Alice Franklin	SS	Springfield, Mass.
Daly, Margaret Mary, B.Mus.	SS	Binghamton
Daly, James Joseph	SS	Binghamton
Dangler, Alfred	SS	Cleveland, Ohio
Daniels, Francis Wallin	SS	Ithaca
Daniels, Helen	SS	Gilbertsville
Dare, Florence Champion	SS	Pitman, N. J.
Darrow, Helen	SS	Edinboro, Pa.
Daus, Thelma Lucile	SS	Rochester
Davey, Thomas Trude, jr.	SS	Northport
Davies, Horace Franklin	SS	Roselle, N. J.
Davine, Katherine Agnes	SS	West Rutland, Vt.
Davis, Alice Rebecca	SS	Cressona, Pa.
Davis, Ann Carolyn	SS	Wellsboro, Pa.
Davis, Glenn Merrill, A.B.	SS	Albany
Davis, Helen Cogswell	SS SSAg	Wilkes-Barre, Pa.
Davis, Ralph Dayton	SS	Ithaca
Davis, Vera J.	SSAg	Wilkes-Barre, Pa.
Davison, Lester	SS	St. Joseph, Mo.
Davison, Robert Otis	SS	Bath
Davy, Armand Leon	SS	Ontario
Day, Carolyn	SS	Swarthmore, Pa.
Day, George Willis, B.S.	SS	Lynn, Mass.
Day, Hazel Elizabeth	SS	Buffalo
Day, Theresa M.	SS	Council Bluff, Iowa

Dealing, Mabel Jeanette, B.Mus.	SS	Watertown
Dealing, Mary Lucille, B.Mus.	SS	Watertown
Deam, Roberta Elizabeth, A.B.	SSAg	Bluffton, Ind.
Dean, Gertrude Blanch	SSAg	Ithaca
Dean, Helen Jenison	SS	Dorranceton, Pa.
Deane, Helen Marie	SS	New York City
DeBaun, Roger Watson	SS	Asbury Park, N. J.
de Castro, Anastacio Francisco, A.B.	SS	Manila, P. I.
Deck, Clara Mae, A.B.	Grad SS	West Leesport, Pa.
Deering, Miriam Lemont	SSAg	Oneida
Deetrick, John Ward	SS	Youngstown, Ohio
DeHart, Gladys Viola	SS	Canaan, Conn.
Dehler, Elsie Emma	SSAg	Woodhaven
Deidrick, Raymona Herbert	SSAg	Owego
de la Fountaine, Elise, A.B.	SSAg	New York City
DeLong, Homer Craig	SS	Trumansburg
Demaree, Claire Rebecca	SS	Newport, Pa.
Dempsey, George Joseph	SS	Oswego
Dengler, Frank George	SS	Lyons
Denler, Leo Nicholas	SS	Buffalo
Denman, Ralph Herman, B.S.	Grad SSAg	Ithaca
Dennelley, Maude Hilda	SS SSAg	New York City
Dennis, Frank Selmon	SS	Ithaca
Dennis, Gerald Munroe	SS	Chicago, Ill.
Dennis, Hazel Vesta	SS SSAg	Baltimore, Md.
Densmore, Richard Douglass	SS	Erie, Pa.
Detwiler, John Detweiler, B.A.	Grad	Kitchener, Canada
Dewel, Harold Edwin	SS	Lewistown, Pa.
Devine, Richard Henry	SSAg	Albany
Dewar, Joseph Kyle	SS	Bellevue, Pa.
Dick, Bessie Lillian	SS	Danbury, Conn.
Dickens, Kathryn Grace	SS SSAg	Ithaca
Dickenson, Dorothea Claire	SS	Ithaca
Dicker, Martin	SS	Ithaca
Dicker, Myrtle Adelaide	SS	Cold Brook
Dickey, Marie Therese, A.B.	SSAg	Niagara Falls
Dickinson, Harrite Carleton	SS	Jackson, Mich.
Dickson, Frank, B.A.	Grad	Bantford, Ontario, Canada
Diehl, Edward Peter	SS	New York City
Dikeman, Raymond Charles	Ag	Forestville
Dilger, Mary Anne	SS	Washington, D. C.
Dill, Florence Mary, A.B., M.A.	Grad	Buffalo
Dimsey, Gladys Mather	SSAg	Highland
Disay, Eugenie Marie	SS	Pittsburgh, Pa.
Doggett, Allen Barrows, jr.	SSAg	Hampton Institute, Va.
Doherty, Avis Margaret	SS SSAg	New York City
Doherty, Josephine Maria	SSAg	Brooklyn
Donahue, Margaret Louise	SSAg	Ithaca
Donais, Blanche Eva	SS	Easthampton, Mass.
Donaldson, Mabel Lewin, B.A.	SS	Brooklyn
Dong, Nyok Zoe, B.A.	SSAg	Shanghai, China
Donley, Florence May	SSAg	Seneca Falls
Donley, Harold James	SS	Duryea, Pa.
Donohue, Eleanor, A.B.	Grad SS	Great Barrington, Mass.
Doremus, Burton Terhune	SS	Red Bank, N. J.
Dorfman, Beatrice	SS	New York City
Derman, Harriet Elizabeth, A.B.	SS	Geneva
Dorothy, Ina Josephine	SS	Niagara Falls
Dorsey, Rosse Mary	SS	Wheeling, W. Va.
Douglas, Pearl	SS	New York City
Dower, Catherine Irene	SS	Easthampton, Mass.
Doyle, Elizabeth Anna	SSAg	Auburn
Drake, Beatrice Eaton	SS	North Middleboro, Mass.
Drake, Elizabeth	SS	Bethlehem, Pa.
Drake, Kathryn	SS	Bethlehem, Pa.
Draper, Elaine	SS	Coatesville, Ind.
Drubblatt, Martha	SS	Brooklyn
Dresser, Elsie Jane	SS	Hartford, Conn.
Driscoll, Paul Augustus	SS	Ithaca
Driscoll, Raymond Patrick	SS	Ithaca
Driscoll, Susan Elizabeth	SS	Ithaca
Driscoll, Teresa Margaret	SS	Ithaca
Dubon, Carlos Hector	SS	La Plata, Argentina
Dubrowitz, Anna	SSAg	Edgemere
Duff, Anne	SS	Belle Vernon, Pa.
Duff, Ruth	SS	Belle Vernon, Pa.
Duffee, Edward Lewis	SS	Washington, D C.
Duncan, Albert Stanley	SS	Brooklyn
Duncan, Gilbert Wade	SS	Pittsburgh, Pa.
Dunn, Beulah	SS	Crosbyton, Texas
Dunn, Margaret Frances	SS	Minersville, Pa.

Dunn, Marjorie	SSAg	Albany
Durnell, Jessie Elizabeth	SS	Bartlesville, Okla.
Duryea, Leslie Noyes	SS	Auburn
Dwyer, John William	SS	Hartford, Conn.
Dye, Florence	SS	St. Louis, Mo.
Dyer, Lilia	SS	St. Louis, Mo.
Eastman, Harriet Drake	SS	Orange, N. J.
Eaton, Marion	SSAg	Norwich
Eckhardt, Elizabeth Marie	SSAg	New York City
Edmonds, Mary Deborah	SS SSAg	Elizabeth, N. J.
Edwards, Harold Bestwick	SS	Utica
Egbert, William Ernest	SS	Ithaca
Eighmey, Leah Williams	SSAg	Cohoes
Eldred, John Raleigh, B.S.	SS	Kingston, R. I.
Ellen, Annie, B.M.	SS	Rocky Mount, N. C.
Elmore, Earle Phillips	SS	Oneonta
Emerson, James Strohm	SS	New York City
Emerson, Thera, B.S.	SSAg	Ithaca
Emory, Mary Annette, A.B., B.E.	SS SSAg	Washington, D. C.
Enoch, Bertha Nilsson	SSAg	Somerset, Ky.
Enos, Everett Emerson	SS	Gouverneur
Esner, Pauline	SS	Brooklyn
Estabrook, Dorothea Fern	SSAg	Canandea
Ettenberg, Rebecca, B.A.	SSAg	New York City
Etzkowitz, Jennie Grace	Ag	New York City
Evans, Clytee Rebecca, B.S.	SS SSAg	Houston, Miss.
Evans, Mildred Julia	SS	Reading, Pa.
Everett, Oliver Elmore	SSAg	Nichols
Eves, Mrs. J. Emery E.	SS	Millville, Pa.
Ewer, Maidee Schutter	SS	Washington, D. C.
Ewing, Louise Fleming	SS	Greensburg, Ind.
Eyster, Lewis Arthur, A.B., M.S.	Grad	Fishers Ferry, Pa.
Fabianski, Edward Sydney	SS	Buffalo
Fahl, Stella Reed	SS	Reading, Pa.
Failor, Mary Lucile	SS	Coshocton, Ohio
Fairchild, Edith Miriam, M.A.	SS	Mount Vernon
Falconer, Harold Alexander	SS	Chicago, Ill.
Falls, Gertrude Hamilton	SS	Westfield, N. J.
Fanning, Agnes Cecelia	SS	Oswego
Faris, Frederic	SS	Wheeling, W. Va.
Farnham, Edith Anna, A.B.	SS SSAg	West Newton, Mass.
Farnsworth, Hilda Bronson, A.B.	SS	Richford
Farquhar, Marie Blanche	SS	Brooklyn
Farr, Muriel Eldra, A.B.	Grad SS	Cranberry Creek
Farrand, Louise Elizabeth	SS	Holley
Farrell, Beatrice Catherine	SS	Erie, Pa.
Faust, Clarence Charles	SS	Buffalo
Fawcett, Olive	SSAg	Riverside, Conn.
Feitner, Bertha Katherine	SS	Brooklyn
Feldman, Samuel	SS	Brooklyn
Feldmann, Mina Louise	SS	Brooklyn
Fenigston, Barbara	SS	Mount Vernon
Fenigston, Byrtle Phyllis	SS	Mount Vernon
Fenn, Donald Fisher	SSAg	Cambridge, Mass.
Fern, Anne Louise	SSAg	Norwich
Fernald, Evelyn Ida, A.B.	Grad	West Groton, Mass.
Ferrand, Elsie Margaret, A.B.	Grad SS	Gardenville
Ferris, Ida Myldred	SS	King Ferry
Fetterhoff, Flo Jessie	SS	Tyrone, Pa.
Fiebig, Emma, B.A.	SS SSAg	New York City
Fife, Ray, B.S.	Grad SSAg	Columbus, Ohio
Filkins, Elizabeth, B.A.	SS	Newark
Finkelstein, Harold Byron	SS	Wellsboro, Pa.
Finn, Thomas David, jr.	SS	Exeter, N. H.
Fischer, Nellie Pauline	SSAg	Canton
Fischer, Walter, B.S., M.A.	SS SSAg	Canton
Fish, Margaret Arethusa	SS	Ithaca
Fisher, Ada Marguerite, A.B.	SS	Lebanon, Pa.
Fisher, Henry Clayton	SS	Pittsburgh, Pa.
Fisher, John Crocker	SSAg	Ithaca
Fisher, Joseph Laurence	SS	Pelham Manor
Fiske, Caroline Harper	SS SSAg	Washington, D. C.
Fitz, Henry Irving	SS	Pecosic
Flautt, John Solon	SS	Aurora, Mo.
Flaven, Madeline Mary	SSAg	Erie, Pa.
Fleming, John Joseph, jr.	SS	Burlington, Iowa
Fletcher, Charles Henry	SS	Detroit, Mich.
Fletcher, David Owen	SS SSAg	Ithaca
Fleury, Leontine Emile	SS	Staunton, Va.

Flory, Lillie Katherine, B.S.	Grad	Bridgewater, Va.
Flynn, Katherine Marie	SS SSAg	New York City
Foard, Bessie Maud, A.B., M.B.	Grad SS	Baltimore, Md.
Foard, Eleanor Louise	SS	Baltimore, Md.
Fogg, Russell Harding	SS	Toledo, Ohio
Foord, Bertha Carter	SSAg	Cazenovia
Forbes, Fanny Warren	SSAg	Paterson, N. J.
Formel, Eugenie Clarisse	SSAg	Schenectady
Formel, Theodora Marie	SSAg	Saratoga Springs
Forsberg, Hilda Aurora	SS	Bryn Athyn, Pa.
Fowler, Ida May	SS	Copenhagen
Frank, Jacob Lyall Louis	Ag SSAg	Ithaca
Frank, Mary Irene, A.B.	SS	Oil City, Pa.
Franklin, Florence Eudahlia	SS	Bowling Green, Ohio
Franklin, Marie Helen	SS	Bowling Green, Ohio
Franklin, Ruth N.	SSAg	Ithaca
Franz, Paul Justus	SS	Philadelphia, Pa.
Frenaye, William Eagleton, jr.	SS	Coronado, Cal.
French, Ernestine Hayt, A.B.	SS	Elmira
French, Helen Cooper	SS	Syracuse
French, Irene Marjory	SS	Honeoye Falls
French, Luella Whitney, A.B.	SS	Attica
Freund, Arthur, A.B., A.M.	SS	New York City
Freund, Felix, A.B.	SS	New York City
Freund, Herman August	SS	Bananguella, Colombia
Freyberg, Margaret	SS	Goshen, Ind.
Friedman, Eli Maurice, B.A.	Grad SS	Massena
Frisbie, Katharine Kinkendall, A.B.	SSAg	Mountain Lake Park, Md.
Frost, Ethel Doreen, A.B.	SS	Ithaca
Frost, Harry Bell	SS	Wyckoff, N. J.
Fukagawa, Masashichi, B.S.	Grad SS	Philadelphia, Pa.
Fuller, Avery Edward	SS	Holley
Funk, Eleanor Marie	SS	Newark, N. J.
Funk, Katharine Elizabeth	SS	Shippensburg, Pa.
Futterer, Frederick Francis	SSAg	Albany
Gabriel, Harry S., B.S.	Grad	Rock Stream
Gage, Spurgeon	SS	Mount Hermon, Mass.
Gaisa, Aloysius Joseph	Grad SS	Corning
Galliher, Blanche Pauline	SS SSAg	Washington, D. C.
Galler, Emma	SSAg	Brooklyn
Garabedian, Vartan	Ag	New Haven, Conn.
Garber, Stanley Ritter	SS	Bellville, Ohio
Gardner, Adrian Pearl	SS	Evans Mills
Gardner, Annie, A.B.	SSAg	Port Chester
Gardner, Blanche Kirkendall	SSAg	Brockport
Garrett, Henry Harrison	SS	Edgewood, Pa.
Garrison, Frances Irene	SS	Albion
Gately, Lewis Brown	SS	Brooklyn
Gause, A. Leah, B.E.	Ag	Quarryville, Pa.
Gawren, Lillian, A.B.	SSAg	New York City
Gee, James Gilliam, B.S.	Grad	Columbia, S. C.
Geer, Gladys	SS	East Orange, N. J.
Gelbel, Victor Budd	SS	Greenwich, Conn.
Geiger, Martha Elizabeth	SS	Reading, Pa.
Genung, Elizabeth, B.S.A., M.S.A.	SS	Ithaca
George, Eleanor Miller	SSAg	Freeville
Geraghty, Roberta Thew	SS	East Orange, N. J.
Gerbereux, Vincent de Paul	SS	Yonkers
Gere, Josephine Mabel	SS	Brooklyn, Pa.
Gerrish, Stanley Small	SSAg	Portland, Me.
Gershel, George Falk	SS	New York City
Gibb, Eleanor Clements	SSAg	Albany
Gilbert, Elizabeth, A.B.	SS	East Orange, N. J.
Gilfillan, Robert Landon	SS	Memphis, Tenn.
Gillespie, L. May	SS	Buffalo
Gillett, Roy Lewis, B.S.	Grad	Colden
Gillette, Kenneth Gordon	SS	Grahamsville
Gillette, Paul	SS	Ithaca
Gillies, George Matthew	SS	Elizabeth, N. J.
Gillis, Margaret Hobdy, M.A.	SS	Snow Hill, Ala.
Gillis, Merl Conrad, B.S.	Grad	South Bend, Ind.
Gilman, Herbert Lester, D.V.M., M.S.	Grad(P)	Brooklyn
Gilmartin, Loretta	SS SSAg	New York City
Giltner, Ethel Frances, B.S.	SSAg	Ithaca
Ginsberg, Rosalind	SS	New York City
Ginsberg, Edward Hill	SS	New York City
Girard, Peter Fred, jr.	SS	Rochester
Glant, Mary Helen	SS	Bareville, Pa.
Glasser, Sidney Adell	SS	Sayre, Pa.
Glassford, Eva DuBois	SS	Jersey City, N. J.

Glenn, Creda	SS	Bryn Athyn, Pa.
Gnagey, Frank Emerson, A.B.	SS	Ashland, Ohio
Goble, Frank Lester	SSAg	Waverly
Gocher, Alice Mencher, A.B.	SS	Robesonia, Pa.
Goddard, Naomi	SSAg	Hackensack, N. J.
Goldstein, Reita Marion	SS	Brooklyn
Goldstein, Rose	SS	Brooklyn
Goldstein, Tillie	SSAg	Brooklyn
Goldup, Edith Martha	SSAg	Albany
Gonzalez, Pedro	SS	Las Palmas, Spain
Goode, Clement Tyson, A.B., A.M.	Grad(P)	Boiling Springs, N. C.
Goode, Mrs. Clement Tyson	SSAg	Ithaca
Goodelman, Edward	SS	New York City
Goodelman, Simeon, B.S., LL.B.	SS	New York City
Goodfellow, Margaret	SS	Indiana, Pa.
Goodman, Helene Esther	SS	Buffalo
Goodman, Lena Ruth	SSAg	Brooklyn
Gooen, Samuel Hyman	SS	Newark, N. J.
Gorleri, Florentino	SS	Argentina
Gow, Grace Marie, A.B.	Grad SSAg	Kenilworth, N. J.
Graham, Vi Arvin, B.A., M.A.	Grad SS	Richmond, Va.
Grant, Dorothy Harriett	SSAg	North Troy
Grant, Ethel Marie	SS	Trevorton, Pa.
Grasselli, Caesar Augustin, 2d	SS	Cleveland, Ohio
Graves, Carolyn Sara	SS	Walcott
Green, Charles Emmitt	SS	Marion, Ohio
Green, Guy Shepard, A.B.	Grad SS	Suffern
Greenberg, Rose	SS	New York City
Greenfield, Anna Rae, B.A.	Grad SS	Yonkers
Greenleaf, Abbott Hoff	SS	Cayuga
Greenlees, Ada	SSAg	New York City
Greenwood, Ruth	SS	Phillipsburg, N. J.
Gregory, Isabel Morrison	SS	Haverhill, Mass.
Griffith, Ella Porter	SS	Madison, Ind.
Grimes, Earl Jerome, B.S.	Grad	Williamsburg, Va.
Grimm, Jay John, B.S.	Grad(P)	Gainesville, Fla.
Griswold, Demetrius Wilbur	SS	Ithaca
Grooby, Mabelle Mary	SS	Phillipsburg, N. J.
Grossbandler, Helen, A.B.	SS	Brooklyn
Grossman, Henriette Frances	SS	Buffalo
Grote, Caroline Elise, B.S.	Grad SS	Baltimore, Md.
Groves, Anabel	SS	Wilmington, Del.
Gruneck, Sidney Maurice	SS	New York City
Gudmundsen, Anna Christine	SS	Ithaca
Guerin, Agnes Rose	SSAg	Hudson Falls
Guttman, Bertha Gertrude	SS	New York City
Haag, Anna Lillian	SS	Paterson, N. J.
Hacker, Catherine Margaret	SSAg	New York City
Haddon, Esther Mary	SS	Anderson, S. C.
Haddon, Thomas Crawford, B.S.	Grad SS, SSAg	Rock Hill, S. C.
Hadley, Charles Edward	SSAg	Ithaca
Haecker, Julius Henry	SS	Baldwin Harbor
Haehnle, Florence Helena	SS	Bethlehem, Pa.
Haehnle, Frances Dorothy	SSAg	Far Rockaway
Haenes, Charles John	SS	Sayre, Pa.
Hale, Thurber William	SS	Akeley, Pa.
Hall, Agnes Josephine	SSAg	Brooklyn
Hall, Edward Flemmon, jr.	SS	Birmingham, Ala.
Hall, Louis Ribera	SS	San Angelo, Texas
Hall, Theo Faxon	SS	Detroit, Mich.
Hall, William Winston	SS	Carthage, Mo.
Halpin, Bonnie	SSAg	Yonkers
Halstead, Edwin Elisha	SS	Warren, Ohio
Hamilton, Ann Loftus	SS	Norwich, N. J.
Hamilton, Ralph Bergen	SS	Ithaca
Hammond, Arthur Kenley	SS	Ithaca
Hammond, Dorothy Grace	SS	Elmira
Hance, Francis Evaul	SS	Ithaca
Handel, Abraham Joseph	SS	New York City
Handel, Jayne	SS	New York City
Hanf, Frieda Bertha	SSAg	Rochester
Hannigan, John	SS	Forty Fort, Pa.
Hannigan, William	SS	Forty Fort, Pa.
Hanson, Helen Louise	SSAg	Orange, Mass.
Hanson, Idella Lyde	SS	Saskatoon, Canada
Hanson, Leonard Christopher	SS	Veblen, S. Dak.
Hardcastle, Corinne Barnhurst	SS	Philadelphia, Pa.
Hardman, Frank, Mus.B.	SS	Reading, Pa.
Haring, Delos Walker	SS	Buffalo
Harl, Sara	SS	Punxsutawney, Pa.

Harper, Ruth Mae	SSAg	Rochester
Harris, Edna, B.S.	SS	Upper Montclair, N. J.
Harris, Laurie Anne	SS	Hamilton, Ont., Canada
Harris, Pauline, A.B., M.A.	SS	Pontiac, Mich.
Harrison, Bessie Lillian	SS	Brooklyn
Harrison, George Emile, B.Math.	SS	Chile
Hart, Van Breed, B.S.	Grad	McLean
Hartell, Earl George	SSAg	Rochester
Harter, Howard Dudley	SSAg	Morrisville
Hartsuff, Clara Mae	SS	New Castle, Pa.
Harvith, Sophie, B.A.	SSAg	Albany
Harwood, Nina Cornelia	SS	Niagara Falls
Harwood, Reymour Elton	SS	Newfane
Haskins, Marian Hill	SSAg	Saratoga Springs
Hassan, Emin, B.S.	SS	Brooklyn
Hauxwell, Vera Leone	SS	Pontiac, Mich.
Haverly, Hazel	SS	New Albany, Pa.
Hawley, John Blackstock, jr.	SS	Fort Worth, Texas
Hayes, Ella Marsh	SS	Newport News, Va.
Hays, Mabell	SSAg	Ben Franklin, Texas
Hayward, Kenneth Edward Abner	SS	Bridgeport, Conn.
Haywood, John Hooe	SS	Washington, D. C.
Heald, Mrs. Alberta Pourll	SS	Ottumwa, Iowa
Healey, Lolita Evelyn, A.B.	SSAg	Ithaca
Hearn, Emma	SS	New York City
Hearn, William Lingo	SS	Philadelphia, Pa.
Hebbard, Beatrice Irene	SSAg	Brockport
Hebel, Irene Elizabeth	SSAg	Ithaca
Heise, Flora Wilhelmina	SS	Green Bay, Wis.
Heliker, Oviatt Van Rensaleer	SS	Olean
Henokell, Marion Orphy, B.A.	SS	Rochester
Henderson, Frances Willa	SS	Washington, Pa.
Henderson, Karl Isaac	SSAg	Buffalo
Henderson, Maud Wells	SSAg	Castile
Hendrickson, Eva Fredwell	SS SSAg	New York City
Hendryx, Thomas Kennedy	SS	Ithaca
Hengerer, Howard Betts	SS	Dallas, Texas
Henricus, Ralph Charles	SSAg	Southampton
Henry, Bertha Marie	SS	Wyoming, Ohio
Henry, Earle Grady	SS	Dallas, Texas
Henry, Mildred Laura, B.S.	SS	Pittsford
Herbert, Kathryn Gray	SS	Perth Amboy, N. J.
Hernaman, Sarah Leolia	SS	Huntington, W. Va.
Hess, Mary Lucetta, B.L., A.B.	Grad SS	Hellertown, Pa.
Hicks, Samuel Irving	SS	Millbrook
Hieber, Dorothy Barbara, A.B.	SSAg	Utica
Hieber, Evelyn Margaret, A.B.	SSAg	Utica
Hieber, John Theodore	SS	Utica
Highet, Minnie Elizabeth, A.B.	SS	Cobourg, Ont., Canada
Hill, Esther Philena	SSAg	Elmira
Hill, Maggie May	SS	Rocky Mount, N. C.
Hilman, Mary Josephine	SSAg	Binghamton
Hine, Willard Rudolph Bernard, B.S.	Grad	Gloversville
Hinman, Helen Elaine	SSAg	Worcester, Mass.
Hipple, Edna Belle	SSAg	Pottstown, Pa.
Hirschberg, Leon Frederick	SS	Brooklyn
Hirt, Margaret Anna	SS	Kersey, Pa.
Hitchcock, Joshua Dickson	SS	Honolulu, Hawaii
Hobdy, Mary C.	SS	Snow Hill, Ala.
Hock, Anna, B.A.	SSAg	New York City
Hodges, Dorothy Phyllis	SS	Buffalo
Hodgson, Beatrice Dorothy	SSAg	Poughkeepsie
Hoefle, Charles Henry	SS	Ithaca
Hoeg, Gertrude Smith	SSAg	Brooklyn
Hoehn, Alfred Martin	SS	Rome
Hoff, Edwin James	SS	Ithaca
Hoffman, Anna Jeannette	SS	New Cumberland, Pa.
Holcombe, Jean Louise	SS	Towanda, Pa.
Holderman, Anna Louise	SS	Shenandoah, Pa.
Holland, Henry Osgood, jr.	SS SSAg	Buffalo
Holland, Jimmie Mae, A.B.	Grad SS	Amory, Miss.
Hollenbeck, Beatrice Sarah, B.S.	SS	Candor
Hollenbeck, Lillian Lulu	SSAg	Bath
Hollowood, Margaret Delia	SS	Buffalo
Holmes, Clarence Raymond	SS	Buffalo
Holmes, Ralph Alvin	SS	Buffalo
Holt, Laura Louise	SSAg	Ithaca
Holt, William Stull	SS	Brooklyn
Hook, Alonzo Lohr, A.B.	SS Grad	Elon College, N. C.
Hooker, Douglas Lannin	SS	Olean

Hooker, Russell Olin	SS	Watertown
Hooper, Frances Powell, M.A.	SS SSAg	Columbus, Miss.
Hopkins, Sydney Watson	SS	Summit, N. J.
Hopkins, Villa Jeannette	SSAg	Avoca
Horn, Paul Valentine, B.S.	Grad	Baltimore, Md.
Horne, William Henry, jr.	SS	Rocky Mount, N. C.
Horner, Harriet Louise	SS	Angelica
Horton, Harry Davids	SS	Ithaca
Horton, Roxa Augusta	SS	Ballston Spa
Hosburgh, Mary Agnes	SSAg	Saratoga Springs
Hosmer, Helen Margaret	SS	Potsdam
Hotchkiss, Clarence Francis, jr.	SS	Binghamton
Hottois, Elizabeth Mary	SS SSAg	Batavia
Hough, Walker Blaine	SS	Denver, Colo.
Hourigan, James Bradford	SSAg	Albany
Howard, Frances Maria	SS	Ithaca
Howard, John Everett	SS	West Bridgewater, Mass.
Howe, Marion Alice	SS	West Philadelphia, Pa.
Howlett, Lyndon Jesse	SSAg	Morrisville
Hoy, David Fletcher, jr.	SS	Ithaca
Hoye, Mary Beatrice	SS SSAg	Walton
Hoyt, Stephen Charles	SS	Auburn
Hsu, Chenken, B.S.A.	Grad	Soochow, China
Hubbell, Margaret	SS	Garden City
Huff, Fleta Wenona	SSAg	Ithaca
Hugger, Elsie	SSAg	New York City
Hughes, Ruth Cleveland	SSAg	Haddonfield, N. J.
Hughes, Winnie, B.S	SSAg	Chandler, Texas
Hulbert, Judson	SSAg	Owego
Hull, Ethel Merle, A.B.	SS	Kingston
Hultzen, Lee Sisson, A.B.	Grad SS	Norwich
Humphrey, Rufus Richard, A.B.	Grad(P) SS	Thompsonville, Mich.
Hunt, Anna Maria	SSAg	Brooklyn
Hunt, Anna Seely, A.B.	SS	Rochester
Hunt, Beulah Belle	SSAg	Rochester
Hunt, Dorothy Lillian	SS	Bridgeton, N. J.
Hunt, Mabel Mungeam, B.A.	Grad SS	New York City
Hunter, Jane	SS	Philadelphia, Pa.
Huntley, Carrie Belle	SSAg	Indian Orchard, Mass.
Hurlburt, Etha Rose, A.B.	SS	Windsor
Hurst, Florence Brill	SS	Philadelphia, Pa.
Hurt, Lois	SS	Pounding Mill, Va.
Hussein, Shukri	SS	Bourdour, Turkey
Hustler, Albert	SS	Philadelphia, Pa.
Hyde, Edna Bertha, B.S.	SS	Malone
Hyde, Gerrit Smith	SS	Norwich
Hyde, Karl Clayton, A.B.	Grad	Brazil, Ind.
Hyer, Clarence Raymond	SS	Mount Upton
Hyman, Julius	SS	New York City
Idle, Ann Janet	SSAg	Ticonderoga
Iglehart, Alfredda Eloise	SSAg	Baltimore, Md.
Ingraham, Mark Hoyt, B.A.	Grad SS	Brooklyn
Inscho, Dorothy Elizabeth	SSAg	Owego
Irvine, Luella Grace	SS	Etna, Pa.
Ishkhanian, Mardiros Hovhannes	Ag	Hadjin, Armenia
Itzkowitz, Ida	SS	New York City
Jacks, Josephine Elizabeth, A.B.	SS SSAg	Batavia
Jackson, Elizabeth Westfield, A.B.	SS SSAg	Bartville, Pa.
Jackson, Eloise, B.S.	SSAg	Tama, Iowa
Jackson, Jesse Atwater	SS	Savannah, Ga.
Jackson, Minnie Luella	SSAg	Nutley, N. J.
Jacobson, David	SS	Parksville
Jacoby, Anna Laura, A.B.	SS SSAg	York, Pa.
Jacoff, Dorothy	SSAg	New York City
Jacoff, Rae	SSAg	Brooklyn
Jahn, Raymond Frederick	SS	Brooklyn
James, Anna Belle	SS	Arcade
Jarmel, Florence	SS	New York City
Jarrett, Mildred	SS	Fort Loudon, Pa.
Jeffery, George Edward	SS	Washington, D. C.
Jeffries, Rebecca Parsons	SS	Detroit, Mich.
Jenkins, Margaret Mirron	SS	Monongahela, Pa.
Jenks, Anna Gertrude	SS	Ithaca
Jennings, Burton Aaron	Ag	North Pitcher
Jennings, Stephenson	SS	Menominee, Mich.
Jerge, Henry	SSAg	Buffalo
Jerome, Alan Jerome	SS	Toledo, Ohio
Johannsen, Dorothea Elizabeth	SS	Ithaca
Johns, Lillian Elizabeth	SSAg	Pittsburgh, Pa.

Johnson, Albert Mason	SS	Berwick, Pa.
Johnson, Charles Eneu, 2nd	SS	Philadelphia, Pa.
Johnson, Eslanda Thomas	SS	Baltimore, Md.
Johnson, Marian Callow	SSAg	Ithaca
Johnson, Maude Coffran	SSAg	Buffalo
Johnson, Richard Monroe	SS	Berwick, Pa.
Johnson, Ruth Kerr	SS	Dallas, Texas
Johnson, Sarah Louise, A.B.	SS	Laurens
Johnson, Wright	SS	Washington, D. C.
Johnstead, Cora Lee	SSAg	Troy
Jones, Anne Dunbar, A.M.	SS	Newberry, S. C.
Jones, Harriet Mary	SS	Watertown
Jones, Katie	SS	Syracuse
Jones, Lillie Fenner	SS	Bethlehem, Pa.
Jones, Margaret Penfield, B.A.	SSAg	Moravia
Jones, Samuel Columbus, B.S.	Grad SSAg	Pendleton, S. C.
Jones, Wilfrid Leo, LL.B.	SS	Peely, Pa.
Jordan, Anna Gertrude, B.S.	SS	Geneva
Jordan, Ella Peavy	SS	Durham, N. C.
Judson, Helen Sheldon, B.A.	SS	Vernon
Junge, Elise	SS SSAg	Glenview, Ill.
Kabrisky, Rebecca Martha	SS	Brooklyn
Kadushin, Sarah	SSAg	New York City
Kain, John Francis	SSAg	Olean
Kain, Mary Loretta	SS SSAg	Jamestown
Kane, Elisha Kent, A.B., A.M.	SS	Kane, Pa.
Kane, Mrs. Elisha Kent, A.B.	SSAg	Kane, Pa.
Kang, Shih Min	SS	Shanghai, China
Kanowitz, Elsie Olga	SS	New York City
Kanyock, Anna	SS	Northampton, Pa.
Kanyock, Sue Ethel	SSAg	Northampton, Pa.
Karl, Charles Augustine	SS	Carbondale, Pa.
Katz, Laura Lizzy	SSAg	Brooklyn
Katz, Mary	SSAg	New York City
Kaufhold, Arthur William	SS	Scranton, Pa.
Kaufman, Jacob	SS	New York City
Keane, Cecilia May	SSAg	Ithaca
Keating, Katherine Josephine, B.S	SSAg	Cattaraugus
Keefe, Catherine Cecelia	SS	Ithaca
Keenan, Irene Dolores, B.A.	SS SSAg	Brooklyn
Keene, Ruth Helen	SS SSAg	Oneida Castle
Kehr, Elizabeth McNeely	SS	Washington, D. C.
Keith, Wilma, B.A.	SSAg	Memphis, Tenn.
Keitzel, Henry William	SS	Buffalo
Kelley, Cora Agness	SS	Buffalo
Kelley, Hayward Kendall	SS	Cleveland, Ohio
Kelly, Cecilia Clare, B.A.	SS	Brooklyn
Kelly, Thomas A.	SS	Ithaca
Kemp, Emma Louise, B.S	SS	Jersey City, N. J.
Kennedy, Edward Karanagh	SS	Buffalo
Kennedy, Thomas Reed	SS	Pittsburgh, Pa.
Kernan, Blanche Marguerite	SS	Bloomfield, N. J.
Kessler, Ida Audrey	SSAg	Mexico
Kibbe, Alice Lovina, A.B., M.A.	Grad	Bellingham, Wash.
Kiggins, Willard Augustus, jr.	SS	Elizabeth, N. J.
Kimball, Sylvester Dana	SS	New York City
King, Charles Horace	SS	Cleveland, Ohio
King, Chou-son	SS	Ithaca
King, Dana Marvin	SS	Yorkshire
King, John Harold	SS	Cleveland, Ohio
Kingsley, Ruth Seymour	SS	Rome
Kinsley, Evelyn, B.A.	SSAg	Buffalo
Kirstein, Jeanette Helene	SS	Rochester
Kissen, Fanny, B.A.	SSAg	Brooklyn
Kissling, Grace Persis	SS	Winona, Minn.
Kjersted, Clara Amanda	SS	Canton, S. D
Kleibacker, Bessie Edna	SS	Baltimore, Md.
Kline, Arnold Manuel	SS	Hudson
Kline, Estella Keiper	SS	Pennsburg, Pa.
Kline, Nellie	SS	Dallas, Texas
Klinesmith, Edith	SS	Baltimore, Md.
Klinger, Emma Louisa	SS SSAg	Williamstown, Pa.
Kluebert, Katherine Elizabeth	SS	Ithaca
Klugh, Alfred Brooker, M.A.	Grad	Kingston, Ont., Canada
Knapp, Henrietta Dorothy	SS	Albany
Knapp, Lester Stuart	SSAg	Newark Valley
Knapp, Violet Maud, B.A.	SSAg	New Brunswick, Canada
Knight, Ruth Merrill	SS	Woodsford Me.
Knoepfle, Frieda Barbara, A.B.	Grad SS	Ridgway, Pa.
Koch, Alice Catherine	SS	Paterson, N. J.

Koch, Anna Elizabeth	SSAg	Warsaw
Kogut, Helen Eclie	SS SSAg	New York City
Kohm, Raymond Albert	SS	Ithaca
Kohn, Beatrice	SS	New York City
Koller, Emma H.	SS	Detroit, Mich.
Kolodney, Mary	SS	New Britain, Conn.
Koppelman, Naomi	SS	Brooklyn
Kraemer, Frances Alma	SS	Elmer, N. J.
Kraft, George	SS	Wilkes-Barre, Pa.
Kraft, Marie Louise	SSAg	Elmira
Krahe, Herbert	Ag	New York City
Kramer, Ruth Ann, A.B.	SS SSAg	Baltimore, Md.
Krantz, Anna Ruth	SS	Carbondale, Pa.
Kreinheder, Millard Robert	SS	Buffalo
Kreaga, Edna	SS	Ithaca
Kretschman, Edwin Charles	SS	Elmira
Kroll, Stanley Perry	SS	Saginaw, Mich.
Kruger, Leola Josephine	SS	New York City
Kuerschner, Mildred Marguerite	SS	Brooklyn
Kugel, Elsie Juliana, A.B.	SSAg	Erie, Pa.
Kumarak, Satoe	SS	New York City
Kunsman, Mamie Esther	SS	Stone Church, Pa.
Kwei, Ming-Sin	SS	Ithaca
Laborde, Salvador	SS	Havana, Cuba
Ladd, Tallman	SS	Ithaca
Ladd, Walter Garnett	SS	Clarksville, Tenn.
LaGrange, Marion Alice	SS	Vestal
Lakin, Agnes Louise, A.B.	SS	Coatesville, Ind.
Lambert, Mary Louise, A.B.	SS	Baltimore, Md.
Lambert, Paula Claire, B.A.	SS	New York City
LaMonte, Susan Life, A.B.	SS	Owego
Lamoureux, Vincent Branner	SS	Ithaca
Landauer, Hubert Jacob	SS	Medina
Landback, Pearl Evans	SS	Northumberland, Pa.
Landess, William McKenzie, B.S.A.	SS SSAg	Memphis, Tenn.
Landis, Erva Christena	SSAg	Ithaca
Landon, Nadia	SSAg	Angola
Lane, Florence Anna, B.A.	Grad SS	Canajoharie
Lang, Eleanor Elizabeth	SS	Germantown, Pa.
Lang, Elizabeth Helen	SSAg	Richmond Hill
Lang, Esther Elizabeth	SSAg	Ashtabula, Ohio
Langmuir, Ruth, A.B.	SSAg	Hastings-on-Hudson
Langsam, Rose Dea	SS	Brooklyn
Lansdale, Mary Elizabeth	SS	Plainfield, N. J.
Lantry, Alice Frances	SSAg	Kingston
Lantz, Hazel May	SS	Newark, N. J.
Lapham, Max Edward	SS	Burt
Lardner, Gilmore Anthony	SS	Rock Island, Ill.
LaRiew, William Stites	SS	Washington, N. J.
Larrabee, Edna Ruth	SSAg	Rochester
LaRue, William Calfee	Ag	Woodlawn, Va.
Lason, Catherine Ellen	SS	Etna
Lassor, Eva Mary	SS	Bennington, Vt.
Lathrop, Frank Waldo, B.A.	Grad	New London, Conn.
Lathrop, Mary Alinda	Grad SS	Montclair, N. J.
Latta, John Stephens	Grad(P)	College Corner, Ohio
Laubengayer, Clara Lily	SSAg	Schenectady
Launt, Sarah Janett	SSAg	Walton
Law, Mary Cromwell	SS	New York City
Lawrence, Vivian Streeter, jr., B.S.	SS	Churchland, Va.
Laws, Mary Knoche, B.A.	Grad SS	Sayre, Pa.
Lawson, Albert Edward	SS	Germantown, Pa.
Lazenby, Elusina, B.A.	Grad	Circleville, Ohio
Leach, Caroline Elizabeth, B.S.	SSAg	Marcellus
Lease, Mary Ellen	SS	Waterbury, Vt.
Lee, Donald Hall	SS	Delhi
Lee, Roby Estelle	SSAg	Cortland
LeFaivre, Hilda Marie	SS	Clayton
Leffel, Jessie E.	SS	Anderson, Ind.
Lefkowitz, Samuel	SS	Brooklyn
Lehlbach, Emma	SS	Newark, N. J.
Leine, Bertha Anne	SS	Honesdale, Pa.
Leitch, Paul Ward	SS	Wilkinsburg, Pa.
Leonard, Julia Helen	SS	Lockport
Lester, Annie Wiley	SS SSAg	Baltimore, Md.
LeTellier, Louis Shepherd, M.S.	SS	Charleston, S. C.
Levengood, Helen Rhoades	SS	Boyertown, Pa.
Levi, Olma	SS	New York City
Levine, Sara Esther	SSAg	Brooklyn
Levinson, Henriette Vernice	SSAg	New York City

Levy, Anna	SSAg	Brooklyn
Levy, Beatrice	SSAg	Albany
Levy, Frank Bertram	SS	Chicago, Ill.
Levy, Rosalie Babette	SS	New York City
Levy, Sadie Nathan	SS	New York City
Lewis, Anna Delia, A.B.	SS	Painesville, Ohio
Lewis, Isaiah Daniel, B.S.	Grad SSAg	Chapin, S. C.
Lewis, Mary Brittain, A.B.	Grad SS	Tazewell, Va.
Lewis, Myrtle Harriett	SS	Middleport
Lewit, Martha Rachael	SS	Newark, N. J.
L'Hommedieu, Howard Willis	SS	Chicago, Ill.
L'Hommedieu, Kate	SS	Buffalo
Liddell, Anna Forbes, A.B.	Grad SS	Charlotte, N. C.
Lima, Ida Mary Margaret	SS	Nahant, Mass.
Linck, Frances Sophia	SSAg	Constableville
Lindemer, Carl	SS	Trenton, N. J.
Lindsay, Frank, jr.	SS	Portsmouth, Va.
Lindsay, Kenneth Wiggins	SS	Amsterdam
Lindsay, Martha	SS SSAg	Freeland, Pa.
Lindsay, Mary Jane	SS	Newville, Pa.
Lindsey, Howard Willis	SS	Rochelle, Ill.
Lindsley, Luther Campbell, B.A.	Grad(P)	Manassas, Va.
List, Carl Albert	SS	Hoboken, N. J.
Litowitz, Lottie	SS	Brooklyn
Lloyd, Clarence Albert	SS	Oneida
Lobach, Pearl Hannah	SS	Lancaster, Pa.
Loe, Yung Jao	SS	Baltimore, Md.
Loenenberg, Marie Jean	SS	New York City
Logan, Glen Leslie	SS	Portage, Pa.
Lomax, Henry Stanley	SS	Chicago, Ill.
Long, Hazel Genevia, B.M.	SS	Warren, Ohio
Long, Myrtle May	SSAg	Tarentum, Pa.
Longstreet, Florence Edna	SS	Brooklyn
Longstreet, Margaret Laurita	SSAg	Brooklyn
Loos, Florence Marion	SS	Haddonfield, N. J.
Loosen, Otto Joseph	SS	Lockport
Loveland, Ruth, B.A.	SS	Hackensack, N. J.
Lowe, Catherine Caskey, B.A.	SS	Aurora
Lowe, Ruth Elizabeth	Ag	Ithaca
Lowis, Annabel	SSAg	Dayton
Lowis, Edith Hope	SSAg	Dayton
Lowman, Goldie Princess	SS	Auburn, Ind.
Lowman, Gratia Rhoby	SS	Elmira
Lowther, Mildred	SS	Salem, W. Va.
Loyer, Freda Antoinette, A.C.M.	SS	New Washington, Ohio
Lucas, Albert	SS	New York City
Luckey, Helen Regina Ann	SS SSAg	Binghamton
Luffman, Harold Wells	SS	Clyde
Lum, Joe Woon, A.B.	SS	San Francisco, Cal.
Luscher, Ruth Margaret	SS	LeRoy
Lutz, Mary Elizabeth	SSAg	Rochester
Lynch, Frances M.	SS	Baltimore, Md.
Lynch, Mary Kathryn	SSAg	Syracuse
Lynn, Ruth Mabel	SS	Portland, Me.
Lyons, Vivian Rebecca	SS	Belle Vernon, Pa.
McArthur, James Marshall, B.S.	Grad	Stephenville, Texas
MacBean, Donald Grant	SS	Philadelphia, Pa.
McBride, Eleanor Louise	SS	Rochester
McBride, Mary Cecelia	SSAg	Paterson, N. J.
McCantry, John Bernard	SS	Watkins
McCelvey, John Alfred	SS	Temple, Texas
McChesney, Irvin G.	SS	Ontario Center
McClay, Leah Elvira	SS	Appleton
McClung, John Morton, M.S.A.	Grad SSAg	Rockbridge Baths, Va.
McClure, Frederic Luce	SS	Ensley, Ala.
McCollough, Alma Violet	SS	Chicora, Pa.
McCollough, Effie Cordelia	SS	Chicora, Pa.
McConnell, James Asher	SSAg	Ithaca
MacConnell, Lucy Waidler	SSAg	Rhinecliff
McConnell, Sarah Isadore, B.M.	SS	Lincoln, Nebr.
McCoord, Augusta Barbara, A.B.	SS	Pittsford
McCoord, Mabel Helen, A.B.	SS	Pittsford
McCorkle, Paul, B.A.	Grad SS	Ithaca
McCormick, Eleanor, A.B.	SS	Pittsfield, Mass.
McCreery, Elizabeth Esther	SS	Pittsburgh, Pa.
McCullough, Robert Young	SS	West Webster
McDonald, Genevieve Catherine, A.B.	SS	Ogdensburg
MacDonald, Helen Anna	SS	Pottsville, Pa.
McDonald, Mary Lucille	SS	Cincinnati, Ohio
MacDougall, James Campbell	SS	Phoenixville, Pa.

McElhinney, Margaret	SS	Waterville
MacFarlane, Ethel	SSAg	Auburn
McFee, M. C. Coll, B.A., B.S., M.S.	SS	Montreal, P. Q., Canada
McGranahan, Sarah Jeanette	SS	Anderson, Ind.
McGlaughlin, Margaret Bell	SS SSAg	Ingram, Pa.
McGowan, Elizabeth Marie	SS	Brooklyn
MacGregor, Kate Miller, B.S., M.A.	SSAg	Suffern
McHose, Elizabeth	SSAg	Reading, Pa.
McInnes, Raymond	SS	Brooklyn
McIntyre, Chauncey Welcome	SS	Farnham
Mack, Mary Flood	SS	Elmira
McKee, Edward Price	SS	Scranton, Pa.
McKelvey, Margaret Jane	SS	Oil City, Pa.
McKenzie, Alfred Crane	SS	Brooklyn
McKenzie, George Washington, jr.	SS	Brooklyn
Mackenzie, John Wilbur	SS	Providence, R. I.
Mackey, Pearl Carolyn	SSAg	Belvidere, N. J.
McLaughlin, Nathaniel, B.S.	SS	Massena
McLean, True	SS	Staten Island
McLoughlin, Marjorie Taylor	SS	Schenectady
McMahon, Lawrence McEmry, B.S.	SSAg	Utica
McMurry, Linnie Grace	SS	Sturgis, Ky.
MacNaughton, Lewis Winslow	SS	Saugerties
McQuat, Ethel, B.S.	SS	Newark, N. J.
McRitchie, Joan	SS	Utica
McStocker, Francis Blakeley	SS	Honolulu, Hawaii
McTaggart, Alexander, B.S.A.	Grad(P)	Wellington, New Zealand
Magee, Edward Burgess	SS	Buffalo
Mahl, William	SS	Mount Vernon
Mahler, May	SS	Council Bluffs, Iowa
Maisel, Rosetta Florence	SS	New York City
Malby, Elizabeth	SS	Bridgeport, Ohio
Mallery, Doris	SSAg	Saratoga Springs
Mallory, Gerald DeWitt	SS	Deposit
Mallory, Mabel Jane	SS	Altoona, Pa.
Malmud, Rose Susan	Grad SS	Brooklyn
Mandel, Harry	SS	Brooklyn
Mangan, Helen Marie	SS	Trenton, N. J.
Mank, Edith Webster, B.A.	Grad SSAg	Lawrence, Mass.
Mank, Helen Gardner, B.A.	Grad	Lawrence, Mass.
Manson, Grace Evelyn, A.B., A.M.	SS	Baltimore, Md.
Mantle, Thomas Guy, B.S., B.A.	Grad	Adair, Okla.
Manzel, Lawrence Irving	SS	Buffalo
Mapes, Herbert Mortimer, B.S.	SSAg	Union
Mara, Raymond John	SS	Toledo, Ohio
Mark, Bertha	SSAg	Sea Gate
Marsh, Irene Elizabeth	SSAg	Hornell
Marsh, Lewis James	SS	Batavia
Marshall, Howard Blair	SS	Lyons
Martin, Albert Rankin	SS	Chicago, Ill.
Martin, Verey G., B.A.	SSAg	Canton, Miss.
Martinez, Arthur Charles	SS SSAg	Bogota, Colombia, S. A.
Marx, Milton David, A.B.	Grad SS	Highland Park, Mich.
Mason, Sarah Esther	SS	Norwich
Masonheimer, Alfred Merton, jr.	SS	Weatherly, Pa.
Massino, Beulah Marion	SSAg	Saugerties
Masterman, Arthur John	SSAg	Niagara Falls
Mather, Charles Ronald	SS	Montclair, N. J.
Mather, John Card	SS	Pittsburgh, Pa.
Matson, Richard McConnell	SS	Ithaca
Matthiessen, Ira Cornwall	SS	Chicago, Ill.
Mattli, Peter Anthony, B.S.	Grad SS	Uri, Switzerland
Mattoon, James Harris	SS	Pittsfield, Mass.
Mattsson, Etta	SS	Brooklyn
Maucieri, Michael Anthony	SS	Harrison
Maxson, Clark Perdue	SS	Cleveland, Ohio
Mayhew, Nora Lee, B.A.	SS	Granger, Texas
Mayhew, Sara Jane	SS	Bridgeton, N. J.
Meacham, Edna Lillian, A.B.	Grad SS	Carlisle, Pa.
Mead, Dora Ethlyn	SS	Victor
Meany, Katherine Frances, B.A.	SSAg	Brooklyn
Mears, Richard Ord	SS	McElhattan, Pa.
Meathrell, Conza	SS	Berea, W. Va.
Meeds, Gertrude Estelle	SS	Oakmont, Pa.
Meinhold, Louis	SS	New York City
Melchior, William T.	SS	Springtown, Pa.
Meltzner, Pearl	SS	New York City
Menasvetta, Prasiddhi	SS	Bangkok, Siam
Menges, Dorothy Viola	SSAg	Albany
Mera, Jose Rafael	SS	Arecibo, P. R.
Merfeld, Louise Voorhees	SSAg	Brooklyn

Merithew, Kate Lodems, A.B.	SSAg	Newark Valley
Merrell, George, jr.	SS	St. Louis, Mo.
Merriam, Helen Wirt	SS	Washington, D. C.
Merrill, Enid Mary	SS	Boston, Mass.
Merrill, Frederic Brettell, B.S.	Grad	Schoharie
Merriman, Paul Rossiter, A.B.	Grad	Medina
Metzner, Albertine Emilie, B.A., M.S.	SS	Plymouth, Wis.
Meyer, Karen Elisabeth	SS SSAg	Copenhagen, Denmark
Meyers, Annette Roslyn	SS	Detroit, Mich.
Mickle, Mabel Elizabeth	SS	Detroit, Mich.
Miehling, Ruth Bracker	SS	New York City
Mifflin, William Biddle	SS	Clayton
Milks, Vera Estelle	SS	Ithaca
Millard, Faith Hopkins	SS SSAg	Binghamton
Millard, Harriet Adele	SS	Detroit, Mich.
Miller, Abraham Elliot	SS	New York City
Miller, Armonde Velsey	SS	Olean
Miller, Bernetta Adams	SS	New York City
Miller, Bertha Louise	SSAg	Clinton
Miller, Emily Marguaretta	SS	Harrisburg, Pa.
Miller, Ernest Parker	SS	Coxsackie
Miller, Frank Edward, jr.	SS	Rochester, Pa.
Miller, Harold Seiberling	SS	Akron, Ohio
Miller, Henry Francis	SS	Utica
Miller, Kerwin Joseph, jr.	SS	New Kensington, Pa.
Miller, Louise Emeline	SS	Des Moines, Iowa
Miller, Roy Benson	SS	Painted Post
Miller, Sarah Kathleen	SSAg	Oneonta
Milliken, Marguerite Young	SS	Wilmington, Del.
Mills, Harold Strycker, B.S.	Grad	New York City
Mills, Rhea	SS	Waverly
Milmoe, James DeLarg	SS	Canastota
Milmoe, Robert Sandford	SS	Canastota
Miranda, Octacilio	SS	Rio de Janeiro
Mitchell, Bernice Oliphant	SS	St. Joseph, Mo.
Mitchell, Charles Malcolm	SS	New York City
Mitchell, Robert Arthur	SS	Norfolk, Va.
Mitchell, Ruth Virginia	SSAg	Ithaca
Moir, Dorothy Staples	SS	Roanoke, Va.
Monsch, Genevieve, S.B.	SSAg	Chicago, Ill.
Monteverde, Frances	SS	Jersey City, N. J.
Montgomery, Alice M.	SS SSAg	Auburn
Montgomery, Lois Elizabeth, B.A.	Grad SS	Warsaw
Montgomery, Louise Tifft	SSAg	Auburn
Mooney, Carrie Ethel	SS SSAg	Pittsburgh, Pa.
Moore, Annie Lardner	SS	Mooresville, N. C.
Moore, Norman Slawson	SS	Ithaca
Moore, William, A.B.	Grad	Phoenixville, Pa.
Moran, Olive	SS	Bolivar
Morgan, Bertha	SS	Holyoke, Mass.
Morgan, Haydn M.	SS	Venedocia, Ohio
Morrison, Isabel Rebecca	SS	Shenandoah, Pa.
Morrow, Anne Horton, B.S.	SSAg	Ithaca
Morrow, Charles Tracy	SS	Sugar Run, Pa.
Morrow, Olin Archie, A.B.	SSAg	Bath
Mortimer, Florence Craigie	SS SSAg	Washington, D. C.
Mortimer, Lucie Elizabeth	SS	Washington, D. C.
Morton, Caroline, B.S.	SS	Ithaca
Motycka, Joseph	SS	Utica
Mowrey, Carl Francis	SS	Ithaca
Moyer, Anna Elizabeth	SS	Topton, Pa.
Moyle, William Davies	SS	Toronto, Canada
Mros, Martha Anna	SS SSAg	Plymouth, Pa.
Mrozek, Emil Charles	SS	Depew
Muenchinger, Mary Pauline	SS SSAg	Newport, R. I.
Muesebeck, Carl Frederick William	Grad	Brockport
Muldowney, Mary Helena	SSAg	Heckscherville, Pa.
Munro, Stanley Everett	SS	Auburn
Munson, Arthur Louis	Ag	Fowler, Colo.
Murphey, Jessie Aikir	SSAg	Philadelphia, Pa.
Murphy, Helen Elizabeth, B.S.	Grad	Phoenix
Murphy, Kathryn Mary	SSAg	New York City
Murray, Lucile Margaret	SS	Corry, Pa.
Murty, Ruth Evelyn	SSAg	Clinton
Myers, Charles Emory, B.S.	Grad	Hughesville, Pa.
Myers, Marietta Love	SS	Huntingdon, Pa.
Myers, Walter Chapman	SS	Ridgewood, N. J.
Mytinger, Grace Amanda	SS	Chillicothe, Ohio
Nahama, Joseph Jacob	Ag	New York City
Nanzi, Ruth Lydia, B.A.	SS	Brooklyn

Napier, Frances Ermina, A.B.	Grad SS	Montclair, N. J.
Navin, Stephen Joseph	SS	New York City
Nayant, Henri Marie	SS SSAg	Olna, P. Q., Canada
Nazor, Howard Mussett	SS	Ashtabula, Ohio
Neckers, Laura Bernice	SSAg	Clymer
Neill, Ruth	SS	Venice, Ohio
Nelson, Bertha Tyler	SSAg	Brooklyn
Nelson, Forrest Prince, B.S.	SSAg	Ithaca
Nelson, Hazel Warwick, B.A.	SS	Brooklyn
Nelson, Irene Helen	SS	Little Falls
Nelson, John Herbert, A.B.	Grad(P) SS	Spartanburg, S. C.
Nelson, Ruth Ellen	SS	New York City
Nelson, Wallace	SS	Minerva, Ohio
Nesbett, John Gottlieb	SS	Bayside
Neun, John Henry	SS	Rochester
Neville, Willis Cushing	SS	New York City
Newland, Fay Hartmann, A.B., M.A.	SS	New Bedford, Mass.
Newman, Lawrence Weddell	SS	Cleveland, Ohio
Nichols, Helen Colegrove	SS	Buffalo
Nichols, Melvin L.	Grad(P)	Dayton, Ohio
Nichols, Phillips Brooks	SS	Buffalo
Nicholson, Bruce Jesmond	SS	Wilkes-Barre, Pa.
Niedeck, Allien Adell	SS	Ithaca
Niedeck, J. Albert	SS	Ithaca
Niederman, Hermine, B.A.	SS	Elmhurst
Noble, Katherine Pollard, B.A., M.A.	SS SSAg	New York City
Nodine, Edna Hazel	SS	Yonkers
Nolin, Albert Raymond	SS	Auburn
Noll, Charles Franklin, B.S.	Grad	Green Park, Pa.
Norris, Leo Chandler, B.S.	Grad	Hornell
Norton, Dora Laverne, B.Mus.	SS	Syracuse
Norton, Laurence Joseph, B.S.	Grad	Middle Granville
Norwood, Lora Hortense	SS	Ithaca
Noyes, Bradford, jr., B.S.	Grad SS	Charleston, W. Va.
Nurick, Helen Dorothy, B.A.	SSAg	Brooklyn
Oakes, Edith Susan	SS	Greenville Junction, Me.
Obozo, Alfonso Gallardo	SS	Bani, Pangasinan, P. I.
O'Brien, Mary Madelene	SSAg	Lockport
Ochvlein, George Joseph	SS	New York City
O'Connell, Aileen	SS	Ithaca
O'Connor, Katherine Mary	SS	Girard, Ohio
Odle, Katherine	SS	Midlothian, Texas
O'Donnell, Margaret Elizabeth	SSAg	Jamesville
Ogden, John Bennett	SS	Ithaca
Ogden, Seward Jackson	SS	Middletown
Ogilvie, Adele	SS	Richmond, Va.
Ogram, Gussie	SS	Jacksonville, Fla.
Oliphant, Frances	SS SSAg	Montclair, N. J.
Oliphant, Roberta	SS	Montclair, N. J.
Olmstead, Kate Denny	SS	Taylor, Pa.
Olney, Roy, B.S.	Grad	Trumansburg
Oltz, Carle Henry	SS	Auburn
O'Neal, Irma Ruth	SS	Potsdam
Ornstein, Esther	SS	Brooklyn
Ornstein, Rebecca	SS	Brooklyn
Ortman, Pauline Judith, B.A.	SSAg	New York City
Osborne, Herrick	SS	Warrensburg
Osburn, Robert Lee	SS	Ithaca
O'Toole, Ellen	SS	Trenton, N. J.
O'Toole, William J.	SS	Trenton, N. J.
Ottley, Frances Mabel, A.B.	SS	Ithaca
Owens, George Washington, B.S.	Grad SSAg	Petersburg, Va.
Oxmun, Helen Elizabeth	SS SSAg	Auburn
Packard, Dorothy Vivien	SSAg	Albany
Padgett, Mildred, A.B.	SS	Washington, D. C.
Pagano, Oscar	SS	Bahia Blanca, Argentina
Paige, Frederick Fremon	SSAg	Elmira
Painter, George Crawford	SS	Kittanning, Pa.
Palmer, Emma Johnson, B.A.	SS	West Chester, Pa.
Pao Chun Jien	SS	Nantung, Kiangsu, China
Paris, Edwin Lewers	SS	Honolulu, Hawaii
Parke, John Shepard	SS	Elmira
Parke, Rita K. B.	SS	Detroit, Mich.
Parker, Hazel, B.S.	SSAg	Wellsville
Parker, Naomi Bennett	SS	Albion
Parker, Pauline Ross	SS	Binghamton
Parks, Floyd Roswell	SS	Atlantic City, N. J.
Parsons, Brainard North	SSAg	Endicott
Parsons, Guy Charles	SSAg	Endicott

Partridge, Bert James	SS	Richford
Partridge, Edith Geneva	SS	Ithaca
Pascual, Vicente Parungao, A.B.	SS	Arayat, Pampanga, P. I.
Patterson, David Walker	SS	South Bethlehem, Pa.
Pattison, Blanche Le Compte	SS	Washington, D. C.
Payne, Robert Lozier	SS	Brooklyn
Pearson, Esther Foster	SS	Glens Falls
Peck, Bertram Hazen	SS	Port Jervis
Peck, Charles Gifford	SS SSAg	Phelps
Peckham, Alice Martin	SS	Detroit, Mich.
Peel, Henry Lindley	SS	East Orange, N. J.
Pegram, Jean Forsyth	SS	South Orange, N. J.
Pegram, Jessie Merrielees Crawford	SS SSAg	South Orange, N. J.
Pegram, Mercy Robbins	SS SSAg	South Orange, N. J.
Pellow, Frederick Lawrence	SS	Southbridge, Mass.
Pendleton, Amena	SS	Bryn Athyn, Pa.
Pepin, Auguste, B.A., B.S.A.	Grad	Deschoillons, Lotbiniere, Que., Canada
Pepper, Vesta	SS	Presho
Pereyo, Luis Jesus, jr.	SS	Humacao, P. R.
Perez, Stanley Emil	SS	Ithaca
Perez y Diaz, Santiago Victor	SS	Havana, Cuba
Perkins, Charles Stuart	SS	Newark
Perry, Beatrice Thomas	SS SSAg	Edmeston
Perry, Karl Gerhart, A.B., B.S.	SSAg	Union Springs
Persky, Rhea	SSAg	Brooklyn
Persson, Elizabeth	SSAg	Solvay
Petermann, Fernando Barth	SS	Kearsarge, Mich.
Peters, Emily Earle	SS	Downingtown, Pa.
Peterson, Ernest Reinhold	SS	Dover, N. J.
Peterson, Guy Alfred, B.S.	Grad	Cherokee, Iowa
Peterson, Judith Pauline Albertine	SSAg	Jamestown
Phelps, Leon Stanley	SSAg	Gansevoort
Phillips, Eva Elizabeth	SSAg	Naples
Phillips, Harry Ashton, A.B., B.S.	Grad	Warrensburg, Mo.
Phillips, Zenetta Frances	SSAg	Norwood
Pierce, David Henry, B.S.	SS	Elmira
Pierce, Mary Frances	SS	Rutland, Vt.
Pierce, Raymond Leo	SSAg	East Aurora
Pierce, Rent Willis	SSAg	Adams
Pille, Caroline Katharine, B.L.	SS	Ashland, Ohio
Pioso, Robert Lyons	SS	Chicago, Ill.
Pitcher, Joel Ketchum	SS	Freeport
Pittman, Peggy Faye	SS	Fort Worth, Texas
Plane, Mary Margaret	SS	Warren, Pa.
Platt, Austin Blair	SS	Scranton, Pa.
Platt, Emilie Louise, A.B., M.A.	SS	Brooklyn
Plumb, Ella Catherine	SS	Utica
Politoske, Edward John	SS	Fredonia
Pollitt, James Horace	SS	Dresden, Ohio
Pollitzer, Carrie Teller	SS	Charleston, S. C.
Pollitzer, Julia Marie	SSAg	New York City
Pollitzer, Mabel Louise, B.S.	SS SSAg	Charleston, S. C.
Pond, Louise	SSAg	Crown Point
Poole, Ragnhild Christine R.	SS	Ithaca
Poore, Leonard Lee, B.S.	SS	Ithaca
Poorman, Marian Elizabeth, Mus.B.	SS	Reading, Pa.
Pope, Elizabeth Mary	SS	Trenton, N. J.
Poritsky, Hillel, A.B.	Grad SS	Ithaca
Porter, Catherine Lucy, A.B.	SS	Patterson
Porter, Mary Louise	Grad SS	Schenectady
Post, Clarissa Marion	SS	Homestead, Pa.
Potter, Elnora Atwater	SS	Ithaca
Potter, Isabel Mae	SSAg	Newark, N. J.
Potts, John Wright	SS	Brooklyn
Powell, Carol	SS	Fairmont, W. Va.
Powell, Donald Terry	SS	Ovid Center
Powell, Edith Syndon	SS	Cleveland, Ohio
Powell, Esther Hale	SSAg	Norwood
Powers, Alice	SS	Springfield, Mass.
Powers, Anna Elizabeth	SS	North Wilbraham, Mass.
Praimakorn, Mom Chow	SS	Bangkok, Siam
Pratt, Harold Arthur, B.S.	Grad	Shrewsbury, Mass.
Prentice, Marion Hart	SS	Detroit, Mich.
Prentice, Sarah Isabel, B.A.	SS	Batavia
Preper, Louise Alice	SS	Boston, Mass.
Presbrey, Alice	SS SSAg	New York City
Preston, Carl Henry	SS	Ithaca
Preston, Kenneth Frank	SS	Binghamton
Price, Gwendolyn Mary	SSAg	Buffalo
Prince, Amy	SS	New York City
Proux, Mildred Agatha	SS SSAg	Glens Falls

Puffer, Harriet Alice	SS	Utica
Pujol, John B.	SS	Bolondion, Cuba
Purcell, Edmond James	SS	Utica
Putnam, Lilian, B.A.	SS SSAg	Cliftondale, Mass.
Queen, Hallie Elvera, B.S.	Grad SS	Washington, D. C.
Quimson, Mariano	SS	Alaminos, Pangasinan, P. I.
Quinby, George Ellis	SS	Brooklyn
Quinonea, Salvador	SS	Rio Piedras, P. R.
Quirk, Alice Theresa	SSAg	Batavia
Radev, Rachael Scott	SSAg	Binghamton
Radin, Raymond Jeremiah	SS	Hartford, Conn.
Rafferty, Virginia Loretta	SS	Moundsville, W. Va.
Rahu, Marguerite Rosenberger, A.B.	Grad SS	Burlington, N. J.
Raines, Viola	SS	Meridian, Texas
Randolph, Lowell Fitz	Grad	Alfred
Raplee, E. Elizabeth, B.A., M.A.	SSAg	Ithaca
Raplee, Jay Wixson	SS SSAg	Ithaca
Rash, John Carl	SS	Geneva
Ray, Jeannette Patricia	SSAg	New York City
Raymer, Paul Hutcheson	SS	Beaver, Pa.
Raymond, Frances	SS	Philadelphia, Pa.
Rayner, Edward Engelbert	SS	Waverly
Rea, Mildred Irene	SSAg	New York City
Rebert, Homer Franklin, A.B., A.M.	Grad SS	Littlestown, Pa.
Reed, Jane Riehl	SS SSAg	Philadelphia, Pa.
Reese, Charles Elwood	SS	Westfield, N. J.
Reeves, Ruth Misakelly	SS	Millville, N. J.
Regan, Mechtilde Marie	SSAg	Erie, Pa.
Reguera, George	SS	Buenos Aires, Argentina
Reich, Evelyn Valentine	SS	New York City
Reidy, Margaret Mary, A.B.	Grad SSAg	Ithaca
Reilly, George Kenneth	SS	Montclair, N. J.
Reimherr, Laura Margaret	SSAg	Buffalo
Reinert, Grace Pauline	SS	Harrisburg, Pa.
Reinert, Hilda Louise E.	SS	Coplay, Pa.
Reinhard, Warren Daness	SS	Jersey City, N. J.
Reisler, Elizabeth	SSAg	Quakertown, Pa.
Reithel, Myrtle Pinter	SS	Valparaiso, Ind.
Remington, Ezra Potter, B.S.	SSAg	Rochester
Render, Mayme E., Mus.B.	SS	Antwerp
Reyes, Emilio Pangan	SS	Arayat, Pampanga, P. I.
Reyes, Javier Vanga	SSAg	Barceloneta, P. R.
Rhonemus, Jessie Waltermire	SS	Forest, Ohio
Richards, Dorrice Anwyl, B.A.	Grad SS	Ithaca
Richards, Howell Hubert	Grad SS	New Britain, Conn.
Richardson, Eulalie Alberta, A.B.	Grad SS	Rochester
Richardson, L. Walton	SS	Hamilton, Ont., Canada
Riddle, Anna Pearl	SS	Philadelphia, Pa.
Rider, Georgie	SSAg	Ellicottville
Riggle, Kathryn Marie	SS	Williamsport, Pa.
Riley, Elizabeth Jane	SSAg	Elmira
Riley, Robert James	SS	Bellows Falls, Vt.
Rinck, Katie M.	SS	Mahanoy City, Pa.
Riseley, Marietta	SSAg	Cooks Falls
Risher, Francis Washington, B.S.	Grad SSAg	Walterboro, S.C.
Rites, Marion Burhanse	SS	Ithaca
Roberson, Fanny Belle	SS	Robersonville, N. C.
Roberts, Catharine Jarden	SS	Marlton, N. J.
Roberts, Charlotte	SS	Binghamton
Roberts, Marjorie Irene	SSAg	Elmira
Roberts, Thomas	SS	Van Wirt, Ohio
Robertson, Helen Virginia	SS	Montross, Va.
Robinson, Benjamin Wilson	SS	Baltimore, Md.
Robinson, James Reid	Ag SSAg	Springwater
Robinson, Rose	SS SSAg	Albany
Robison, Helen	SS	New York City
Robyn, Ethel	SSAg	Clifton Springs
Roche, Anna Mary	SS	Reading, Pa.
Rockwell, Elias Smith	SS	Berkeley Springs, W. Va.
Rodda, Jose E.	SS	Ramona, Cuba
Roderick, Edward Elias	SS	Plains, Pa.
Rodger, Mabelle L.	SSAg	Moravia
Rodgers, Bertha, B.A.	SS	Washington, D. C.
Rogers, Cecil Blair	SS	Sugar Run, Pa.
Rogers, Edna Mary, A.B.	SS	Hammond
Rogers, Mary Claire	SS	Sugar Run, Pa.
Rogers, Mary Garver	SS	Oxford, Pa.
Rogers, Nellie Belle, B.L	SS	Binghamton
Rohrer, John Jay	SS	Lancaster, Pa.

Rolker, Edna	SS	Baltimore, Md.
Roll, Rose, M.A.	SS SSAg	New York City
Rollins, Mary Florence	SS	Altoona, Pa.
Roos, Selma B.	SS	Scranton, Pa.
Rosen, Hannah	SS	New York City
Rosenberg, Sylvia Sarah	SSAg	New York City
Rosenblum, Charlotte Esther	SSAg	New York City
Rosoff, Rebecca Ruth	SS	New York City
Ross, Ada Bertha	SS	Canon City, Colo.
Ross, George Marcus	SS	Johnson City
Rouse, Helen Elizabeth	SSAg	Geneva
Rowan, Alta Myra	SS	Fort Worth, Texas
Rowan, Sarah Frances, B.S.	Grad SSAg	Denton, Texas
Rowe, Mildred Eunice, A.B.	Grad SS	Concord, N. H.
Rowley, Florence	SSAg	Nyack
Rubel, David Lubin	Ag	New York City
Rubin, Elizabeth Ruth	SS	New York City
Rugh, Margaret Blanche	SS	Saltsburg, Pa.
Rushmore, Dorothea	SS	Hudson
Russell, Dorothy Collins	SS	South Dartmouth, Mass.
Rutland, Jesse Blake, B.S.A.	Grad SSAg	Hamilton, Ala.
Rybicki, Kazimierz Stanislaw	SS	Buffalo
Ryder, Gertrude Cooper, B.Mus.	SS	Carmel
Sackett, Jean Frances	SSAg	Churchville
Safir, Israel Crausse	SS	New York City
Sailer, William A. F.	SS	Dallas, Texas
St. John, Ruth Anita	SSAg	Woodstock
Salabarria, Raul	SS	Havana, Cuba
Salbin, Mary Ann	SSAg	New York City
Salomao, Elias	SS	Sao Paulo, Brazil
Salomon, Marion	SS	New York City
Salsbury, Howard Eugene	SS	Cazenovia
Sammet, Julian Maurice	SS	Albion
San Augustin, Gregorio, D.V.M.	SS SSAg	San Roque, P. I.
Sand, Austin Wertman William, B.S.	Grad	Lockport
Sands, Marion E.	SS	Attica
Sandt, Louise	SS	Portland, Pa.
Sanford, Clara Frances, B.S.	SS	Knox City, Mo.
Santilli, James Alfred	SS	Hazleton, Pa.
Santos, Mario Bastos	SS	Recife, Brazil
Santos, Melecio Manuel	SS	San Mateo, Rizal, P. I.
Savoye, Louis Frank	SS	Westfield, N. J.
Sawamura, Torajiro, M.A.	SS	Nagova, Japan
Saxer, Alphonse Jerome	SS	Cleveland, Ohio
Sayre, Margaret Frances	SS	Hampton, Va.
Schaefer, Florence Bertha	SS	Lancaster
Schaefer, John Jacob Vogt	SS	Rockville Centre
Schaeffer, Anne Dorothy, A.B.	Grad SS	Lancaster, Pa.
Schaeffer, Grace Marguerite, A.B., B.S.	SS	Lancaster, Pa.
Scher, Anna Norma	SSAg	New York City
Schill, Edmund	SS	Newark, N. J.
Schilling, Carl Emerson, B.S.	SSAg	Albany
Schilling, Ralph George	SSAg	Albany
Schively, Donald Roots	SS	Ithaca
Schlein, Julius	SS	Brooklyn
Schlobohm, Otto August,LL.B.,LL.M.,M.P.L.	SS	Yonkers
Schmidt, Daniel, B.S.	Grad SS SSAg	Freevills
Schmidt, Robert Leo	SS	Brooklyn
Schmittmann, Fanny Florence, B.A.	SS	Brooklyn
Schindler, Theresa	Grad	Gloversville
Schoepflin, Frederick Foeller	SS	Buffalo
School, Ione Elizabeth	SS	Tenafly, N. J.
Schurman, Barbara Rose	SS	Ithaca
Schustek, Irving Allan	SS	New York City
Schwaninger, Mary Alice, A.B.	SS	Trappe, Md.
Schwenker, A. Onita	SS	Amsterdam
Schwenker, Charlotte Elizabeth	SS	Brooklyn
Scobey, Lotta Erard	SS	Moravia
Scott, Albert Sidney	Grad SSAg	Five Points, Ala.
Scott, Esther Webb	SSAg	Sandy Springs, Md.
Scoville, Gad Parker, B.S.A.	SS	Ithaca
Scully, Bertha	SS	West Englewood, N. J.
Seabury, Jennie Haff	SS	Hempstead
Seager, Paul Sylvester	SS	Morristown, N. J.
Seale, Frank Bell	SS	Benchley, Texas
Seaman, Almeda	SS	Brooklyn
Secoles, Gladys, B.A.	SS	New York City
Seeley, Edna Irene	SSAg	Elmira
Segal, George Joseph	SS	Philadelphia, Pa.
Seidman, Amelia Dorothy	SS	Brooklyn

Sein, Francisco Cebollero, B.S.	SSAg	Lares, Porto Rico
Sekine, Zenzaburo	SS	Fukushima, Japan
Sellers, Elizabeth	SS	West Chester, Pa.
Sellier, Elizabeth Mortimer	SSAg	Pulteney
Senecal, John Byron	SS	Watertown
Sener, Ruth	SS	Lancaster, Pa.
Senft, Edna Kate, M.E.	SS	Spring Grove, Pa.
Senn, Anna Elisabeth	SS	Philadelphia, Pa.
Senn, Ethel Showaker	SS	Philadelphia, Pa.
Severa, Joaquin	SS	Mayaguez, P. R.
Severn, Orin Ray	SS	Ithaca
Sexton, Lucile D.	SS	Cortland
Seyd, August Frederick	SS	New York City
Seymour, Ruth Webb	SS	Akron, Ohio
Shafer, Leland Twitchell	SS	Brockport
Shanklin, George Robert	SS	Porto Rico
Shanklin, William	SS	Porto Rico
Shapiro, Dora, B.A.	SSAg	Brooklyn
Shapiro, Rose	SSAg	Brooklyn
Sharp, Jean Elizabeth	SS	Bridgeton, N. J.
Sharp, Lee Harrison	SS	South Dayton
Sharpe, Grace Lenore	SSAg	Ithaca
Shaw, Helen Irene	SS	Ithaca
Shay, Helen Elizabeth	SSAg	Clintondale
Shear, Elmer Vanderzee, jr.	Ag	Ravena
Shearer, Harold Milton	SS	Ithaca
Shearer, Howard John	SS	Ithaca
Sheldon, David Leslie	SS	Winsted, Conn.
Shen, Peng Fei, B.S.	SS SSAg	Canton, China
Shepard, John Russell, B.S.	Grad(P)	Lincoln, Nebr.
Sherman, Eleanor Louise, B.S.	SS	Elmira
Sherman, Kenneth Ralph	SS	Sag Harbor
Sherrill, Walter Paul	SS	Temple, Texas
Sherwood, Glenn Orlando	SS	Alpine
Shewalter, Ruth Mae	SS	Miami, Okla.
Shiga, Naozo	SS	Tokyo, Japan
Shipman, William Henry	SS	Millport
Shireman, Hazel Pauline	SS	Martinsville, Ind.
Shisler, Earl Randolph, B.A.	SS	Salem, Ohio
Shoemaker, Jose Rollin	SSAg	Hamburg
Sidway, James	SS	Syracuse
Sieber, William Thomas, A.B., M.A.	SS	McAlisterville, Pa.
Sigmund, Louise Gertrude	SS	Philadelphia, Pa.
Silbert, Frances	SSAg	New York City
Simonson, Wilbur Herbert	Ag	Lynbrook
Sindlinger, Lewis Emerson	SSAg	Ithaca
Skillman, Willis Rowland, B.S.	Grad SSAg	Philadelphia, Pa.
Slagen, John Albert, A.B.	SS	Lancaster, Pa.
Slate, Paul Johnson	SS	Berkshire
Sleicher, Paul	SS	Albany
Slingerland, Virginia, B.S.	SSAg	Fayetteville
Sloan, Lotta Orr	SSAg	New York City
Slocum, Charlotte Ruth	SSAg	Binghamton
Slonaker, Paul Newton	SS	Leechburg, Pa.
Smart, Edythe Marion, B.S.	SS	Brooklyn
Smiley, May Odila	SS	Erie, Pa.
Smit, Bernard	Ag	Cathcart, C. P., South Africa
Smith, Alice Louise	SS	Cornwallville
Smith, Besse Edmonds, B.M.	SS	Bryn Athyn, Pa.
Smith, Dorothy	SS	Ithaca
Smith, Douglas Alfred, A.B.	SS	Rochester
Smith, Elmer Kenneth, B.A.	SSAg	Rochester
Smith, Everdell Gillespie	Ag	Brooklyn
Smith, Ewald John Joseph	SS SSAg	Jersey City, N. J.
Smith, F. Louise, B.A.	SS	Waynesboro, Pa.
Smith, Fred August	SS	Brooklyn
Smith, Grace Hilda	SS SSAg	Ballston Spa
Smith, Irene Charlotte	SS	Yardley, Pa.
Smith, Lewis Garrison, B.S.	SS SSAg	Rochester
Smith, Lillian Josephine	SSAg	Rochester
Smith, Lynn Harwood	SSAg	Elmira
Smith, Marian Bennett	SSAg	Ballston Spa
Smith, Mary Elizabeth, A.B.	Grad SS	Mahanoy City, Pa.
Smith, M. Gertrude	SSAg	Wilson
Smith, Mildred Leoma	SS	Fort Pierce, Fla.
Smith, Olin Whitney, B.S.	SSAg	Ithaca
Smith, Rosabell Gravatt	SS	Philadelphia, Pa.
Smith, R. Wallace, B.S.	SS	Stamford, Conn.
Smith, Verna Lois	SS	Mahanoy City, Pa.
Snedeker, Marion Elizabeth, B.A.	SSAg	Brooklyn
Snitzer, Edna	SS	New York City

Snyder, Bernard Clark	SS	Ithaca
Snyder, Edna Gentry	SS	Ladoga, Ind.
Snyder, Katherine Regina	SS	Brooklyn
Snyder, Maude Augusta, B.S.	SSAg	Elmira
Snyder, Verdie Elizabeth	SS	Salisbury, N. C.
Sobolewski, Edward Charles	SS	Erie, Pa.
Soloway, Fannie	SSAg	Brooklyn
Sonder, Emma Marnetta	SS	Hampton, Va.
Spangberg, Leonard Victor	SS	Tarrytown
Spangberg, Victor Arthur	SS	Tarrytown
Sparks, Norman Robert	SS	New Rochelle
Spaulding, John Sylvester	SS	New York City
Speakman, Willard Allen, jr.	SS	Wilmington, Del.
Speer, Franklin Raub	SS	Washington, D. C.
Spencer, Warren Gordon	SS	Whitney Point
Springer, Gordon Bennett	SSAg	Genoa
Staab, Evelyn Antoinette	Ag	New York City
Stack, Elizabeth Margaret	SS	Grand Island
Stack, Genevieve Veronica	SSAg	Grand Island
Stafford, Ethelbert Withrow, B.S., M.S.	Grad	Agricultural College, Miss.
Stahl, Eric Camp	SS	Toledo, Ohio
Stahl, George Springer	SS	Toledo, Ohio
Stahl, Matthew George, B.S.A.	Grad	Claremont, C. P., South Africa
Stammler, Elsie E.	SS	Brooklyn
Stanley, Carrie Ellen, B.A., M.A.	Grad(P) SS	Corning, Iowa
Stebbins, Edna	SS	Ithaca
Steczynski, Myron Edward	SS	Cambridge Springs, Pa.
Steel, Robert Wenzing	SS	Lansdowne, Pa.
Steele, Ellen Irene	SS	Mississippi, Ont., Canada
Stein, Helen Marion Edna	SS	Rochester
Stell, George Henry	SS	Rochester
Stelwagon, Frederick	SS	Philadelphia, Pa.
Stenson, Sara	SSAg	New York City
Stephenson, F. Ethel	SSAg	Brooklyn
Sterling, Fred Gray	SS	Findley, Ohio
Sternhart, Dorothy Pauline	SSAg	Brooklyn
Stevens, Gertrude Aitken	SS	Union
Stevenson, Alice Miriam, A.B.	SS	Rochester
Stewart, Dorothy LeComte	SS	New York City
Stewart, Galloway Olive Catherine	SS	Grand Rapids, Mich.
Stickley, Margery Lee	SS	Fayetteville
Stiefvater, Anna Marie	SS	Amsterdam
Stillman, Lelia Clarine	SS	Lost Creek, W. Va.
Stilson, Edward, jr.	SS	Cortland
Stisser, Frank Gridley	SS	Cortland
Stockheim, Abraham Julius	Ag	New York City
Stoddard, Helen Alycene	SS	Pueblo, Colo.
Stone, Albert James, jr.	SS	Englewood, N. J.
Stone, Florence Mary	SS	Fort Worth, Texas
Stone, Jane	SSAg	Syracuse
Stone, Maysie	SS	Rochester
Stonham, Leona Florence	SSAg	Belmont
Stout, Lena Marion	SS	Ithaca
Strang, Isabel Whitcomb	SS	New York City
Stratton, Wilbur Ervin	SS	Springfield, Ohio
Strauber, Annette Henria	SSAg	Brooklyn
Strawway, Ethel Floyazelle	SSAg	Dundee
Strickland, Margaret Winters	SS	Graham, Va.
Strumer, Rose	SSAg	New York City
Stuart, Lyman Knight	SS	Newark
Stubenrauch, Walter Herman	SS SSAg	West New York, N. J.
Stuber, Benjamin Franklin	SS	Akron, Ohio
Su, Lo Chen, B.S.	SS	Fukien, China
Suarez y de la Portilla, Dionisio F.	SS	Havana, Cuba
Suiter, Vaughn Douglas	SS	Shamokin, Pa.
Suitt, Jessie Belle	SS SSAg	Baltimore, Md.
Sullivan, Bertha Elizabeth	SS	Ithaca
Sullivan, Mary Catharine	SS	Bondsville, Mass.
Sullivan, Michael Gerald	SS	Rochester
Sundstrom, Charles Alfred, jr.	SS	Middletown
Sutherland, Jean Stewart	SS	Hamilton, Ont., Canada
Sutherland, William Wilkins	SS	St. Louis, Mo.
Swann, Lellie Kate	SS	Dallas, Texas
Swanson, Sigurd Benedict	SS	Bridgeport, Conn.
Swartwood, Esther R.	SS	Factoryville, Pa.
Sweeney, Katherine Mary	SS	Ballston Spa
Swirbul, Leon	SS	Ithaca
Switzer, Florence Davis	SS	Covington, Va.
Synnestvedt, Elsa Anna	SS	Bryn Athyn, Pa.

Tabor, Edward Stanton	SS	[illegible]
Tack, Jessie Mae	SS	Palmyra
Tafel, Martha Ellen	SS	Columbia, Pa.
Takaki, Sadaji, A.B.	SS	Osaka, Japan
Tallman, Nellie Grace	SS	Mount Morris
Tan, Shao Fan	SS	Tangshan, China
Tang, Cheng Long	SS	Hupeh, China
Tang, Yung Tung, B.A.	SS	Peking, China
Tanis, Elizabeth Emma	SS	Paterson, N. J.
Tao, Kung Heng	SS	Shanghai, China
Tarris, Venia Laota	Ag	Ithaca
Tatem, Alice Frazer	SS	Collingswood, N. J.
Tatum, Jewell Myrthe	SSAg	DeLand, Fla.
Taylor, Frances Willard	SS	Rochester
Taylor, Franklin	SS	Wilmington, Del.
Taylor, Grace Evelyn	SS SSAg	Syracuse
Taylor, Mary Rila	SS	Washington, D. C.
Teeter, Lulu Teresa	SS	Newark, N. J.
Tepperman, Frances Edna, B.A.	SSAg	Brooklyn
Terrace, Florence	SSAg	New York City
Terrell, Olivia Billings	SS	Riverhead
Terry, Whitelaw Todd	SS	St. Louis, Mo.
Texidor, Antonio	SS	Tuayama, Porto Rico
Thalman, Wellington Albert, A.B.	Grad SS	Iowa Falls, Iowa
Thawley, Caroline Smith	SS	Denton, Md.
Then, John William	SS	Ithaca
Thomas, Anna	SS	Oil City, Pa.
Thomas, Helen Stillwell, B.A., M.A.	SSAg	Allston, Mass.
Thomas, Lewis Godfrey	SS	New York City
Thomas, Marjorie Anna	SS	Summit, N. J.
Thomas, Robert White, A.B.	SS	Rochester
Thompson, Frederick Howe	SS	Trumansburg
Thompson, Hildred Marise	SS	Erie, Pa.
Thompson, Robert William	SS	Corona
Thoms, Joseph Chak	SS	Brooklyn
Thornhill, Sewell Edwards	SS	Sayville
Thorpe, Leah Viola	SS	Ithaca
Thrall, William North	SS	West Rutland, Vt.
Thurston, Mather Frances	SSAg	Milton, Del.
Tice, Marie Kathryn	SS	Johnstown, Pa.
Tielke, Maxwell Hansing	SS	Cleveland, Ohio
Tiffany, Ruth Winureeta, A.B.	Grad SS	Huntingdon, Pa.
Timbes, Gladys Haldeen	SS	Mobile, Ala.
Timlin, Constance Josephine	SS	Concord, N. H.
Tinio y Quijano, Mariano, A.B.	SS	Cabanatuan, Nueva Ecija, P. I.
Titchener, Frances Haliburton	SS	Ithaca
Titchener, John Bradford, A.B.	SS	Ithaca
Tobey, Katherine Alice	SSAg	Ithaca
Tong, Chia Choung	SS	Tientsin, China
Tonkin, Maurice Bradley	SS	Washington, D. C.
Tooke, Harriet Amy, B.M.	SS	Solvay
Torkelson, Eilet Martin	SS	Sioux Rapids, Iowa
Tourtelot, Mrs. G. E.	SS	Cherryvale
Towne, Beatrice Emma	SSAg	Chadwicks
Townsend, Theodore Horton, B.S.	Grad SSAg	Morrisville
Townsend, Walter Barton	SS	Elmira
Toyokawa, Ryo	SS	Tokyo, Japan
Trani, Frank Joseph	SS	Brooklyn
Trau, Frank Garland	SS	Waco, Texas
Treeble, Helen Marjorie	SS	Mehoopany. Pa.
Tremaine, Charles Alexander	SS	Bradford, Pa.
Treselman, Dorothy	SSAg	St. Louis, Mo.
Trethaway, William, jr.	SS	Wilkes-Barre, Pa.
Troeck, Martha Dorothy	SS	Brooklyn
Trousdale, Theodore McKee	SS	Ithaca
Tucker, William Bennett, B.S.	SS	Centreville, Md.
Tuckey, Ruth Elizabeth	SSAg	Washington, D. C.
Tumpson, Martha	SS	New York City
Tung, Shih, M.A.	SS	Ithaca
Tuppen, Charles Donald	SS	Syracuse
Tupper, Lelia Evelyn, B.A.	SS	Post Mills, Vt.
Turechek, Edward Matthew	SS	Marion, Ind.
Turnbull, Jean Campbell	SSAg	Willard
Turner, Ella M., A.B., M.A.	SS	Shepardstown, W. Va.
Turner, Helen May	SS	Kingston
Turner, James Arthur	Grad	Atlanta, Ga.
Turner, Jimmie LeMerle	SSAg	Baltimore, Md.
Turner, Llewellyn Vayle	Ag	Schoharie
Turner, Max	SS	Brooklyn
Turner, Thomas Wyatt, A.B., A.M.	Grad	Washington, D. C.
Turpin, Marie Madeline	SS	Boston, Mass.

Tuttle, Austin	SS	Brooklyn
Tuttle, Ethel Louise	SSAg	Warsaw
Tyler, S. Augusta	SS	Naples
Tyson, Harold Canfield	SS	Unadilla
Ullman, Ruth Elizabeth	SS SSAg	New York City
Underwood, Harry Charles	SS	Buffalo
Upright, Maud Livingston	SSAg	Highland
Usher, Emily Silsby,	SS Ag	Seneca Falls
Ushioda, Seikichi	SS	Tokyo, Japan
Van DeMark, N. Marie	SS	Lockport
Van Diezer, Katharine Elizabeth	SS	Elmira
Van Horn, Hallie Florine	SS	Salem, W. Va.
Van Volkenberg, Horatio Luther	Grad	Springville
Van Wyck, Prescot	SS	Summit, N. J.
Van Zandt, Fanny Brice	SS	Ithaca
Vason, James Babcock	SS	Boston, Mass.
Vedder, Lansing S.	SSAg	Schenectady
Velsey, Raymond DeWitt	SS	Grantwood, N. J.
Vernon, Dorothy	SS	Ellenville
Viano, Eugane John	SS	Lexington, Mass.
Vinson, Carl George, B.S.	Grad	Carrollton, Mo.
Vogel, Anna Marie	SS	New York City
Volpe, Innocent James	SS	Newark, N. J.
Von Oehsen, William Henry	SS	New York City
Vories, Faye	Ag	New York City
Vosburgh, Frederic Leon	SS	Auburn
Vostry, Helen	SSAg	New York City
Wadsworth, Frank, jr.	SS	Newark, N. J.
Wadsworth, Leora Ann	SSAg	Olcott
Waghorn, Gladys Agnes	SS	Brooklyn
Wakeman, Seth, A.B., A.M.	Grad(P)	Batavia
Waldron, Mary Elizabeth	SS	St. Louis, Mo.
Wales, Elizabeth Adams	SS	Troy
Walker, Charles Summer	SSAg	Albany
Walker, Cornelia Smalley	SS	Buffalo
Walker, Grace Allen	SS	Washington, D. C.
Walker, Norma Christine	SSAg	Silver Creek
Walker, Portia, A.B.	SSAg	Buffalo
Walker, William Jeston	SS	Palmer
Wall, James Joseph, jr.	SS	Duluth, Minn.
Wallace, Bertha Edna	SS	Middletown
Wallach, Charlotte	SS	New York City
Wallach, Saide	SS	New York City
Waller, Dorothy Marion	SS	Corry, Pa.
Waller, Harry Bryan	Ag	Verona, Ky.
Walls, Bradley Dorr	SS	Buffalo
Walter, Richard Wiley	SS	Brooklyn
Warburton, Clark Abram	SS	Odessa
Ward, Mary Henrietta	SS	Yonkers
Warden, Ida Elizabeth	SS	Harrisburg, Pa.
Wardwell, Jerome Kenneth	SS	Union Springs
Ware, Jacob Osborn, B.S., M.S.	Grad	Kings Mountain, N. C.
Warne, Cecelia Jeanette, A.B.	SS	Ithaca
Warner, Margaret Childs	SS	Syracuse
Warshow, Irving Henry	SS	Brooklyn
Washburn, Hubert DeVere	SSAg	Lorraine
Washburn, Laura Adell	SS	Rensselaer Falls
Waters, Annie Elizabeth	SS	Oneonta
Waters, Murray Goldsborough	SS	Baltimore, Md.
Waters, Suzanne Beatrice	SS	Washington, D. C.
Watkins, Leslie Moore	SS	Ithaca
Watkins, Oliver Morton	SS	Newark Valley
Watson, William Edward	SS	Toledo, Ohio
Watson, William Law	SS	Pittston, Pa.
Watt, Anne Lamb	SS	Hamburg, N. J.
Watterson, Sara La Berta	SS	West Grove, Pa.
Way, Myra Townsend	SS Ag	Ocean View, N. J.
Weber, Arthur August	SS	Mt. Clemens, Mich.
Wehrle, Lawrence Paul	Grad	Scranton, Kans.
Weibel, Martha Elizabeth	SS SSAg	Pittsburgh, Pa.
Weidman, Florence Elizabeth	SS	Camden, N. J.
Weierheiser, Ruth Virginia	SS SSAg	Buffalo
Weil, Edward Sidney	SS	Chicago, Ill.
Weil, Frances Marjorie	SS	New York City
Weinstein, Rose	SS	New York City
Weinstein, Vita	SS	New York City
Wellenkamp, Belle Gardner	SS	Hammondsport
Wells, Helen Marie	SSAg	Brooklyn

Wells, Nan	SS SSAg	Brooklyn
Wells, Vera Justice	SS	East Orange, N. J.
Welsh, Joseph James	SS	Tompkinsville
Wenberg, Amelia Albertina	SSAg	Springfield
Wendnagel, Charles Eugene	SS	Chicago, Ill.
Wentzell, Lavenia Steelman	SSAg	Elmer, N. J.
Werbelowsky, Isidor	SS	Brooklyn
Werbelowsky, Jean Dorothy	SS	Brooklyn
Werbelowsky, Mildred	SS	Brooklyn
Werly, Berlyn McIntyre	SS	Ithaca
Wescoat, Vera Myrtle	SS	Philadelphia, Pa.
Wescott, Everett Urgan	SS	Ithaca
Wesler, Amos George	SS	Batesville, Ind.
Wessells, Emily Margaretta	SS	Elizabeth, N. J.
West, Arthur Matthew	SS	Rhinebeck
West, Elliott Mitchell	SS	Hartsdale
West, Luther Shirley	Ag	Owego
Westervelt, Louise Ruth	SS SSAg	Auburn, Me.
Westervelt, Ralph Henry	SS	Ithaca
Wetz, Homer Francis	SS	Trumansburg
Wheatley, Emma	SS	Cleveland, Ohio
Wheatley, Laura Amelia	SS	Cleveland, Ohio
Wheeler, Lawrence A.	SSAg	Candor
Whipple, Isabel Carolyn, A.B.	Grad SS	Brooklyn
Whitbeck, Florence, B.A.	SS SSAg	Madison, Wis.
White, Alice Mildred, A.B.	SSAg	East Aurora
White, Marion Langworthy, A.B.	SS	Ithaca
White, Robert Wesley	SS SSAg	Brady, Texas
White, Viola Chittenden, B.A.	SS	Brooklyn
Whitehill, Ella Catheryne	SS	North East, Pa.
Whitlatch, Ruby Orma	SS SSAg	Verona, Pa.
Whitner, Harriet Mildred, A.B., M.A.	Grad(P) SS	Burr Oak, Mich.
Whitney, Charles Seward, jr.	SS	Adrian, Mich.
Whitney, Erwin Baker	SSAg	Whitney Point
Whitney, Flossie Emeline	SS	Defiance, Ohio
Whittaker, Alice Edna	SS	Atlantic City, N. J.
Whittemore, Theresa Hope	SS	Portland, Me.
Whitzell, Margaret Evelyn	SS	Washington, D. C.
Wickersham, Etta Jefferis, A.B.	SS	Pottstown, Pa.
Wiegand, Philip Henry	SS	Milwaukee, Wis.
Wigley, Doris Aldrich	SS	Luzerne
Wilby, Marie Helena	SS	Little Silver, N. J.
Wilcox, Alice Wilson, B.A., M.A.	SS	New York City
Wilde, Sylvia	SSAg	Brooklyn
Wilk, Charlotte	SS	Erie, Pa.
Wilkinson, Henry Bernard	SS	Bailey's Bay, Bermuda
Wilkinson, Lucille Warfield	SSAg	Washington, D. C.
Willcox, Tina May	SSAg	Smithville Flats
Williams, Abraham Jose	SS	Albany
Williams, Anne Mae	SS	New Castle, Pa.
Williams, Arthur Perry, B.A., B.S.	SSAg	Burnt Hills
Williams, Ethel May	Grad SS	Ithaca
Williams, Ida May, A.B.	SS	Syosset
Williams, Marguerite Carol	SS	Ithaca
Williams, Otis Parker	SS	Norwalk, Ohio
Williams, Ruth Gladys, B.A.	Grad	LaVerne, Cal.
Williamson, Frederick Voorhees	SS	Brooklyn
Williamson, Viola Baxter	SS	Glassboro, N. J.
Willis, Bethel Gertrude	SSAg	Angelica
Willis, Geraldine Margaret, A.B., M.A.	SSAg	Ithaca
Willoughby, Wesley Fuller	SS	Catasauqua, Pa.
Wilson, Bessie Davis, A.B., M.A.	SS	New York City
Wilson, Edward	SS	Pittsburgh, Pa.
Wilson, Edwena	SS	DeLand, Fla.
Wilson, Eula Marie	SS	DeLand, Fla.
Wilson, Marjorie	SS	Bethlehem, Pa.
Wilson, Mildred Fay	SS	Ithaca
Wilson, Verna May	SS	Bordentown, N. J.
Wilt, Esther Wellman	SSAg	Towanda, Pa.
Wimpie, Mina Marcia	SS	New York City
Winch, Gerald Paul	SS	Moriah
Winchester, Milo Follett	Ag	Wassaic
Winchet, Gladys Geraldine	SS	Dayton, Ohio
Windnagel, Dewey Fenton	SS	Penn Yan
Wingertzahn, Laura Louise	SS	Dunkirk
Wingfield, Martha Sanderson	SS	Lynchburg, Va.
Winslow, Ralph Golder, A.B.	SS	Antrim, N. H.
Winters, Edith Marguerite	SS	Reading, Pa.
Winters, William Englehardt	SSAg	Batavia
Winsitler, Lily Berlin	SS	Mount Vernon
Witherspoon, Maude Irene	SS	Portage, Pa.

Wittlief, Bertha Gertrude	SS	Buffalo
Witton, Rosalind Cameron	SS	Hamilton, Canada
Wocker, Reginald Frederick	SS	Yonkers
Woerner, Wilhelmina	SS	Lancaster, Pa.
Wolfe, Erdie Rosanna	SS SSAg	Akron, Ohio
Wolff, Armand Thompson	SS	Waterbury, Conn.
Wolff, Irving, B.S.	Grad SS	New York City
Wolfrom, Carlos Eugene	SS SSAg	Spencerport
Wolfson, Alfred Mortimer	Ag	Jersey City, N. J.
Wood, Gertrude Anna	SS	Middletown
Wood, Mary Louise	SS	Washington, D. C.
Wood, Paul Orlady	Ag	Brooklyn
Wood, Sanford Ballard Dole	SS	Honolulu, Hawaii
Woodall, Olive, A.B.	SSAg	New York City
Woodcock, Ethelinda Irene	SS	Niles, Ohio
Woodcock, Fletcher Howard	SS	Spencer, Iowa
Woodelton, Mary Ruth, A.B.	SS	Melrose Park, Pa.
Woodworth, Florence	SS	Gasport
Woolsey, Harriet Louise, B.S.	SSAg	Utica
Work, Eunice, A.M.	SS	Tarkio, Mo.
Workman, Roy Hiram	SS	Lititz, Pa.
Works, Helen Clarasia	SS SSAg	Ithaca
Worman, Elizabeth Dorothy	SS	New York City
Worrell, William Carter	SS	Lansdowne, Pa.
Wray, Bessie	SS	Boston, Mass.
Wright, Ehrick Hanford	SS	Ithaca
Wright, Ethel Amelia	SSAg	Rochester
Wright, Isabelle Cochrane	SS	Philadelphia, Pa.
Wright, Jennie Ruth	SS	Akron, Ohio
Wright, Mattie Ellen, A.B.	SS	Uniontown, Pa.
Wright, Pauline Troup	SS	New Cumberland, Pa.
Wu, Hsin Ping, B.S.	SS	Kiangyin, China
Wurzburger, George Gottfried	Ag	New York City
Wyckoff, Annolee Gertrude	SSAg	Baltimore, Md.
Wyckoff, Norman Ross	SS	Pittsburgh, Pa.
Wycoff, Edward Mason	SS	Hightstown, N. J.
Yamada, Matsutaro, B.A.	SS	Ithaca
Yang, Shao Tseng	SS	Shanghai, China
Yates, Jennie Elizabeth	SS SSAg	Meadville, Pa.
Yockel, Mathilda Agnes	SS	New York City
Yoffa, Annie	SS	Brunswick, Victoria, Australia
Yost, Myrtle Estelle	SS	Washington, D. C.
Young, Alta Marea	SS SSAg	Fredonia
Young, Ernest Charles, B.S.	Grad	Grove City, Pa.
Young, Harold Newell, B.S.	SSAg	Boonville
Young, Harold Runyon	SS	Bloomfield, N. J.
Young, Harry Pestana, B.S.	Grad	Tunkhannock, Pa.
Young, Paul Rexford, B.S.	Grad	Ithaca
Young, Ruth Arnott, A.B.	SS	Buffalo
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Ackerman, Leo Ray.....Jasper
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Bennett, Lester Jay.....Utica
Biggs, Richard James, jr.....Baltimore, Md.
Bissell, Elizabeth Margaret.....Franklinville
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Bloch, Ida.....Patterson
Blood, Lisle Maltby.....Barker
Boda, Harvey Frederick.....Ithaca
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Brackett, Robert McBurney.....Fulton
Bradley, Everett Powell.....Mount Holly, N. J.
Breese, Helen.....Elmira
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Brotsman, Harry Miller.....Roscoe
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Brown, Grace Dickinson.....Ithaca
Brown, Kathleen.....Springfield, Mass.
Brown, Wesley.....Schenectady
Bryan, Margaret Cloran.....Rochester
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Buhrmaster, Ezra John.....Scotia
Burchards, Theodore Robert.....Flushing
Burnett, Clinton Blackstone.....Orchard Park

Cadoo, Charles Joseph.....Freeville
Cady, Earl Osgood.....Adams Center
Carney, Edward Joseph.....Buffalo
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Carrere, Henri Valente.....Summit, N. J.
Carse, David.....New York City
Cary, Eugene Willard.....Pleasant Valley
Catrow, Robert Franklin.....Germantown, Ohio
Cave, Daniel Joseph.....Sharon, Pa.
Champlin, Francis Malburn.....Hammondsport
Chapman, Josiah Victor.....Burt
Charles, Ira.....Akron
Christensen, Olief Axel.....Copenhagen, Denmark
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Graham, William Alexander.....Crabtree, N. C.
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Green, Albert Joseph.....Bullville

Hall, Ina Rozetta.....Lockport
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Hanrahan, John James.....Hudson Falls
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Harris, Ross Morse.....Moravia
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Hatch, Forrest Warren.....Auburn, Me.
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Hayes, Elizabeth.....Canandaigua
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Henry, Verna.....Sanborn
Hernandez, Luis Andre.....Havana, Cuba
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Hoffman, Jakob.....Bronxville

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Holmes, Russell Ditmars.....Newfield
Holstein, Erik Frederick Adolph Joachim
Rude, Denmark
Hopkins, Alfred Huson.....Trumansburg
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Howland, Archie Ellsworth.....Ludlowville
Hurd, Leland Cady.....Holley

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Montondo, Clifford Dexter.....Oswego
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Pratt, Carlton Lester.....Marion
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Pulver, Dewitt K.....Pine Plains

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Rosenberg, LaSalle.....Spring Glen
Roy, Milton Albert.....Horseheads
Roykouff, Otto George.....Buffalo
Rumsey, Harvey Leonard.....Newfield

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Schmelling, Harold Daniel.....Syracuse
Schmitt, Cornelius John.....Rochester
Schultz, Samuel Leonard.....Prattsville
Schwartz, Morris.....Monticello
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Smith, Jared Aubrey.....Interlaken
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Stanton, James Rodney.....Cohocton
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Van Patten, Earle Fuller ..... Wolcott
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Vogt, Gerald Jacob ..... Cohocton
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Wells, Dorothy Ellen ..... Scituate, Mass.
Wesch, Ernst Carl ..... Brooklyn
Westfall, Arthur Dewey ..... Jefferson
Westfall, John Gunderman ..... Elmira
Weston, Minnie Louise ..... Ithaca
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Wilson, Charles McKinley ..... Wheaton, Ill.
Wilson, John Andrew ..... Johnsonville
Witty, Raymond John ..... Spencerport
Wolfe, Howard Albert ..... Gainesville
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Wood, Milton Alfred ..... Whitesboro
Woodward, Nellie Gibbs ..... Atlanta
Woolschlager, Fredolin Jacob ..... Lowville
Worthington, Gertrude Wood ..... Stafford
Woycik, Matthew Albert ..... New York City
Wright, George Malcolm ..... Smith's Basin
Wright, Jerome Emory ..... Cambridge
Wright, Mary Fisher ..... Philadelphia, Pa.

Yashin, Paul Yakowlewich ..... Ithaca
Youmans, Earl Oscar ..... Horseheads

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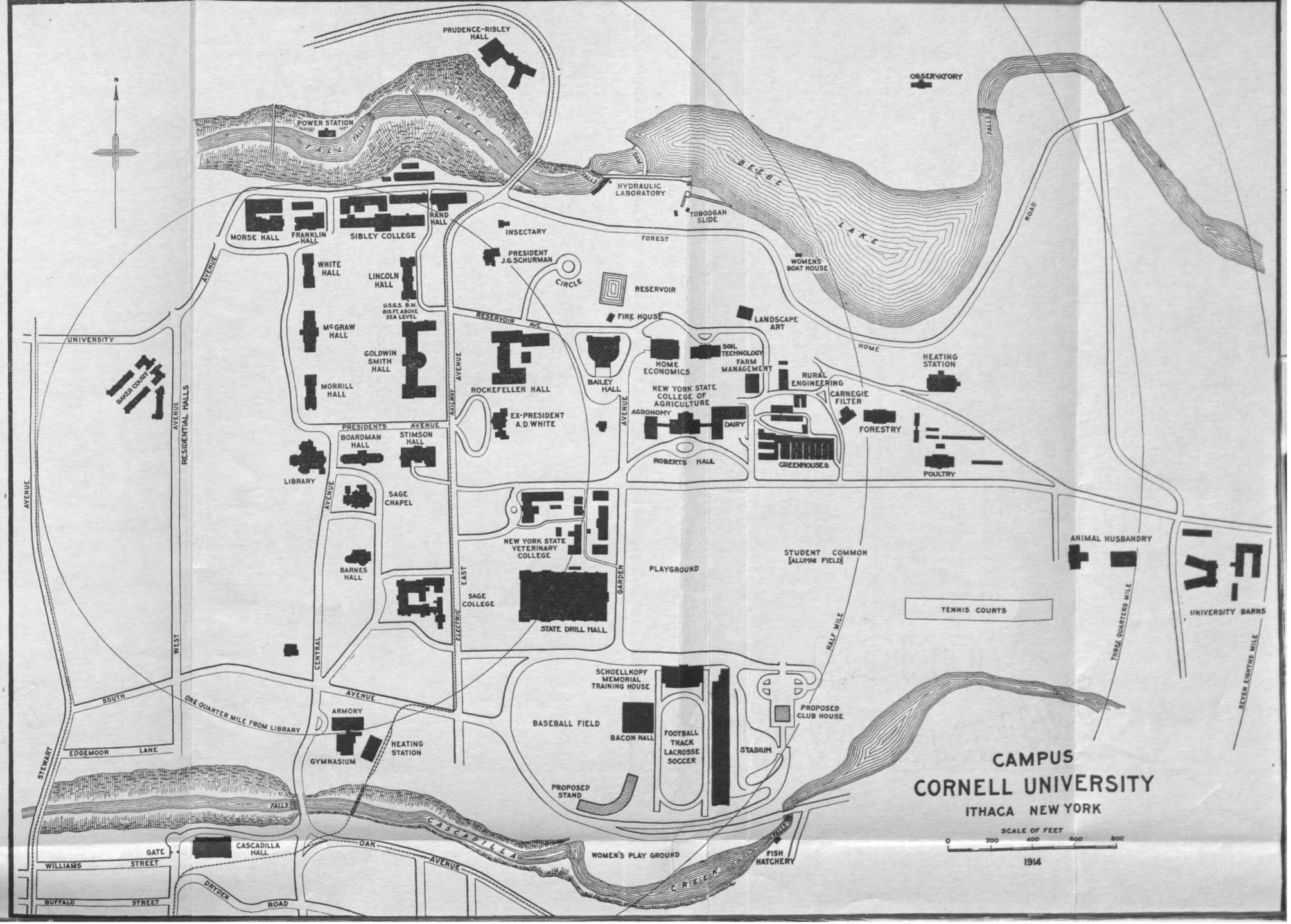
KEY TO THE UNIVERSITY BUILDINGS

whose names are not indicative of the purposes to which they are devoted.

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BARNES HALL—Cornell University Christian Association.
BOARDMAN HALL—The College of Law.
CASCADILLA HALL—Dormitory for Men.
FRANKLIN HALL—Department of Electrical Engineering.
GOLDWIN SMITH HALL—Departments of Languages, Philosophy, History, Economics, etc.
LINCOLN HALL—College of Civil Engineering.
MCGRAW HALL—Departments of Geology and Zoology.
MORRILL HALL—Administration Offices; Psychological Laboratory
MORSE HALL—Department of Chemistry.
PRUDENCE RISLEY HALL—Dormitory for Women.
RAND HALL—Sibley College, Shops.
ROBERTS HALL—Main Building of the College of Agriculture.
ROCKEFELLER HALL—Department of Physics.
SAGE COLLEGE—Dormitory for Women.
SIBLEY COLLEGE—College of Mechanical Engineering.
STIMSON HALL—Ithaca Division of the Medical College.
WHITE HALL—College of Architecture. Department of Mathematics.