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Announcement of the New York State College of Home Economics

1928-29

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THE CALENDAR FOR 1928-29

FIRST TERM

1928		
Sept. 14	Friday	University entrance examinations begin.
Sept. 24	Monday	Academic year begins. Registration of new students.
Sept. 25	Tuesday	
	9-12 a. m.	Registration of new students.
	1-5 p. m.	Registration of old students.
Sept. 26	Wednesday	Registration of old students.
Sept. 27	Thursday	Instruction begins.
Oct. 19	Friday	Last day for payment of tuition.
Nov. 29-Dec. 1		Thanksgiving recess.
Dec. 22	Sat., 1 p. m.	Instruction ends.
1929		
Jan. 7	Mon. 8 a. m.	Instruction resumed.
Jan. 11	Friday	Birthday of Ezra Cornell. Founder's Day.
Jan. 28	Monday	Term examinations begin.
Feb. 6	Wednesday	Term examinations end.

} Christmas
recess.

SECOND TERM

Feb. 8	Friday	}	Registration of all students.
Feb. 9	Saturday		
Feb. 11	Mon. 8 a. m.		Instruction begins.
Feb. 11-16			Farm and Home Week.
Mar. 4	Monday		Last day for payment of second-term tuition.
Mar. 30	Sat. 1 p. m.		Instruction ends.
Apr. 8	Mon. 8 a. m.		Instruction resumed.
June 3	Monday		Term examinations begin.
June 17	Monday		Sixty-first Annual Commencement.

} Spring
recess.

CORRESPONDENCE

Correspondence concerning entrance to Cornell University should be addressed to Mr. David F. Hoy, Registrar, Cornell University, Ithaca, New York.

Correspondence concerning requirements for graduation, advanced-standing records, and correspondence of a general nature, should be addressed to the Secretary of the Colleges of Agriculture and Home Economics, Roberts Hall, Ithaca, New York.

Correspondence concerning the content of home-economics courses should be addressed to the Directors of the College of Home Economics, Cornell University, Ithaca, New York.

Correspondence concerning graduate work in home economics should be addressed to the Dean of the Graduate School, Cornell University, Ithaca, New York.

Correspondence concerning the content of hotel courses, and the hotel practice requirement, should be addressed to Professor H. B. Meek, Cornell University, Ithaca, New York.

NEW YORK STATE COLLEGE OF HOME ECONOMICS

STAFF OF ADMINISTRATION

Livingston Farrand, A.B., M.D., L.H.D., LL.D., President of the University.
Albert Russell Mann, B.S.A., A.M., Dean of the Colleges of Agriculture and Home Economics.
Cornelius Betten, Ph.D., D.Sc., Director of Resident Instruction.
Carl Edwin Ladd, Ph.D., Director of Extension.
Frank Barron Morrison, B.S., Director of Experiment Stations.
Martha Van Rensselaer, A.B., Director of the College of Home Economics.
Flora Rose, B.S., M.A., Director of the College of Home Economics.
Olin Whitney Smith, B.S., Secretary of the Colleges of Agriculture and Home Economics.
Willard Waldo Ellis, A.B., LL.B., Librarian.
George Wilson Parker, Managing Clerk.
Ellen Fitch, A.B., Secretary of the College of Home Economics.
Mrs. Harriet Bliss Stocking, Ph.B., Extension Secretary of Home Economics.

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

Dorothy Denny Barnard, A.B., Acting Assistant Professor of Home Economics.
Miriam Jane Bartlett, Ph.B., Instructor in Home Economics.
Adelaide Anna Barts, B.S., Assistant State Leader of Home Demonstration Agents.*
Gertrude W. Betten, B.S., Assistant Manager of the Cafeteria.
Mrs. Myrtle Sherer Betten, Instructor in Home Economics.
Beulah Blackmore, B.S., Professor of Home Economics.
Mrs. Jessie Austin Boys, M.S., Assistant Professor of Home Economics.
Muriel Brasie, M.A., Acting Assistant Professor of Home Economics.
Sarah Lucile Brewer, B.S., Extension Professor of Home Economics.
Frances Artie Brookins, Assistant Director of Shop.
Mrs. Gladys Loraine Butt, B.S., Extension Instructor in Home Economics.
Sannie Callan, B.S., M.A., Instructor in Home Economics.
Helen Canon, A.B., M.S., Research Instructor in Home Economics.
Mildred Carney, B.S., M.A., Extension Assistant Professor of Home Economics.
John Courtney, B.S., Instructor in Hotel Accounting.
Helen Bothwell Crouch, B.S., M.A., Instructor in Home Economics.
Mary Ella Cushman, B.S., Extension Instructor in Home Economics.
Dorothy Celia DeLany, B.S., Assistant State Leader of Home Demonstration Agents.
Mrs. Dora Wetherbee Erway, Assistant Professor of Home Economics.
Faith Fenton, M.S., Assistant Professor of Home Economics.
Marie Belle Fowler, B.S., M.A., Professor of Home Economics.
Katherine Wyckoff Harris, B.S., Assistant Professor of Home Economics and Manager of the Cafeteria.
Mary Frances Henry, M.A., Professor of Home Economics.
Charlotte Bostwick Hopkins, B.S., Instructor in Home Economics and Assistant Manager of the Cafeteria.
Helen Hubbell, Ph.D., Extension Assistant Professor of Home Economics.
Jennie Catherine Jones, Extension Instructor in Home Economics.
Helen Book Kay, B.S., M.A., Extension Assistant Professor of Home Economics.
Raymond J. Kief, Lecturer in Hotel Management.
Lucy Kimball, B.S., M.A., Instructor in Home Economics.
Helen Louise Koehler, Assistant in Home Economics.
Elisabeth Van Deranter Lacey, M.A., Assistant Professor of Home Economics.
Laura Leske, M.A., Instructor in Home Economics.

*Absent on leave first term.

- Edith Helena MacArthur, Ph.D., Assistant Professor of Home Economics.
Mrs. Carolyn Brundage McIlroy, Director of Shop.
Mrs. Nancy Kritzer Masterman, A.B., M.S., Extension Instructor in Home Economics.
Howard Bagnall Meek, S.B., M.A., Professor of Hotel Management.
Helen Monsch, B.S., M.A., Professor of Home Economics.
Grace Evelyn Morin, M.A., Extension Assistant Professor of Home Economics.
Caroline Morton, B.S., M.A., Extension Assistant Professor of Home Economics.
Claribel Nye, M.A., Extension Professor of Home Economics.
Marian Pfund, Ph.D., Acting Assistant Professor of Home Economics.
Katherine Reeves, B.A., Instructor in Home Economics.
Myra Jane Robinson, A.B., Acting Assistant Professor of Home Economics.
Mrs. Nancy McNeal Roman, Ph.B., M.A., Extension Professor of Home Economics.
Flora Rose, B.S., M.A., Professor of Home Economics and Director of the College.
Irene Sanborn, B.S., M.A., Assistant in Home Economics.
Mrs. Alma Fincher Scidmore, Extension Instructor in Home Economics.
Ruth Jean Scott, B.S., Assistant Professor of Home Economics.
Lillian Shaben, B.S., Acting Assistant Professor of Junior Extension.
Jean Simpson, B.A., M.S., Instructor in Home Economics.
Mrs. Ruby Green Smith, Ph.D., Associate State Leader of Home Demonstration Agents.
Hazel Lucile Spencer, B.S., M.A., Extension Assistant Professor of Home Economics.
Adelaide Spohn, M.S., Ph.D., Professor of Home Economics.
Helen Marjorie Taylor, B.S., Extension Instructor in Home Economics.
Louis Toth, C.P.A., Instructor in Hotel Accounting (first term).
Allan Hosie Treman, A.B., LL.B., Instructor in Hotel Law (second term).
Martha Van Rensselaer, A.B., Professor of Home Economics and Director of the College.
Mrs. Ethel Bushnell Waring, Ph.D., Professor of Home Economics.
Annette J. Warner, Professor of Home Economics.
Marguerite Wilker, Ph.B., Ph.D., Extension Professor of Home Economics.

NEW YORK STATE COLLEGE OF HOME ECONOMICS AT CORNELL UNIVERSITY

Home Economics was organized as a department in the New York State College of Agriculture in 1907, and by action of the Board of Trustees was made a professional School of Home Economics in 1920.

The bill to designate the School of Home Economics as the New York State College of Home Economics was signed by the Governor of New York State, the Honorable Alfred E. Smith, on February 24, 1925, and constitutes Chapter 45 of the Laws of 1925. The law provides that the College of Home Economics shall continue to be administered by Cornell University as the representative of the State Department of Education.

The College of Home Economics is now one of the three State Colleges at Cornell University. It offers its students facilities for training through four academic years and the successful completion of a four-years curriculum is recognized by the conferring of the degree of bachelor of science by Cornell University. Opportunity is also offered for graduate work.

BUILDINGS

The College of Home Economics is housed in a building provided by an act of the Legislature passed in 1911 and equipped by an appropriation subsequently granted by the Legislature. In addition, two cottages are used, one as a practice house, the other as a nursery school in connection with the courses in child training.

PAYMENTS TO THE UNIVERSITY

TUITION

Tuition is free to undergraduate students pursuing full, special, or short courses (except the course in Hotel Administration) in the New York State College of Home Economics, 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. Such students 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.

When a graduate student has paid during summer sessions, or summer sessions and the academic year combined, an amount equal to the tuition and administration fees required of students who are candidates for the same degree during the regular year, he may on the recommendation of his special committee be absolved by the Dean of the Graduate School from the payment of additional tuition in the Summer Session, but will be required to pay an administration fee of \$6.25 for each subsequent summer session.

Students in Home Economics who are not exempt under these provisions are required to pay tuition as follows:

Four-years course, except the Course in Hotel Administration. per year \$200

The Course in Hotel Administration

New students.	per year	350
Old students for the year 1928-29.		300
Old students thereafter.		350
Graduate School.	per year	75
University Summer Session.		50
Summer School in Agriculture and Home Economics.		50

The tuition fees of \$200, \$300, and \$350 are payable, respectively, in installments of \$110, \$160, and \$190 at the beginning of the first term, and \$90, \$140, and \$160 at the beginning of the second term, but a student registered only for the second term of the academic year is required to pay at the rate of the first term.

Tuition and other fees become due when the student registers. The University allows twenty days of grace after the last registration day of each term of the regular session. The last day of grace is generally printed on the registration coupon which the student is required to present at the Treasurer's office. Any student who fails to pay his tuition charges, other fees, and other indebtedness to the University, or who, if entitled to free tuition, fails to claim it at the Treasurer's office and to pay his fees and other indebtedness, within the prescribed period of grace, is thereby dropped from the University unless the Treasurer has granted him an extension of time to complete payment. The Treasurer is permitted to grant such an extension when, in his judgment, the circumstances of a particular case warrant his doing so. For any such extension the student is assessed a fee of \$5 for the first week and \$2 additional for each subsequent week in which the whole or any part of the debt remains unpaid, but the assessment in any case is not more than \$15. The assessment may be waived in any instance for reasons satisfactory to the Comptroller and the Registrar, when such reasons are set forth in a written statement.

The rules governing the rate of tuition in cases of withdrawal during the term or of registration late in the term are stated in the *General Circular of Information*.

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

OTHER FEES

A **matriculation fee** of \$10 is required of every student upon entrance into the University, and is payable at the time of registration. A new undergraduate student who has made the required deposit of \$25 with the Treasurer does not make an additional payment of the

matriculation fee, because the Treasurer draws on the deposit for this fee. See page 13.

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 *General Circular of Information*.

A Willard Straight Hall membership fee of \$4 a term is required, at the beginning of each term, of every undergraduate student. Its payment entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to regulations approved by the Board of Managers of the Hall.

The fee of \$4 a term is required of all graduate students except those who are members of the instructing staff, for whom membership is optional. The use of the hall is restricted to those who have paid this fee.

A physical recreation fee is required at the beginning of each term of every undergraduate man and of every woman of the freshman and sophomore classes. It is \$2 a term for men students and \$1 a term for women students. Its payment entitles a man student to the use of the gymnasium and the university playgrounds, and to the use of a locker, with bathing facilities and towels, in the gymnasium, the New York State Drill Hall, or the Schoellkopf Memorial Building; and a woman student to the use of the women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker.

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 used by the student.

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 of 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 is returned to the student.

RULES GOVERNING MINOR DELINQUENCIES

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

Assessments, charged to the student's account and payable at the Treasurer's office, 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.

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

For reasons satisfactory to the proper authority, any of the above-mentioned assessments (except that levied for examination or other test to remove a condition) may be waived in any individual case if the student's failure to comply with the regulation was due to ill health or to any other reason beyond his control. Application for such a waiver should be made to the Dean of the college enrolling the student or, in the case of the medical examination, to the chairman of the Faculty Committee on Health.

RESIDENTIAL HALLS

The residential halls for women students are Sage Hall and Prudence Risley Hall. In these buildings the total cost of board, laundry, and rent of furnished rooms with heat and light, is \$515. The halls are heated by steam and lighted by electricity. The University Dean of Women has jurisdiction over all women students in the University, and women students are not permitted to board and lodge outside of the halls for women except in houses approved by the Dean and subject to her direction. Prospective women students should write to the Dean of Women for information concerning any matters in which they may need assistance. Dormitory facilities for women are inadequate, and prospective students desiring such accommodation are urged to make early application.

The University has six residential halls for men students, situated on the campus and furnishing accommodations for about four hundred and eighty men. There are, also, many private boarding and lodging houses near the university campus. In these the cost of board and furnished room, with heat and light, varies from \$10 to \$15 a week. By the formation of clubs, students are sometimes able to reduce their expenses for room and board. Cafeterias are maintained by the University in Cascadilla Hall and Willard Straight Hall, and by the College of Home Economics in the Home Economics Building, where meals may be obtained at reasonable prices.

Inquiries in regard to board and rooms in the women's halls or rooms in the residential halls for men, should be addressed to the Manager of Residential Halls, Morrill Hall, Ithaca, New York.

Before engaging rooms, students should carefully examine sanitary conditions and should particularly insist on satisfactory and sufficient fire escapes. The University publishes and distributes a list of approved lodging houses for men students. This list is ready for distribution on August 15. New students are advised to come to Ithaca a few days in advance of the beginning of their university duties, in order that they may have ample time to procure room and board before the opening of the academic year. The Freshman Advisory Committee offers its assistance to new students in the selection of lodging and boarding houses.

SCHOLARSHIPS AND PRIZES

THE STATE UNIVERSITY SCHOLARSHIPS

Under Chapter 292 of the Laws of 1913, as amended by Chapter 502, Laws of 1920, and Chapter 714, Laws of 1923, the State of New York maintains scholarships, five of which are awarded each county, annually, for each assembly district therein. Each of these scholarships entitles the holder to \$100 for each year while he is in attendance upon an approved college in this State during a period of four years. These are called the State University Scholarships. At Cornell they are commonly known as the State Cash Scholarships, to distinguish them from the State Tuition Scholarships in this University. They are awarded by the State Commissioner of Education at Albany, to whom application should be made for any information about the conditions of award, or for any information about the rules of administration.

THE UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

Eighteen University Undergraduate Scholarships, each continuing for two years and having 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 a University Undergraduate Scholarship must have satisfied in full the entrance requirements of that college of the University which he proposes to enter. See the *General Circular of Information* for the rules under which these scholarships are awarded.

THE DREYFUS MEMORIAL SCHOLARSHIPS

Two scholarships of annual value of \$600 each have been established by Mrs. Berta E. Dreyfus in memory of her husband, Dr. Louis A. Dreyfus. In their award preference is given first to students coming from the high schools of Richmond County, New York, and next to those from Sandusky County, Ohio. First consideration is given to those specializing in Chemistry, Engineering, or Agriculture, or, in

case of women, in Home Economics or Arts and Sciences. Application must be made to the Dean of the University Faculty before the first Wednesday of May.

THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP

The New York State Federation of Women's Clubs has offered for several years a scholarship of \$200 to a student who has given evidence of scholarship and a desire to serve the interests of home-making in New York State.

THE CARRIE E. BRIGDEN SCHOLARSHIP

The Carrie E. Brigden Scholarship is founded by the New York State Federation of Home Bureaus and named in honor of Mrs. Carrie E. Brigden, the first president of the Federation. Application for the scholarship may be made by those registered as undergraduate students in the New York State College of Home Economics or in other colleges giving a course in home economics leading to the degree of bachelor of science, and also by those qualified to do graduate work in home economics. The applicant must signify her intention to become a home demonstration agent in New York State.

THE HOME ECONOMICS CLUB SCHOLARSHIP

The Home Economics Club Scholarship of \$100 will be awarded in the year 1928-29. The holder of the scholarship is selected on the basis of financial need and of outstanding ability in scholarship and leadership. Applications for the year 1929-30 should be filed in the Secretary's office before May 1, 1929. The holder of the scholarship will be selected by the scholarship committee of the faculty, co-operating with a committee of three seniors appointed by the president of the Home Economics Club and with the approval of the directors of the College. The award for each year will be made before Commencement Day of the preceding year.

THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship of \$100 is to be awarded by the Association of Home Economics Teachers of the New York City Elementary Schools to a graduate of a New York City high school studying at the New York State College of Home Economics and expecting to return to teach in New York City.

THE MORGENTHAU FELLOWSHIP

A graduate fellowship of the amount of \$1000 is provided through the generosity of Mrs. Henry Morgenthau, Sr. The holder is to make a study of the economic opportunities open to women of rural communities and of the types of vocational training needed in relation thereto.

OTHER SCHOLARSHIPS

A description of other scholarships open under certain conditions to undergraduates in the Colleges of Agriculture and Home Economics will be found in the *General Circular of Information*.

The following scholarships are available for students in Hotel Administration. They will be awarded on application to students in need of financial aid, and who in respect of superior character, interest, and scholarship, give evidence of being worthy recipients.

Applications for these scholarships must be filed at the office of the Director of Resident Instruction before May 1 on blanks available at the college office.

THE HORWATH AND HORWATH SCHOLARSHIP

The Horwath and Horwath Scholarship, founded by the accounting firm of Horwath and Horwath of New York City, entitles the holder to \$200 for the year, payable in two installments, and recognizes particularly scholarship in the field of accounting.

THE INTERNATIONAL STEWARDS ASSOCIATION SCHOLARSHIP

The International Stewards Association Scholarship, established for the years 1927-28, 1928-29, 1929-30, and 1930-31 by the International Stewards Association, entitles the holder to \$100 each year, payable in two installments, and is renewable at the option of the Faculty. In the award of this scholarship preference will be given, where equitable, to members or children of members of the Association.

THE SAVARINS SCHOLARSHIP

The Savarins Scholarship, established for the years 1927-28, 1928-29, and 1929-30 by The Savarins Incorporated, entitles the holder to \$200 for the year, payable in two installments, and recognizes particularly scholarship in subjects related to the restaurant department.

THE EDWARD M. TIERNEY MEMORIAL SCHOLARSHIP

The Edward M. Tierney Memorial Scholarship, established by E. M. Tierney in memory of his father, entitles the holder to \$300 for the year.

PRIZES

For information concerning prizes offered in the University and open to competition of students in the College of Home Economics, see the special pamphlet on prizes, which may be obtained upon application to the Secretary of the University.

LOANS

The New York State Grange has established a loan fund to aid its members in securing a higher education. Application may be made to Mr. H. M. Stanley, Skaneateles, New York.

GRADUATED CREDIT

The passing grades are designated A, B, C, D, and P. In courses taken in the College of Home Economics, 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.

INFORMATION CONCERNING COURSES

Regular instruction in the College of Home Economics constitutes a course of four years, or eight terms, leading to the degree of bachelor of science. The information given in this announcement applies mainly to this course. There are separate announcements relating to the special course in Hotel Administration, to the graduate courses, and to the summer school.

Within the regular four-years course there is opportunity for following specialized interests under the guidance of faculty advisers. The required courses and additional recommended courses for various groups are listed in the following pages. Such curricula are outlined for students who are preparing to become teachers of general home economics; teachers of special home-economics subjects, such as foods and nutrition, or clothing; extension workers; dietitians in hospitals and other institutions; or hotel and institution executives. A grouping of courses is also arranged for students in general home economics who do not wish to specialize in any phase of the subject and who do not intend to use this knowledge in professions other than that of homemaking, but who desire some understanding of the principles underlying problems of human welfare.

The special course in the administration of hotels and other institutions having housing and feeding problems is offered with the generous assistance of the American Hotel Association.

THE APPLICATION FOR ADMISSION

Men who are candidates for admission to the regular, or four-years, course must be at least sixteen years of age; women must be at least seventeen years of age. They must have certificates of good moral character; and students from other colleges or universities are required to furnish certificates of honorable dismissal from those institutions. Students are admitted on examination, or on presentation of acceptable school certificates.

Every candidate for matriculation must submit to the Registrar a satisfactory certificate of vaccination against smallpox, not later than August 1 if he is to be admitted in September, or not later than January 1 if he is to be admitted in February. It will be accepted as satisfactory only if it certifies that within the last five years a successful vaccination has been performed or that three unsuccessful attempts at vaccination have been made.

Every candidate for admission to an undergraduate course must deposit twenty-five dollars with the Treasurer. A check, draft, or order should be payable to Cornell University and should be sent to The Treasurer, Cornell University. The deposit must be made not later than June 1 if the candidate is to be admitted in September to the College of Arts and Sciences or the College of Architecture, and not later than August 1 if he is to be admitted in September to any of the other colleges. It must be made not later than January 1 if the candidate is to be admitted in February to any of the colleges.

(The winner of a New York State Tuition Scholarship in Cornell University may apply for admission to the University and make the required deposit of \$25 immediately after receiving formal notice of his appointment from the Commissioner of Education at Albany.)

If the candidate matriculates, the deposit will be credited to his account, \$10 for the matriculation fee and \$15 as a guarantee fund, which every undergraduate student is required to maintain and which is to be refunded upon his graduation or permanent withdrawal, less any indebtedness to the University.

If admission is denied a candidate who has complied with all these rules, the deposit is refunded in full at any time.

A candidate may withdraw the application for admission, but a charge of \$10 is regularly made for accrued expenses unless the application is withdrawn and a refund of the deposit in full is claimed before the due date, which is June 1 in the College of Arts and Sciences and the College of Architecture and August 1 in the other colleges. If an application is not withdrawn until after the due date of the college concerned, but is withdrawn before August 31, the \$10 charged for accrued expenses is deducted and \$15 of the deposit is refunded. No refund is made to an applicant who withdraws the application after August 31.

In the case of applications for admission in February, a withdrawal after January 1 incurs the regular charge of \$10, and no refund is made for withdrawal after January 31.

Candidates for admission must file their credentials and obtain permits for any necessary entrance examinations at the University Registrar's office, Morrill 18. The results of examinations may be ascertained from the Registrar.

ENTRANCE REQUIREMENTS FOR THE FOUR-YEARS COURSE

The subjects that may be offered for admission to the College of Home Economics are named in the following list; the figure in parenthesis following each subject indicates its value in entrance units and

shows the maximum and the minimum amount of credit allowed in the subject. A unit represents five recitations a week for one year in a study.

1a. English No. 1.....	(1½)	7c. Third Year Italian.....	(1)
1b. English No. 2.....	(1½)	8a. Ancient History.....	(½-1)
1c. English (elective).....	(1)	8b. Modern History.....	(½-1)
2a. First Year Greek.....	(1)	8c. American History, Civics... (½-1)	
2b. Second Year Greek.....	(1)	8d. English History.....	(½-1)
2c. Third Year Greek.....	(1)	9a. Elementary Algebra.....	(1)
3a. First Year Latin.....	(1)	9b. Intermediate Algebra.....	(½)
3b. Second Year Latin.....	(1)	9c. Advanced Algebra.....	(½)
3c. Third Year Latin.....	(1)	9d. Plane Geometry.....	(1)
3d. Fourth Year Latin.....	(1)	9e. Solid Geometry.....	(½)
4a. First Year German.....	(1)	9f. Plane Trigonometry.....	(½)
4b. Second Year German.....	(1)	10. Physics.....	(1)
4c. Third Year German.....	(1)	11. Chemistry.....	(1)
4d. Fourth Year German.....	(1)	12. Physical Geography.....	(½-1)
5a. First Year French.....	(1)	13. Biology*.....	(1)
5b. Second Year French.....	(1)	14. Botany*.....	(½-1)
5c. Third Year French.....	(1)	14a. Zoology*.....	(½-1)
5d. Fourth Year French.....	(1)	15. Bookkeeping†.....	(½-1)
6a. First Year Spanish.....	(1)	16. Agriculture, Home Eco-	
6b. Second Year Spanish.....	(1)	nomics†.....	(½-4)
6c. Third Year Spanish.....	(1)	17. Drawing.....	(½-1)
6d. Fourth Year Spanish.....	(1)	18. Manual Training.....	(½-1)
7a. First Year Italian.....	(1)	19. Any high-school subject or	
7b. Second Year Italian.....	(1)	subjects not already used. (½-1)	

For admission to the New York State College of Home Economics, an applicant must offer either A or B, as follows:

A. Fifteen units, arranged as follows: English (3), history (1), elementary algebra (1), plane geometry (1), foreign language (3 units in one language or 2 units in each of two), elective (6 or 5). The arrangement of the schedule in college will be facilitated if physics is offered for admission.

B. The New York Academic Diploma in Homemaking with the further provision that either elementary algebra, 1 unit, and plane geometry, 1 unit, or physics, 1 unit, must be included. An applicant entering on this diploma who does not present three units of foreign language, or two units in each of two languages, 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.

SELECTION OF ELIGIBLE CANDIDATES FOR ADMISSION TO THE COLLEGE OF HOME ECONOMICS

Because of lack of facilities it has become necessary to limit the number of students admitted to the College of Home Economics. Information is collected regarding the applicant's scholarship and

*If an applicant has counted Biology (1), he may not also offer Botany (½) or Zoology (½).

†An applicant may offer not to exceed four units in vocational subjects under numbers 16, 18, and 19, combined. Bookkeeping may not be offered together with more than one of the subjects listed under 16, 17, and 18.

certain traits of character in order to select from among those who have completed the formal academic requirements the persons likely to profit most by the training offered in the College.

After the student has made formal application for entrance, with the Registrar of the University, on blanks provided by that officer, a Home Economics Application Blank will be received from the Committee on Admission, which should be filled out and returned promptly. The Committee will consider the case and advise the student of its decision, at as early a date as possible.

As the task of getting the necessary evidence is time-consuming and as the eligible list will be filled quickly, all prospective students are advised to make decisions and applications early. August 1 is set as the last day upon which formal application for admission in September may be filed and the last day upon which the \$25 deposit may be accepted.

ADMISSION WITH ADVANCED STANDING

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 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 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 proposed to enter, but passes the credit examination in any other subject or subjects, he may use the latter toward satisfying entrance requirements, but in that case he cannot also receive college credit for it. The college credit examinations will be held September 14 to 18, 1928, on the dates set for the entrance examinations in the same subjects.

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 Home Economics 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-years course and the requisite number of elective hours in home-economics subjects. He must also have been in residence in the College of Home Economics 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 Home Economics.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

MILITARY SCIENCE AND TACTICS, AND HYGIENE AND PREVENTIVE MEDICINE

The requirements for the degree of bachelor of science are, for women, prescribed work in the Department of Physical Training and Preventive Medicine, and the completion of one hundred and twenty hours of required and elective work; and, for men, prescribed work in the Department of Military Science and Tactics and of Hygiene and Preventive Medicine, and the completion of one hundred and twenty hours of required and elective work.

PRACTICE REQUIREMENTS

All students, with the exception of those taking hotel administration, must satisfy the practice requirement in home economics before the beginning of their last year. This requirement is equivalent to four weeks of actual, independent, housekeeping experience. In order to meet this requirement, the student must have a good working knowledge of the care and management of the house and of food preparation.

All students specializing in extension are required to satisfy, in addition to the practice requirement in home economics, a practice period of extension service in county work, under direction, before their senior year.

Under the hotel practice requirement each student will complete before the last term of residence three summer periods (or their equivalent) of supervised employment at approved jobs in approved hotels. For purposes of administration this requirement is also stated as "the completion, before the last term of residence, of at least sixty points of practice credit," where the "point" of credit is so defined that the normal summer's work of about ten weeks, with all the required notices, reports, and other supervision, will count for twenty points. For exceptionally good types of experience, good workmanship and excellent reports excess credit will be given; while for poor experience, poor workmanship, or poor or tardy reports less than normal credit will be allowed. Not more than forty points of the practice credit may be earned in any one hotel.

Credit for hotel practice is estimated on the basis of reports filed by the students and by the employers. A limited amount of credit (not more than forty points) may be earned before entering college. Therefore, students who expect to be employed at hotel work before entering college (or before transferring to Cornell) and who wish to count that work against the hotel-practice requirement should apply

before beginning work or as soon thereafter as possible to the Committee on Hotel Practice for registration blanks and instruction sheets. Failure of each student to spend his summer vacation periods at approved hotel work without the express permission of the Hotel Practice Committee renders him liable to dismissal or discipline. Plans for the summer should be made definite only after a study of the Hotel Practice Instruction Sheets and consultation with the Chairman of the Committee.

While the supervised practice is an essential part of the student's course, the College does not guarantee summer positions. Through the courtesy of the American Hotel Association, however, a limited number of desirable openings are available for students of high promise. Other students are assisted in finding work, and, ordinarily, men or women of reasonable ability should have no difficulty in making arrangements.

THE CURRICULA

All students must complete one hundred and twenty hours of required and elective work as outlined in the general curriculum, or in one of the special curricula that follow.

Every home economics student is required to select a course of study which she wishes to follow the next year, and to file a record of such selection in the office of the Secretary of the College of Home Economics by May 1 of each year.

In selecting the course, a student must obtain the approval of a faculty adviser, preferably in the department in which the student expects to specialize. All students who are preparing for teaching are required to consult the Department of Rural Education as well as their faculty adviser before filing their term schedules.

Students who do not present physics for entrance are required to take physics.

Permission to specialize will be determined by the heads of the departments concerned, in consultation with the student. Students must attain a grade of B in all courses in the Departments of Textiles and Clothing and Household Art during their freshman and sophomore years, to be permitted to specialize in clothing; and in the Department of Foods and Nutrition to be permitted to specialize in foods. Students who transfer from other colleges must meet these requirements.

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 Home Economics and 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 home-economics subjects described on the following pages.

Those required courses which are given in other colleges than Home Economics are described on pages 34-37.

COURSES OF STUDY

GENERAL STUDENT NOT SPECIALIZING

Freshman		Sophomore	
<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1... 6		Foods and Nutrition 3.....	5
Foods and Nutrition 1.....	3		
Textiles and Clothing 3.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	—		—
	32		21
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Foods and Nutrition 122.....	5	Household Management 130.....	4
	—	Foods and Nutrition 131.....	1
	13		—
			10

Required hours: 76

Elective hours: 46 or more

EXTENSION WORKER

Freshman		Sophomore	
<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Foods and Nutrition 3.....	5
Biology 1, Zoology 1, or Botany 1... 6		Bacteriology 2.....	3
Foods and Nutrition 1.....	3	Textiles and Clothing 15.....	3
Textiles and Clothing 3.....	3	Household Art 11.....	2
Textiles and Clothing 5 or 10†.....	3	Household Art 31.....	3
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	—		—
	35		29
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Foods and Nutrition 122.....	5	Household Management 130.....	4
Rural Education 111.....	4	Rural Education 136.....	3
Rural Education 116.....	2	Textiles and Clothing 115.....	3
Rural Education 181.....	3	Foods and Nutrition 131.....	2
Rural Education 135.....	3	Extension 100.....	4
Textiles and Clothing 103.....	4	Extension Teaching 15.....	3
Extension Teaching 101.....	2	Rural Education 138.....	2
Family Life 101.....	3		
	—		—
	34		26

Required hours: 124

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

‡May be taken later.

VOCATIONAL HOME ECONOMICS TEACHER—GENERAL

Freshman		Sophomore	
<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1... 6		Foods and Nutrition 3.....	5
Foods and Nutrition 1.....	3	Textiles and Clothing 15.....	3
Textiles and Clothing 3.....	3	Household Art 11.....	2
Textiles and Clothing 5 or 10†.....	3	Household Art 31.....	3
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	—		—
	35		29
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Foods and Nutrition 122.....	5	Household Management 130.....	4
Textiles and Clothing 103.....	4	Rural Education 136.....	3
Rural Education 111.....	4	Textiles and Clothing 115.....	3
Rural Education 181 or Education 2... 3		Foods and Nutrition 131.....	2
Rural Education 135.....	3	Education 13.....	3
Rural Education 116.....	2		
Family Life 101.....	3		
	—		—
	32		20
<i>Required hours: 116</i>			
<i>Elective hours: 4 or more</i>			

VOCATIONAL HOME ECONOMICS TEACHER—CLOTHING

Freshman		Sophomore	
<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Physiology 303.....	3
Chemistry 101.....	3	Bacteriology 2.....	3
Chemistry 105.....	3	Textiles and Clothing 15.....	3
Biology 1, Zoology 1, or Botany 1... 6		Household Art 11.....	2
Foods and Nutrition 1.....	3	Household Art 31.....	3
Textiles and Clothing 3.....	3		
Textiles and Clothing 5 or 10†.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	—		—
	35		20

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

‡May be taken later.

Junior

<i>Required:</i>	
Economics 1.....	5
Textiles and Clothing 103.....	4
Rural Education 111.....	4
Rural Education 181 or Education 2..	3
Rural Education 135.....	3
Rural Education 116.....	2
Family Life 101.....	3
<hr/>	
	24

*Required hours: 99**Elective hours: 21 or more*

Senior

<i>Required:</i>	
Household Management 120.....	2
Household Management 126.....	3
Household Management 130.....	4
Rural Education 136.....	3
Textiles and Clothing 115.....	3
Foods and Nutrition 131.....	2
Education 13.....	3
<hr/>	
	20

VOCATIONAL HOME ECONOMICS TEACHER—FOODS

Freshman

<i>Required:</i>	<i>hours</i>
Orientation.....	1
English 1.....	6
Chemistry 101.....	3
Chemistry 105.....	3
Biology 1, Zoology 1, or Botany 1...	6
Foods and Nutrition 1.....	3
Textiles and Clothing 3.....	3
Textiles and Clothing 5 or 10†.....	3
Household Management 12*.....	2
Household Art 1.....	3
Hygiene 1.....	1
Hygiene 2.....	1
<hr/>	
	35

Sophomore

<i>Required:</i>	<i>hours</i>
Physics 3 and 4†.....	6
Organic Chemistry 375 (with laboratory).....	5
Physiology 303.....	3
Bacteriology 2.....	3
Foods and Nutrition 3.....	5
Household Art 31.....	3
<hr/>	
	25

Junior

<i>Required:</i>	
Economics 1.....	5
Biochemistry 314.....	3
Biochemistry 314a.....	2
Foods and Nutrition 122.....	5
Rural Education 111.....	4
Rural Education 116.....	2
Rural Education 181 or Education 2..	3
Rural Education 135.....	3
Family Life 101.....	3
<hr/>	
	30

*Required hours: 110**Elective hours: 10 or more*

Senior

<i>Required:</i>	
Household Management 120.....	2
Household Management 126.....	3
Household Management 130.....	4
Foods and Nutrition 109.....	3
Foods and Nutrition 131.....	2
Rural Education 136.....	3
Education 13.....	3
<hr/>	
	20

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

‡May be taken later.

DIETITIAN—CLINICAL AND LABORATORY

Freshman

Sophomore

<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry (with laboratory)	
Chemistry 101.....	3	375.....	5
Chemistry 105.....	3	Physiology 303.....	3
Chemistry 210*.....	3	Bacteriology 2.....	3
Chemistry 225*.....	3	Foods and Nutrition 3.....	5
Biology 1, Zoology 1, or Botany 1... 6			
Foods and Nutrition 1.....	3		
Textiles and Clothing 3*.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	38		22

Junior

Senior

<i>Required:</i>		<i>Required:</i>	
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Biochemistry 314a.....	2	Household Management 130.....	4
Foods and Nutrition 122.....	5	Foods and Nutrition 124.....	3
	<hr/>	Foods and Nutrition 131.....	1
	15		<hr/>
			13

Required hours: 88

Elective hours: 34 or more

DIETITIAN—MANAGERIAL

Freshman

Sophomore

<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1... 6		Foods and Nutrition 3.....	5
Foods and Nutrition 1.....	3		
Textiles and Clothing 3.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	32		21

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics I.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Foods and Nutrition 122.....	5	Household Management 130.....	4
Institution Management 101.....	3	Foods and Nutrition 109.....	3
		Foods and Nutrition 124	
		(if Hospital Managerial).....	3
		Foods and Nutrition 131.....	1
		Institution Management 102.....	2
		Institution Management 111.....	5
	—		—
	16		23
<i>Required hours: 92</i>			
<i>Elective hours: 30 or more</i>			

HOTEL EXECUTIVE

Freshman		Sophomore	
<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation.....	1	Biology 1.....	6
Chemistry 101.....	3	Drawing 2.....	3
Chemistry 105.....	3	Economics 1.....	6
Chemistry 880.....	2	Foods and Nutrition 17.....	4
English 1.....	6	Institution Management 115.....	3
Foods and Nutrition 15.....	2	Institution Management 181.....	2
Foods and Nutrition 16.....	2	Institution Management 182.....	2
French 1.....	6	Physics 3 and 4.....	6
Institution Management 81.....	3		
Institution Management 82.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	—		—
	33		32
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Animal Husbandry 20.....	3	Institution Management 171.....	4
Economics 11.....	5	Rural Education 114.....	4
Institution Management 118.....	1	Rural Engineering 163.....	3
Institution Management 151.....	2		
Institution Management 152.....	2		
Institution Management 183.....	2		
Rural Engineering 161.....	4		
Rural Engineering 162.....	3		
	—		—
	22		11
<i>Required hours: 98</i>			
<i>Elective hours: 23</i>			

DIVISIONS OF INSTRUCTION

WITH DESCRIPTION OF COURSES

The first term begins with the opening of the college year, in September. The second term begins in February. (See calendar, page 2.)

Unless otherwise noted, all courses are given in the building of the College of Home Economics.

Orientation. First term. Credit one hour. Required of all freshmen in home economics. Advised for all entering students. Lectures, T Th 10. Roberts Assembly, Home Economics Building 245, and Caldwell 100. Members of the staff of the Colleges of Agriculture and Home Economics.

This course aims to help the student find himself in the environment of the College and of the University.

FOODS AND NUTRITION

1. **Foods, Introductory Course.** First or second term. Credit one or three hours. One hour credit by arrangement with the head of the Department of Foods and Nutrition. This course or its equivalent is required of all home economics students, and should be taken in the freshman year. First term: lectures and discussions, M W 10, Room 100; practice, T 11-1, one section, or T 2-4, one section, Room 200. W 11-1, one section, or F 11-1, one section, Room 270. Second term: lectures and discussions, T Th 10, Room 245; practice, M 11-1, one section, W 11-1, one section, Room 200. Misses KIMBALL and CALLAN.

This constitutes the introductory course in food selection and preparation. Food selection is emphasized from the dietetic standpoint; food preparation is emphasized from the standpoint of principles underlying the processes of cooking. The laboratory problems combine food selection, and preparation and serving of simple breakfasts, luncheons, and dinners. Laboratory fee, \$10.

2. **Foods, Experimental Course in the Science of Cookery.** First and second terms. Credit five hours a term. Open to freshmen and sophomores. Limited to thirty-six students. Lectures, M W F 8, Room 245. Laboratory: first term, T Th 8-10, one section; F 2-4, S 8-10, one section, Rooms 265 and 200. Laboratory: second term, M F 10.30-1, one section; T Th 2-4.30, one section, Rooms 265 and 200. Acting Assistant Professor PFUND and Miss SANBORN.

Laboratory fee, \$20 a term.

3. **Foods, General Course.** First or second term. Credit five hours a term. First term primarily for juniors and seniors; second term for sophomores only. Must be preceded or accompanied by organic chemistry. First term: lectures, M W F 11, Room 245; practice, M W 2-4.30, one section, Room 270, T Th 2-4.30, one section, Room 270. Second term: lectures, M W F 11, Room 245; practice, M W 2-4.30, one section, Room 270; T Th 10.30-1, one section, Room 200. Acting Assistant Professor PFUND, Assistant Professor FENTON, and Miss SIMPSON.

The lectures in this course include a discussion of foods and the fundamental principles of cookery. The laboratory practice consists in a study of food preparation. The course is intended to establish a fundamental knowledge of foods and their preparation as based on the present conception of the physical and chemical reactions involved. Laboratory fee, \$18.

15. **Food Preparation.** First or second term. Credit two hours. Required of students registering in hotel administration. First term: practice, T Th 8-10, one section, Room 270; T Th 11-1, one section, Room 270. Second term: W F 11-1, one section, Room 270. Miss KIMBALL.

This course acquaints the student with the underlying principles of the various ways of cooking typical foods. Detailed attention is given to manipulation and to economy in the use of time and of materials. Standards in preparation and serving are emphasized. Laboratory fee, \$14.

16. **Food Preparation.** Second term. Credit two hours. Required of students registering in hotel administration. Prerequisite, Foods 15. Practice: T Th 8-10.30, one section, T Th 10.30-1, one section, Room 270. Miss KIMBALL.

This course is a continuation of course 15. Laboratory fee, \$14.

17. Advanced Food Preparation. First or second term. Credit three hours. Required of students registering in hotel administration. Prerequisite, Foods 15 and 16, or their equivalents. Lecture, M 11, Room 100. Practice T Th 10.30-1, one section, Room 205; F 2-4.30, S 8-10.30, one section, Room 205. Assistant Professor BOYS.

This course gives the student a more extensive knowledge of the preparation of foods. Attention will be given particularly to those foods usually served in hotels and in high-class restaurants. Laboratory fee, \$18.

18. Food Selection from the Dietetic Standpoint. First or second term. Credit one hour. Elementary course. Elective for students in hotel management and other colleges. Lecture, S 10. First term, Room 400; second term, Room 245. Miss CALLAN.

[35. Dietetics, Survey Course. First term. Credit two hours. Designed primarily for students in other colleges. Professor HENRY.] Not given in 1928-29.

A course designed to give the student a practical knowledge of the application of nutrition principles to the feeding of individuals and groups of varying ages and conditions of health.

[36. Dietetics, Survey Laboratory Course. First term. Credit one hour. Prerequisite, Foods 1 or its equivalent. Must be accompanied by Foods 35. Professor HENRY.] Not given in 1928-29.

Laboratory fee, \$7.

[105. Food Preparation, Survey Course. First or second term. Credit three hours. Designed especially for students in other colleges. Assistant Professor BOYS.] Not given in 1928-29.

A general survey of the history and development of cookery, with laboratory practice in the preparation and serving of the different types of food. Laboratory fee, \$14.

109. Food Preparation, Advanced Course. First or second term. Credit three hours. Open to juniors and seniors. Prerequisite, Foods 1 and 3 or their equivalents. First term: lecture, M 10, Room 245; practice, M W 2-4.30, one section, Room 205; T Th 2-4.30, one section, Room 205. Second term: lecture, M 9, Room 245; practice, M W 2-4.30, one section, Room 205. Assistant Professor BOYS.

This course gives the student an understanding of the history and development of methods of cookery, with a brief survey of the food habits of those nationalities represented in this country. Practice and demonstrations are given to develop appreciation of the variety of methods of food preparation. Laboratory fee, \$15.

122. Nutrition and Dietetics. First or second term. Credit five hours. Should be taken in the junior year. Prerequisite, Foods 3 and Chemistry 375; prerequisite or parallel, Biochemistry 314. Lectures and discussions, T Th 9, Room 100. First term: practice, W F 8-10.30, two sections, Rooms 200 and 205; W F 2-4.30, one section, Room 200. Second term: practice, T Th 2-4.30, one section, Room 200, W F 2-4.30, one section, Room 200. Discussion period by appointment. Professor HENRY and Miss SIMPSON.

This course aims to give the student a thorough knowledge of the body's need for food, of the value of the different food groups, of how to include these foods in order to make adequate diets; a study of quantitative standards of certain food-stuffs, with practical methods of measuring them in the diet; normal digestion; principles determining methods of feeding in certain common digestive disorders; the economical expenditure of money for food. Laboratory fee, \$10.

124. Diet in Relation to the Treatment of Disease. First term. Credit three hours. Open to seniors and graduate students. Limited to twenty students. Required of those specializing in hospital dietetics. Prerequisite, Foods 122. Laboratory and discussion period, T 2-3.30, Room 100, Th 2-3.30, Room 200. Professor HENRY.

This course consists of a study of diet in those diseases in which choice of food is an important factor of treatment. Laboratory fee, \$14.

131. Nutrition of Children. First or second term. Credit one or two hours. Open to seniors and graduate students; not open to juniors except by special permission of the head of the department. Two hours required of teachers; one

hour required of all students. Prerequisite, Foods 122. Conference period, M 2-4, Room 100. Practice: Infant Feeding, Th 2-4.30, one section; School Feeding, W 2-4.30, one section; Pre-School Feeding, M W 10.30-1, one section, T Th 10.30-1, one section. Infant Feeding section limited to twelve students. School Feeding section limited to ten students. Pre-School section limited to four in each section of five weeks each, six sections in a term. Professor MONSCH.

This course will give special consideration to the feeding of infants and children in health and in disease. For those preparing to teach, special laboratories will be planned with the children in the public schools, and opportunity for home visiting and for work with pre-school children will be arranged for all. Laboratory fee, \$2.

222. Nutrition, Advanced Course. First term. Credit two hours. Primarily for graduate students, but open to seniors with the permission of the instructor. Lectures, W F 8, Room 400. Professor SPOHN.

A critical study of recent advances in foods and nutrition. The purpose of the course is to acquaint students with the methods and results of recent investigations in the field.

223. Laboratory Methods in Nutrition. First term. Credit five hours. For graduate students with training satisfactory to the instructor. Limited to ten students. Lecture, Th 11. Room 400. Laboratory work at least ten hours. Hours to be arranged. East Laboratory, Fourth Floor. Professor SPOHN.

An introduction to methods of investigation in foods and nutrition. Opportunity is offered for the study of methods used in feeding experiments with small animals. Laboratory fee, \$20.

224. Human Calorimetry. Second term. Credit two hours. Primarily for graduate students but open to seniors with the permission of the instructor. Lecture, T 8, Room 400. Laboratory, hours to be arranged. Room 410. Class limited to six students. Professor SPOHN.

The laboratory work in this course will consist of energy metabolism determinations using the Benedict portable respiration apparatus. Laboratory fee, \$5.

229. Research in Foods and Nutrition. Throughout the year. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professor SPOHN and Assistant Professor ———.

This course offers opportunity for individual research in animal nutrition, human nutrition and metabolism, food chemistry, and chemical changes taking place in the process of food preparation. Laboratory fee, \$25.

230. Seminary in Nutrition. First term. Credit two hours. Required of graduate students specializing in Nutrition. Th 4-6. Room 100. Professor SPOHN.

231. Seminary in Foods. Second term. Credit two hours. Required of graduate students specializing in Foods. Hours to be arranged. Assistant Professor ———.

TEXTILES AND CLOTHING

3. Clothing Selection: Color and Design. First or second term. Credit three hours. Required of all students in home economics. Prerequisite or parallel, Household Art 1. First term: lecture, T or Th 9, Caldwell 100; practice, M F 2-4, one section, Room 300; T Th 2-4, one section, Room 300; W F 8-10, one section, Room 300; W 2-4, S 8-10, one section, Room 300. Second term: lecture, T or Th 9, Caldwell 100; practice, M W 2-4, one section, Room 300; T Th 2-4, one section, Room 300; W F 8-10, one section, Room 300; W F 11-1, one section, Room 300. Professor BLACKMORE and Mrs. BETTEN.

Selection and design of clothing are taught through*the use of the commercial pattern. Analyses of ready-made garments and of fashion sketches are made to teach the student to adapt current designs to her own needs, and to help her to buy ready-made clothes. Color harmony is developed through the use of texture combinations, and discussions of the influencing factors in the student's personal color needs. This is worked out by means of constructing two dresses and one other garment. Garments are worn for criticism without final finishing.

Students provide all materials, subject to the approval of the instructor. Estimated cost of the materials, \$10. Laboratory fee, \$5.

5. Clothing Selection: Textiles and Construction. Advised second term freshman year or first term sophomore year. Credit three hours. Prerequisite, Clothing 3 or its equivalent, and Household Art 1. This course, or Clothing 10, required for teachers and extension workers. First term: lecture, M 9, Rooms 300 and 310; practice, T Th 11-1, two sections, Rooms 300 and 305. Second term: lecture, T 10, Rooms 300 and 310; practice, T Th 8-10, one section, Room 300; T Th 11-1, one section, Room 305; F 2-4, S 8-10, one section, Room 300. Assistant Professor SCOTT, Mrs. BETTEN, and Miss LESKE.

This course emphasizes the selection and the construction of clothing and the economical and appropriate selection of textiles. Each garment constructed is studied with reference to its cost, appropriateness, and place in the wardrobe. Laboratory practice includes hand and machine sewing suitable to the garments constructed. Fitted muslin foundation patterns or commercial patterns are used in designing and cutting garments. Students provide all dress materials, subject to the approval of the instructors. Estimated cost of materials, from \$15 to \$25. Laboratory fee, \$5.

[8. Dressmaking, Survey Course. First term. Credit three hours. ———.]
Not given in 1928-29.

This course is adapted to meet the needs of students in other colleges who desire a general knowledge of clothing selection and design. Laboratory practice includes machine sewing, the use of commercial patterns, and the modeling of patterns. Students provide all dress materials, subject to the approval of the instructor. Estimated cost of dress materials, from \$15 to \$25. Laboratory fee, \$5.

10. Clothing for Children. First or second term. Credit two or three hours. For three hours credit, lecture of Clothing 5 is required. Prerequisite, Clothing 3 and Household Art 1. First term: lecture, M 9, Rooms 300 and 310; practice, T Th 8-10, one section, Room 300. Second term: lecture, T 10, Rooms 300 and 310; practice, T Th 11-1, one section, Room 300. Assistant Professor SCOTT.

Principles underlying selection, care, construction, and alteration of clothing for children, with consideration of the child's need for activity, his comfort and well-being, his preferences in color, texture, and design, and his capacities for independent habits in dressing himself.

A critical study will be made of available footwear and ready-made garments for children. Estimated cost of materials, \$5. Laboratory fee, \$5.

15. Constructive Costume Design. First or second term. Credit three hours. Should be taken in the sophomore year. Prerequisite, Clothing 3 and 5, or 3 and 10 (three hours), and Household Art 1. Prerequisite or parallel course, Household Art 11. First term: lecture, T 11, Room 100; practice, T Th 8-10.30, one section, Room 305; T Th 2-4.30, one section, Room 305. Second term: lecture, F 9, Room 100; practice, M W 8-10.30, one section, Room 305; T Th 8-10.30, one section, Room 305; T Th 2-4.30, one section, Room 305. Acting Assistant Professor BRASIE and Assistant Professor SCOTT.

This course applies the principles of color and design to the modeling of clothing. Preliminary sketches are made in pencil and in water color and are carried out by means of modeling on the dress form. A comparative study is made of books and publications dealing with design, with a view to evaluating them as a means of enriching the background of the clothing teacher. Students provide all materials, subject to the approval of the instructors. Estimated cost of materials, \$10. Laboratory fee, \$5.

20. Clothing Selection: Millinery. First or second term. Credit three hours. Advised for general teachers. Should be taken during the second term of the sophomore year or during the junior year. Prerequisite, Clothing 3 and 5, or their equivalents, or 3 and 10 (three hours), and Household Art 1. First term: practice, M W F 2-4.30, one section; T Th 2-4.30, S 8-10.30, one section, Room 310. Second term: practice, M W F 10.30-1, one section; M W F 2-4.30, one section, Room 310. Miss LESKE.

This course develops the fundamental processes in millinery construction. The course includes design in elastic, net, paper, willow, and wire. Opportunity is

given for practice in the various methods of covering frames and adapting trimming to the completed model. Emphasis is placed on the selection of hats from the standpoint of suitability and becomingness to the wearer. Students provide all hat materials, subject to the approval of the instructor. Estimated cost of materials, from \$10 to \$15. Laboratory fee, \$5.

51. Hotel Textiles. First or second term. Credit two hours. First term: lecture, W 8, Room 310; practice, F 8-10, Room 310. Second term: lecture, W 8, Room 310; practice, F 8-10, Room 310. Professor BLACKMORE.

This course includes an intensive study of fabrics used in hotels. A brief study will be made of their selection, use, and distribution in hotels. Estimated cost of materials, \$3. Laboratory fee, \$5.

55. Household Textiles, Selection and Care. Second term. Credit two hours. Elective for juniors and seniors. Prerequisite, one term of college chemistry and either high school or college physics. Lecture, W 11, Room 400; practice, F 11-1, Room 400. Acting Assistant Professor ROBINSON and Professor BLACKMORE.

This course includes a study of the selection, use, and care of textile fabrics used in the home, and the selection, use, and care of the equipment and supplies necessary for the household laundry. Laboratory fee, \$5.

103. Principles and Practice in Clothing Construction and Design and in Textile Selection; Shop Practice. First or second term. Credit four hours. Should be taken by juniors. Required of teachers and extension students. Prerequisite, Clothing 3, 5, or 10, (three hours), and 15, and Household Art I and 11. First term: lecture, Th 11, Room 100; practice, M W F 2-4.30, one section, Room 305; M W F 8-10.30, one section, Room 305. Second term: lecture, M 9, Room 100; practice, M W F 2-4.30, one section, Room 305. Acting Assistant Professor BRASIE, Assistant Professor SCOTT, Mrs. McILROY, and Miss BROOKINS.

The application of design to dressmaking and the technique of costume construction are emphasized. Problems are presented from the standpoint of the organization of subject matter for teaching purposes. Laboratory practice includes the construction of garments, the carrying on of projects, and the making of a dress for a high-school student. The lectures include discussions on dress design, applied design in dress decoration and textiles, and a study of objective tests in the clothing side of home economics. Students provide all materials, except those used for garments for high-school students, subject to the approval of the instructors. One laboratory period each week is spent in the Costume Shop. Laboratory fee, \$5 a term.

115. Commercial Clothing Construction. First or second term. Credit three, four, or five hours. Not less than three hours may be taken by students registering in this course for the first time. Prerequisite, Clothing 3, 5, or 10 (three hours), and 15 and 103, and Household Art I and 11. Conference hour, Th 12. Laboratory practice, by arrangement at time of registration. Costume Shop. Mrs. McILROY and Miss BROOKINS.

Students are directed by instructors experienced in commercial work. Dress-making problems in designing, construction, fitting, and finishing are considered. A shop with paid workers is maintained, and the students are given experience in meeting customers, in shopping, and in shop organization. Students specializing in clothing will be given an opportunity to make a trip to New York City, to visit shops and openings, the second week in March, if six students register for the trip. Probable cost of trip, from \$50 to \$75. Laboratory fee, \$1 for each credit hour taken.

[175. Clothing Costs. First or second term. Credit two hours. Should be taken by juniors or seniors the second term. Prerequisite, Economics I, or Household Management 140, and Textiles and Clothing 103, or its equivalent. Miss ———.] Not given in 1928-29.

This course deals with study of clothing costs for different family and occupational groups. Data are assembled on clothing costs. Studies are made of comparative costs of ready-made garments and garments produced by other means, with a view of evaluating clothing expenditures. Laboratory fee, \$3.

[190. Merchandise Selection. First or second term. Credit two hours. Prerequisite, Textiles and Clothing 103. Miss ———.] Not given in 1928-29.

This course emphasizes the underlying principles of color and design with reference to the selection of textile merchandise. Training is given in the judgment of merchandise through comparison shopping. The methods of collecting merchandise information are discussed. A study will be made of the methods of giving merchandise information in stores and of training salespeople in the appreciation of merchandise. Estimated cost of materials, \$5. Laboratory fee, \$5.

HOUSEHOLD ART

I. Color and Design. First or second term. Credit three hours. Should be taken in the freshman year. Required of all students in home economics. First term: lecture, F 10, Rooms 100 and 415; practice, T Th 11-1; one section, Room 415; W F 8-10, one section, Room 415; W F 11-1, two sections, Rooms 400 and 415; Th S 8-10, one section, Room 400. Second term: lecture, W 10, Rooms 245 and 400; practice, T Th 2-4, one section, Room 400; W F 8-10, one section, Room 400; Th S 8-10, one section, Room 400. Assistant Professor ERWAY and Acting Assistant Professor BARNARD.

A course intended to give the student an understanding of the elementary principles of color and design. The work includes experiments with water colors, dyes, and fabrics. Practical applications are made to problems in everyday life. Estimated cost of material, from \$7 to \$10. Laboratory fee, \$5.

II. Clothing Design. First or second term. Credit two hours. Should be taken in the sophomore year. Required for general and clothing teachers. Prerequisite, Clothing 3 and 5, or 3 and 10 (three hours), and Household Art I. First term: practice, M W 2-4.30, one section, Room 415; F 2-4.30, S 8-10.30, one section, Room 415. Second term: practice, T Th 8-10.30, one section, Room 415; F 2-4.30, S 8-10.30, one section, Room 415. Assistant Professor ERWAY.

A course dealing with color and design as applied to clothing. Laboratory fee, \$5.

25. House Planning. Second term. Credit two hours. Practice, M W 8-10.30, one section, Room 415. Assistant Professor MORIN.

A study of the arrangement of dwellings from the standpoint of economy, convenience, and design. Laboratory fee, \$1.

31. Home Decoration and Furnishing. First or second term. Credit three hours. Required for teachers. Should be taken in the junior year. Prerequisite, Household Art I. First term: lecture, W 10, Room 245; practice, T Th 8-10.30, one section; T Th 2-4.30, one section, Room 415. Second term: lecture W 12, Room 245; practice, M W 2-4.30, one section; T Th 10.30-1, one section; Room 415. Professor WARNER.

A course dealing primarily with the decoration and furnishing of the house. The object of the work is to develop good judgment and taste in the selection and arrangement of house furnishing, to the end that students may learn to express themselves in their environment. Laboratory fee, \$5.

35. Decoration and Furnishing. Second term. Credit three hours. Open to students registering in hotel administration. Should be taken in the junior year. Prerequisite, Drawing 2. Practice, hours to be arranged. Professor WARNER.

A course dealing with the essentials of decoration and furnishing applied to problems in the hotel industry. In connection with this course a trip to Syracuse or other near-by cities will be required of every member of the class. Laboratory fee, \$5.

III. Advanced Design. Second term. Credit two hours. Prerequisite, Household Art I and 31. Practice, T Th 10-1. Room 400. Assistant Professor ERWAY.

This course is open to students who have talent or a special inclination to continue the work in design. The nature of the problems will be determined by the needs of the students and by the possibilities for practical application that may develop. Laboratory fee, \$5.

HOUSEHOLD MANAGEMENT

12. Mechanics of the Home. First or second term. Credit two hours. Prerequisite, one term of college chemistry and either high school or college physics. Required of all students in home economics. Should be taken in the freshman or sophomore year. First term: lecture, S 10, Room 245; practice, T W or Th 2-4.30, Room 400; Second term, lecture, S 11, Room 245; practice T W or Th 2-4.30, Room 400. Acting Assistant Professor ROBINSON.

This course includes a study of household equipment from the standpoints of its selection, use, and care. Laboratory fee, \$3.

120. Problems in Home Management. First or second term. Credit two hours. Prerequisite, Economics 1. Required of seniors in home economics. Lectures: first term, T Th 11, Room 245; second term, T Th 11, Room 100. Acting Assistant Professor ROBINSON.

A study is made of the needs of the family which must be considered in the management of the home. With these needs in view consideration is given to the arrangement of the service rooms, location of equipment, scheduling of time, time and motion studies, economic comparisons of different methods.

126. House Practice, Laboratory Course. First or second term. Credit three hours. Required of all seniors in home economics, except those in hotel management. Practice consists of five consecutive weeks in the practice house, time to be arranged. Should be taken by prospective teachers, together with Clothing 115, and Rural Education 136. Should be taken by prospective institution managers, with Institution Management 111. Assistant Professor FENTON and Miss CALLAN.

This course furnishes an opportunity for the student to test her ability to apply theoretical knowledge in solving household problems and to receive instruction in infant care and feeding. Laboratory fee, \$35 including room and board for five weeks in the practice house.

130. Distribution of Family Income and Expenditure in the United States. Throughout the year. Credit two hours a term. Prerequisite, Economics 1. Required of seniors in home economics. Lectures: T Th 9, Room 245; W F 11, Room 100; and T Th 12, Room 100. Assistant Professor LACEY.

A study of economic problems in their relation to the home; source and division of the income; standards of living and their economic implications; personal and household budgets; savings and their use.

140. The Place of the Household in the Economic Organization of Society. First and second terms. Credit three hours a term. Open to juniors. Limited to twenty-five students. Lectures: first term, M W F 9, Room 100; second term, M W F 10, Room 100. Assistant Professor LACEY.

Interrelationships between the economic activities carried on outside the household and those centered within the household. Laboratory fee, \$2.50 a term.

Household Bacteriology. See Bacteriology 2.

Household Mechanics. See Rural Engineering 10.

250. Seminar in Economic Problems of the Consumer. Throughout the year. For graduate students and approved seniors. Credit three hours a term. Hours to be arranged. Assistant Professor LACEY.

Special work in economic problems as they affect the home.

INSTITUTION MANAGEMENT

101. Institution Practice. First or second term. Credit three hours. Required of all students specializing in institution management or dietetics. Must be taken in the junior year. Should not be taken with Household Management 126. Class limited to eighteen students, two divisions of nine each. Lecture and discussion, S 8, Room 100. Practice, M W F 11.30-1.30, T Th S 11.30-1.30. Cafeteria. First term, Miss HOPKINS. Second term, Assistant Professor HARRIS.

Discussion of types of institutions, menus, service, and office. Practice work in counter service and supply, office and storeroom work.

102. Institution Management. Second term. Credit two hours. Must be taken in the senior year. Required of all students specializing in institution

management or in dietetics. Prerequisite, Institution Management 101. Lectures and discussions, T 2-4. Room 100. Assistant Professor HARRIS.

A study of management problems such as organization, labor, the physical plant equipment, and administration.

The class will be given an opportunity to take a trip to New York City in the spring term, to visit markets, kitchens, and institutions. Probable cost of trip, \$75.

111. Marketing and Large-Quantity Cookery. First or second term. Credit five hours. Must be taken in the senior year and blocked with Household Management 126. Blocks to be arranged at time of registration. Required of all students specializing in institution management or dietetics. Prerequisite, Institution Management 101. Class limited to eighteen students. Lecture and discussion, S 9-11, Room 100. Practice, M W F 8-12, Cafeteria. First term, Assistant Professor HARRIS and Miss HOPKINS; second term, Misses HOPKINS and BETTEN.

Laboratory work in large-quantity cooking in cafeteria kitchen, with discussion and explanation periods to provide an opportunity to review principles and discuss procedures. Lectures and discussions on the problems of marketing and buying in large quantities; the principles underlying the purchase of foods; production, grading, and distribution of various classes of foods; methods of purchase and of storage. Laboratory fee, \$15.

HOTEL STEWARDING

115. Hotel Cookery. First or second term. Credit three hours. Required of sophomores in Hotel Administration. Registration limited to fourteen students. Practice, T Th 8-12. Cafeteria. First term: Assistant Professor HARRIS; second term, Miss HOPKINS.

Laboratories consist of actual large-quantity cooking in the cafeteria kitchen, the preparation, on a commercial basis, of meals for several hundred patrons. The laboratories are supplemented by discussion and explanation periods to provide an opportunity to review principles and discuss procedures. Laboratory fee, \$15.

118. Hotel Stewarding. Second term. Credit one hour. Open to juniors and seniors. Hours to be arranged. Mr. KIEF.

HOTEL ADMINISTRATION

52. Elementary Hotel Organization. Second term. Credit two hours. Open to freshmen. Lecture (in conjunction with 155) F 2-4. Caldwell 143. Recitation M 10. Room 245. Professor MEEK and others.

Continues the orientation course, preparing the new student further for his prospective summer's hotel work by a consideration of hotel procedure, etiquette, and form. Supplements the lectures of Hotel Administration 155 by discussion and recitation. Book and news reviews.

151. Hotel Organization. First term. Credit two hours. Prerequisite, Economics 1, Hotel Accounting 82, and hotel experience. Open to sophomores by permission. Required of juniors. Lectures and discussions, W F 9. Room 245. Professor MEEK.

A study of the usual forms of organization of hotel staffs, parallel with a study of the fundamental principles of efficient organization in general. A course designed to develop administrative technique through the analysis of actual organizations.

In connection with this course a trip to New York City will be organized to attend the meetings of the New York State Hotel Association, to attend the National Hotel Exposition, and to make a tour of metropolitan hotels. Attendance on all the assigned meetings and tours of this trip will be required of every member of the class. The necessary expenses in connection with the trip will probably be about \$60.

152. Hotel Operation. Second term. Credit two hours. Prerequisite, Economics 1, Hotel Accounting 82 and hotel experience. Open to sophomores by

permission. Required of juniors. Lectures and discussions, W F 9, Roberts, 292. Professor MEEK.

A study of the more important and fundamental problems of hotel operation, including among others the problems of location, rates, appraisal, finance, and advertising. A course designed to familiarize the student with these problems and their current solutions, and to develop the ability to solve similar problems in the light of general principles. Analyses of specific problems will be made for the purpose of determining operating policies.

153. Special Hotel Problems. First term. Credit two hours. Prerequisite, Institution Management 151 and 152. Open to a limited number of students in hotel administration. Those wishing to register should consult the instructor during the preceding semester to obtain permission to enroll and to confer regarding problems chosen for special study. Hours to be arranged. Professor MEEK.

A seminar course devoted to the study of special problems arising in the management of hotels.

155. Lectures on Hotel Management. Second term. Credit one hour. Open to all classes. Lecture and discussion, F 2-4. Caldwell 100. A series of lectures given by non-resident speakers prominent in the hotel and allied fields. Under the direction of Professor MEEK.

171. Law as Related to Innkeeping. Second term. Credit three hours. Open to juniors and seniors. M W F 8. Room 100. Mr. TREMAN.

An elementary course on law with special reference to the problems of the hotel man.

176. Personnel Management. Second term. Credit two hours. Open to juniors and seniors. Hours to be arranged. Mr. ———.

A course designed to acquaint the student with modern personnel practice and to give a basis of evaluating current hotel personnel practice.

HOTEL ACCOUNTING

81. Accounting. First term. Credit three hours. Required of freshmen. Lecture, T 9. Caldwell 143. Laboratory, M 2-5 or Th 2-5 and Th 8-10 or S 8-10. Dairy Building 412. Mr. COURTNEY.

The fundamental principles of accounting. The balance sheet, the profit and loss statement, the books necessary to maintain a system of accounting. Specialized journals.

82. Accounting. Second term. Credit three hours. Prerequisite, Hotel Accounting 81. Required of freshmen. Lecture, T 9. Caldwell 143. Laboratory, M 2-5 or Th 2-5, Th 8-10 or S 8-10. Dairy Building 412. Mr. COURTNEY.

A continuation of Hotel Accounting 81, concerning itself with partnership, corporation, control, accounts, purchasing, and stock control. Balance sheet valuation with a view to correlating the underlying principles of the accepted procedure of general accounting with the specialized applications to the hotel field discussed later in Hotel Accounting 181 and 182.

181. Hotel Accounting. First term. Credit two hours. Prerequisite, Hotel Accounting 81 and 82. Required of sophomores. Lecture M 9. Room 245. Laboratory, T or W 2-5. Dairy Building 412. Mr. COURTNEY.

Hotel accounting and control of income. Special methods for controlling room and food income. Relation of accounting procedure to front office practice. The specialized journals used in hotels. The transcript, the controller's report, the summary entries at the end of the month, the adjusting and closing entries, and the final closing of the books.

182. Hotel Accounting. Second term. Credit two hours. Prerequisite, Hotel Accounting 181. Required of sophomores. Lecture, M 9. Roberts 292. Laboratory, T or W 2-5. Dairy Building 412. Mr. COURTNEY.

A continuation of Hotel Accounting 181. Preparation of profit and loss statement and balance sheets with supporting schedules. The uniform system of accounts for hotels as recommended by the Hotel Association of New York City. Classification of expenses. Stock control. Receiving and purchase record. The purchase journal. The pay roll. Petty cash disbursements. Depreciation. The asset accounts.

183. Hotel Accounting, Advanced. First term. Credit two hours. Required of juniors. Prerequisite Hotel Accounting 182. Lecture, F 2. Laboratory, S 9-12. Cornell Countryman Building. Messrs. TOTH and COURTNEY.

Special forms of the general ledger, private ledger, valuation of assets of the hotel, depreciation rates, appraised values, liability accounts, reserves, earned surplus and capital surplus. Internal control balance-sheet audits, detailed audits, monthly audits, preparation of income-tax returns. Principles of food control, sales and cost analysis, preparation of food-cost reports.

185. Hotel Accounting Problems. First term. Credit two hours. Prerequisite Hotel Accounting 182. Should be taken with or after Hotel Accounting 183. F 3-5. Dairy Building 412. Mr. TOTH.

Incorporating the hotel owning and operating companies. Financing bond issues and discounts. Accounting provisions in hotel leases and management contracts. Installation of new-hotel accounting systems.

186. Interpretation of Hotel Financial Statements. First term. Credit two hours. Prerequisite Hotel Accounting 183. Friday 9-12. Dairy Building 412. Mr. TOTH.

Study and discussion of hotel balance sheets and profit and loss statements. Balance sheet and operating ratios of representative hotels.

[188. Front Office Practice. Second term. Credit one hour. Open to juniors and seniors, and to lower classmen by permission. Alternate Mondays 2-4. Cornell Countryman Building. Professor MEEK assisted by Messrs. READY and DE SAUSSURE.] Not given in 1928-29.

FAMILY LIFE

[III. The Family. Second term. Credit two hours. For seniors, and others by permission. Professor VAN RENSSLAER.] Not given in 1928-29.

This course embraces a study of modern social and economic problems of the family. It treats of survivals of various characteristics governing family life; the work of women and their industrial and economic conditions are studied with reference to the home and to society.

101. Principles in Child Guidance, Elementary Course. First or second term. Credit three hours. Prerequisite, Rural Education 111. Prerequisite or parallel, Rural Education 116. Required of teachers and extension workers. Should be taken second term of junior year. Lectures and discussion: first term, T Th 8, Room 100; second term, W F 9, Room 245. Two hours observation weekly in the laboratory. Time to be arranged with instructor during registration. Professors WARING and FOWLER.

The prerequisites provide knowledge of psychological principles. This course undertakes to train students to recognize these principles at work in the behavior of children and of adults with children; to evaluate them according to their effect in directing the growth of personality traits; and to select for any occasion the principle most significant in that particular situation.

The lectures and discussion are organized around the hours of directed observation in the Nursery School as a laboratory. Laboratory fee, \$5.

105. Principles in Child Guidance, Advanced Course. First term. Credit three hours. Prerequisite, Family Life 101. Advised for teachers and extension workers. Should be taken in the senior year. Lectures and discussion, W F 8, Room 100. Observation in laboratory. Time to be arranged by instructor as needed. Professor WARING.

Critical study of the principles and procedures in child guidance; checking them with findings from current scientific authorities; applying them to a study of behavior problems and their correction; collecting for critical study procedures advocated by current writers on child guidance. Laboratory fee, \$5.

107. Home and Pre-school Environment in Child Guidance. Second term. Credit three hours. Prerequisite, Family Life 101. Advised for teachers and extension workers. Should be taken in the senior year. Lectures and discussion, T Th 8, Room 100. Two hours observation weekly in the Nursery School and the home. Time to be arranged with instructor during registration. Professor FOWLER.

Principles underlying the selection, care, and use of materials and equipment for pre-school children in home, nursery, or kindergarten, evaluation and constant readjustment of this environmental equipment by adults as determined by the child's response to it.

Consideration will be given to such material elements in the child's environment as toys, books, pictures, plastic materials, paint, tools, and nature materials, and the child's response to these. Laboratory fee, \$5.

125a. Infant Hygiene. First or second term. Credit one hour. Advised for teachers and extension workers. Should be taken in the junior year. Lecture: first term, T 10, Room 100; second term, T 11, Room 245.

This course is concerned with the indication of health in the baby, his care, and some of the hygienic measures which give maximum protection from some of the defects and diseases of babyhood.

125b. Child Hygiene. First or second term. Credit one hour. Open to juniors and seniors. May follow or accompany Family Life 125a. Lecture: first term, Th 10; second term, Th 11. Nursery School.

This course is concerned with the indications of health in the pre-school child, giving the student a fundamental knowledge of the factors making for positive health, of the common diseases, physical defects, and disturbances which should have medical attention; and of the relation of child health and hygiene to the other trends making for better children.

215. Research in Child Behavior and Child Guidance. First and second terms. Credit two or four hours. Prerequisite, Family Life 105. Open to graduate students only. Nursery School. Professor WARING.

Class discussion of the factors involved in controlling a situation for scientific experimentation and in safeguarding children from exploitation: some practice in reporting on a selected bibliography and in searching out additional articles.

Report of research problems of graduate students and discussions of the values of the matters investigated, the procedures of investigation, and the limited findings in the light of experimentation to date.

EXTENSION

[100. Home Economics Extension. First and second terms. First term: credit three hours. Second term: credit one hour.* Open to seniors. First term: lecture, W 12; practice, W F 2-4.30. Room 100. Second term: practice, F 2-4.30. Room 100. Assistant Professor MORTON.] Not given in 1928-29.

This course is designed for those who wish to specialize in the extension field of home economics. It includes the study of home-economics extension from the standpoint of administration, organization, and subject matter.

SPECIAL PROBLEMS

150. Special Problems. First and second terms. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students by special consent. Prerequisite, a fundamental knowledge of home economics. Instruction by members of the staff.

A course intended for the development of the individual student in particular lines of work. It includes not only the acquisition and discussion of subject matter, but also consideration of the logical organization of subject matter by teachers and extension workers, and the proper presentation of findings by research workers. Fee determined by the problems.

EXTENSION WORK

Extension work in home economics at the New York State College of Home Economics is designed to help residents of New York State in their home problems

*In the second term the course is supplemented by Rural Education 138, given by Professor Eaton, for two hours credit. Prerequisite, Rural Education 111 or its equivalent. This course constitutes a study, with practice, of methods of teaching appropriate to the work of home demonstration agents and junior club agents. (See Rural Education 138.)

and is done in cooperation with the county home bureaus, working through a county home demonstration agent. The College offers correspondence service relative to homemaking subjects, as well as a limited number of addresses given by members of the resident and extension staffs of the College of Home Economics. For further information, address the State Leader of Home Economics Extension, New York State College of Home Economics, Ithaca, New York.

SUMMER SCHOOL

Courses in Home Economics are offered in the six-weeks summer session, beginning early in July. For information concerning the summer courses, address the Secretary of the New York State Colleges of Agriculture and Home Economics, Ithaca, New York.

COURSES IN OTHER COLLEGES WHICH MEET THE SPECIFIC REQUIREMENTS OF REGULAR STUDENTS IN THE COLLEGE OF HOME ECONOMICS*

20. Animal Husbandry: Meat and Meat Products. First or second term. Credit three hours. Registration limited to forty students. Laboratory assignment must be made at the time of registration. Lecture, M 8. Two laboratory periods a week, M T or W 2-4.30, and W 8-10.30 or S 8-10.30. Animal Husbandry Building and Meat Laboratory. Mr. SCHUTT.

One required inspection trip to Buffalo and vicinity.

2. Bacteriology: Elementary Bacteriology. Second term. Credit three hours. Prerequisite, Chemistry 101. Lectures, recitations, and laboratory practice, T Th 8-11 or T Th 2-5, Dairy Building 119 and 301. Assistant Professor STARK and Mrs. STARK.

A general elementary course adapted to the needs of students in home economics. Laboratory fee, \$10.

1. General Biology. Throughout the year. Credit three hours a term. First term prerequisite to second. Not open to students who have had college courses in zoology and botany. Lectures, M W 9 or 11. East Roberts 222. One practice period a week. Professor CLAASSEN, Mr. WOLF, and assistants.

Students must report to the Biology office, Roberts 322, for assignment to laboratory sections at the time of registration. Laboratory fee, \$3.50 a term.

1. Introductory Zoology. First and second terms. Credit three hours a term. Two lectures and one laboratory period weekly. Lectures: section 1, T Th 9; section 2, T Th 11. Goldwin Smith B. Laboratory, M T W or F 2-4.30, or S 8-10.30. McGraw 2. Professor REED, and Misses MEKEEL, McMULLEN, and PHELPS.

Registration with the department before instruction begins is necessary for the assignment of laboratory and lecture sections.

303. Biology: Applied Physiology. First term. Credit three hours. M W F 10. Stimson 4. Assistant Professor DYE and assistants.

314. Biology: Elementary Biochemistry. First term. Credit three hours. Prerequisite, Chemistry 375 or the equivalent. Lectures, M W 12. Conferences, F 12. Stimson 4. Assistant Professor SUMNER and Messrs. HAND and KIRK.

314a. Biology: Laboratory Work in Biochemistry. First term. Credit two hours. Prerequisite or parallel, Animal Biology 314. M W 2-5. Stimson 34. Assistant Professor SUMNER and Messrs. HAND and KIRK.

1. Botany: General Botany. Throughout the year. Credit three hours a term. Lectures, T Th 9 or 11. East Roberts 222. Laboratory, one period of two and one-half hours. Stone. Assignment to sections must be made at the time of registration. Professor PETRY, Mr. BURKHOLDER, Miss GORDON, and Messrs. DE FRANCE, LAUBENGAYER, and others. Laboratory fee, \$3.50 a term.

*Descriptions of these courses may be found in the catalogues of the Colleges in which they are given.

Both terms of the course must be completed to obtain credit, unless a student is excused by the department.

101. Chemistry: Introductory Inorganic. Repeated in the second term. Credit three hours. Lectures, T Th S 11, M W F 11, Baker, Main Lecture Room. Professor BROWNE and Assistant Professor LAUBENGAYER.

Examinations for those who were unavoidably absent from the final examination in Chemistry 101 and 105 will be held at 2 p.m. on the day before instruction begins in the fall.

105. Chemistry: Introductory Inorganic. Recitations and laboratory practice repeated in the second term. Credit three hours. Recitations, one hour per week to be arranged. Laboratory sections: M F 2-4.30, T Th 2-4.30, W 2-4.30, S 8-10.30. Room 150. Professor BROWNE, Assistant Professor LAUBENGAYER, and assistants.

Chemistry 101 and 105 must be taken simultaneously unless permission has been obtained by the student from the Dean of his College and from the Department of Chemistry to take either course alone.

210. Chemistry: Introductory Qualitative Analysis. Shorter course. Repeated in the second term. Credit three hours. Prerequisite, Chemistry 101 and 105. Lecture, T 12. Baker 207. Laboratory sections, T Th 8-10.30, T Th 2-4.30. Baker 50. Mr. MURRAY and assistants.

225. Chemistry: Introductory Quantitative Analysis. Shorter course. Repeated in the second term. Credit three hours. Prerequisite or parallel, Chemistry 210. Lecture, Th 12. Baker 207. Laboratory sections, T Th 8-10.30, T Th 9-11.30, M W 2-4.30, T Th 2-4.30. Baker 252. Mr. HOSKING and assistants.

375. Chemistry: Elementary Organic. First term, lectures and written reviews only, four hours credit; with laboratory practice, five or six hours credit. Prerequisite, Chemistry 210 and 225, or 205, 206, 220, and 221. Open to those who are taking course 220. Lectures and written reviews, M W F S 12. Baker, Main Lecture Room. Laboratory section and oral reviews, M W 2-4.30. Laboratory conference, M 12. Baker 250. Assistant Professor J. R. JOHNSON, Dr. BEACH, and assistants.

880. Chemistry: Elementary Chemistry of Food Products. Second term. Credit two hours. Prerequisite, Chemistry 101. W F 10. Baker 377. Mr. MISCALL.

2. Drawing: Mechanical Drawing. First term. Credit three hours. Open only to students in hotel administration and required of them. Lectures during laboratory periods. Laboratory, T 2-4.30 and S 8-10.30. Additional practice periods to be arranged to suit the schedule of the student. Dairy Building, Fourth Floor. Assistant Professor REYNA.

Work will begin with the first laboratory period. Students must apply at Roberts Assembly on registering with the department regarding materials required.

1. Economics: Modern Economic Society. Repeated in second term. Credit five hours. Daily except S, 8, 9, 10, 11, 12. Professor SLICHTER.

In the first term the enrollment will be limited. Students should register, if possible, on the first day of registration. Assignment to sections will be made on registration days at Goldwin Smith 260.

2a. Economics: Modern Economic Society. First term. Credit three hours. M W F 8, 9, 11; T Th S 8, 9, 11. Professor SLICHTER.

Courses 2a and 2b have the same content as course 1. Enrollment will be limited, and students should register, if possible, on the first day of registration. Assignment to sections will be made on registration days in Goldwin Smith 260.

2b. Economics: Modern Economic Society. Second term. Credit three hours. Prerequisite, course 2a. M W F 8, 9, 11; T Th S 8, 9, 11. Professor SLICHTER.

11. Economics: Money and Banking. Repeated in second term. Credit five hours. Prerequisite, Economics 1 or its equivalent. Daily except S, 10. Goldwin Smith 142. Professor REED.

2. Education: Principles of Secondary Education. Second term. Credit three hours. Prerequisite, Education I. Section I: M W F 2. Professor JORDAN. Section II: T Th S 12. Goldwin Smith 234. Dr. FREEMAN.

13. Education: History of American Education. First or second term. Credit three hours. Prerequisite, Education I or its equivalent. T Th S 10. Goldwin Smith 128. Dr. BRUCE.

1. English: Elementary Composition and Literature. Throughout the year. Credit three hours a term. M W F 8, 9, 10, 11, 12, and T Th S 8, 9, 11, 12. Rooms to be announced. Messrs. BALDWIN, JOHNSON, ELSON, AINSWORTH, BISSELL, BUCHANAN, and WALZ.

This course is designed for underclassmen in Architecture, Agriculture, and Chemistry, who have satisfactorily passed the entrance requirements in English. Students who have not taken the course in the first term may enter in the second term in sections provided for them.

Registration in the course is in charge of Mr. Baldwin. Students who elect English I must apply at Roberts 292 on Monday, Tuesday, or Wednesday of registration week, for assignment to sections.

15. Extension Teaching: Agricultural Journalism. First term. Credit three hours. Open only to those who have passed the required hours in English with an average grade of C, or better. T Th S 10. Fernow 122. Professor BRISTOW ADAMS.

1. French, Elementary Course. Throughout the year. Credit six hours on completion of the course; upperclassmen, four hours. M W F 12, T Th S 8.

The course is continuous throughout the year and no credit is allowed for the first term alone. Students with first year entrance French should enter the course the second term.

1. Hygiene. First term. Credit one hour. One lecture recitation each week with preliminary examination and final. The use of a textbook will be required.

Sections for men: M 9, 10, 11, 12; T 9, 11, 12; W 8, 9, 10, 11, 12; Th 8, 9, 11, 12; F 8, 11; S 8, 9, 10, 12. Assistant Professors SMILEY, GOULD, and SHOWACRE, and Doctors ROBINSON and YORK.

Sections for women: M 8, T 8, 10; Th 10, 2; F 9, 2; S 11. Assistant Professor EVANS and Doctors FULTON and GWIN.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

2. Hygiene. Second term. Credit one hour. One lecture recitation each week with preliminary examination and final. The use of a textbook will be required.

Sections for men: M 9, 11, 12; T 9, 11, 12; W 8, 9, 11, 12; Th 9, 11, 12; F 8, 11; S 8, 9, 10, 12. Assistant Professors SMILEY, GOULD, and SHOWACRE, and Doctors ROBINSON and YORK.

Sections for women: M 8; T 8, 10; Th 10, 2; F 9, 2; S 11. Assistant Professor EVANS and Doctors FULTON and GWIN.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

3. Physics: Introductory Experimental Physics. First term. Credit three hours. Lectures, W F 9 or W F 11. Rockefeller A. Assistant Professor HOWE. Laboratory, one two-hour period a week, to be arranged. Rockefeller 220. Messrs. BARNES, CARR, GOLDSMITH, HIRSH, MARCHANT, MORELL, NELSON, TEEPLE, THEN, and WHITE.

Courses 3 and 4 form a continuous first course.

4. Physics: Introductory Experimental Physics. Second term. Credit three hours. Lectures, W F 9 or W F 11, Rockefeller A. Assistant Professor HOWE. Laboratory, one two-hour period a week, to be arranged. Rockefeller 220. Messrs. BARNES, CARR, GOLDSMITH, HIRSH, MARCHANT, MORELL, NELSON, TEEPLE, THEN, and WHITE.

III. Rural Education: Psychology for Students of Education. First or second term. Credit four hours. Open to juniors and seniors. First term: Section 1, lectures, M W F 11, Caldwell 143; laboratory, T 2-4.30, Caldwell 282. Section 2, lectures, M W F 11, Countryman Building; laboratory, W 2-4.30, Caldwell 282.

Section 3, lectures, M W F 9, Caldwell 143; laboratory, Th 2-4.30, Caldwell 282. Second term: Section 1, lectures, M W F 11, Caldwell 143; laboratory W 2-4.30, Caldwell 282. Section 2, lectures, M W F 8, Caldwell 100; laboratory, Th 2-4.30, Caldwell 282. Professor KRUSE, Assistant Professor BAYNE, and Mr. WINSOR.

114. Rural Education: Psychology for Students of Hotel Administration. Second term. Credit four hours. Open to juniors and seniors. Required. Lectures, M W F 10. Caldwell 143. Laboratory, Th 2-4.30. Home Economics Building 310. Assistant Professor UHRBROCK.

116. Rural Education: Psychology for Students of Child Training. Second term. Credit two hours. Open only to students who have had course 111. Lectures, T Th 11. Caldwell 100. Professor KRUSE.

135. Rural Education: The Teaching of Home Economics in the High School. Second term. Credit three hours. Prerequisite, Rural Education 111 or its equivalent. Rural Education 181 should precede or parallel it. Should be taken by juniors. Lectures, T Th 8. Laboratory, T or Th 2-4.30. Caldwell 100. Professor ———.

136. Rural Education: Directed Teaching in Home Economics. First or second term. Credit two or three hours, amount to be determined by work done. Open to students preparing to teach home economics. Students planning to take this course should arrange with the department during the junior year. General conferences, S 8-10. Caldwell 282. Professor ——— and Misses BULL and HASTIE.

A week-end trip for the purpose of studying equipment is a part of the course.

[138. Rural Education: Methods of Extension Teaching in Home Economics. Second term. Credit two hours. Prerequisite, course 111 or its equivalent. Lecture, W 12; practice, W 2-4.30. Home Economics Building 100. Professor EATON. (See Extension 100, College of Home Economics.)] Not given in 1928-29.

A study, with practice, of methods of teaching appropriate to the work of home demonstration agents and junior club agents.

181. Rural Education: Principles of Education. Second term. Credit three hours. Open to juniors and seniors who have completed course 111. Students preparing to teach home economics should take this course. Section 1, M W F 11, Caldwell 100; section 2, M W F 8, Roberts 292. Professors FERRISS and MOORE.

A consideration of fundamental principles of education with special attention to the needs of prospective teachers in the high school.

10. Rural Engineering: Household Mechanics. Second term. Credit three hours. For women students. Lectures, T Th 12. Caldwell 143. Practice, Th 2-5, F 10-1, or F 2-5. Rural Engineering Laboratories. Professor ROBB. Laboratory fee, \$1.

161. Rural Engineering: Mechanism of Hotel Machines. First term. Credit four hours. Open to juniors. Prerequisite, Drawing 2 and Physics 3 and 4. Lectures and recitations, M W F 11. Roberts 292. Laboratory, to be assigned at time of registration, M T W or Th 2-5. East Roberts 1. Professor RANDOLPH. Laboratory fee, \$5.

162. Rural Engineering: Hotel Power Plants. Second term. Credit three hours. Open to juniors. Prerequisite, course 161. Lectures and recitations, M F 12. Roberts 392. Laboratory, M T or W 2-5. East Roberts 2. Professor RANDOLPH. Laboratory fee, \$5.

163. Rural Engineering: Hotel Auxiliary Equipment. First term. Credit three hours. Open to seniors. Prerequisite, course 161. Lectures and recitations, W F 8, Roberts 292. Laboratory, T or Th 2-5 or S 9-12. East Roberts 1. Professor RANDOLPH.

164. Rural Engineering: Hotel Engineering Problems. Second term. Credit three hours. Open to a limited number of seniors with the consent of the instructor. Prerequisite, courses 162 and 163. Class discussion, hours to be arranged. Professor RANDOLPH.

UNIVERSITY REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE, AND RELATED ELECTIVE COURSES

Hygiene and Preventive Medicine

All undergraduate students are required to present themselves to the Medical Advisers and receive a thorough confidential physical examination once a year. Appointments for this examination must be made during the regular registration days of the first term by all entering students and sophomores. Appointments for this examination must be made during the regular registration days of the second term by all juniors and seniors.

All freshmen are required to include Hygiene 1 and 2 in their schedules. Credit for these courses is counted under the twenty hours for electives mentioned on page 17.

The following courses may be elected for credit. All registrations at Hygiene office, Old Armory.

3. **Hygiene: Health Supervision of School Children.** Second term. Credit two hours. Open to sophomores, juniors, and seniors. Prerequisites, suggested but not demanded, Human Physiology and Anatomy. T Th 12. Anatomy Lecture Room, Stimson. Assistant Professor GOULD.

A practical course of lectures and demonstrations designed to familiarize the student with the facts and methods necessary for making an effective health supervision of school children.

4. **Hygiene: First Aid.** First term, repeated in second term. Credit one hour. Prerequisites, Hygiene 1 and 2. First term: Section 1, T 12, Anatomy Lecture Room, Stimson; Section 2, F 8, Goldwin Smith 236. Second term: Section 1, W 8, Section 2, S 8, Anatomy Lecture Room, Stimson. Assistant Professor SHOWACRE.

This course includes a discussion and practical demonstration of the main methods at hand for preventing accidents and for giving emergency treatment.

5. **Hygiene: Industrial Hygiene.** First term. Credit one hour. Prerequisites, Hygiene 1 and 2. Th 12. Anatomy Lecture Room, Stimson. Assistant Professor GOULD.

Factory, sanitation, ventilation, and illumination; occupational poisoning and disease; factory legislation; accident prevention; fatigue in industry; preventive medicine in the industries.

7. **Hygiene: Rural and Camp Hygiene.** Second term. Credit one hour. Prerequisites, Hygiene 1 and 2. W 12. Anatomy Lecture Room, Stimson. Assistant Professor SMILEY.

Effective methods for safeguarding health in rural communities and in camp.

8. **Hygiene: Mental Hygiene.** First term. Credit one hour. Prerequisites, Hygiene 1 and 2. T 2. Histology Lecture Room, Stimson. Dr. GWIN.

To acquaint the student with the more common mental and emotional mechanisms which underlie conduct and attitude, with the hope that the insight thus gained may be useful to the individual in the solution of his own behavior and adjustment problems. Little if any discussion of pathological types is attempted.

Military Science and Tactics, and Physical Training

1. **Practical and Theoretical Training.** Throughout the year. Every able-bodied male student a candidate for a baccalaureate degree, who is required to take five, six, seven, eight, or more terms in residence, or the equivalent in scholastic hours, must take, in addition to the scholastic requirements for the degree, one, two, three, or four terms, respectively, in the Department of Military Science and Tactics. Three hours a week, M T W or Th 2.15-5.15 p.m. New York State Drill Hall.

The requirements in military science and tactics 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 course of training is that prescribed by the War Department as basic for infantry and field-artillery units (as elected) of the Reserve Officers' Training Corps. The infantry includes instruction in physical training, disciplinary drills,

ceremonies, military courtesy, auxiliary weapons (machine guns, automatic rifles, 37-mm. guns, and trench mortars), indoor and outdoor rifle practice, pistol practice, topography and mapping, tent pitching and camp sanitation, signaling, field engineering, field maneuvers, interior guard duty, and fundamental principles in minor tactics and leadership. The field artillery includes instruction in organization of the battery, customs of the service, military courtesy and discipline, individual equipment, pistol practice, hippology, gunnery, signaling, physical training, equitation and horsemanship, topography and reconnaissance, and motors.

2. Elective Military Training. Throughout the year. Credit two hours a term. Hours by assignment. New York State Drill Hall.

This is the advanced course prescribed by the War Department for units of the Reserve Officers' Training Corps, and includes three hours each week in the performance of the duty of officer or non-commissioned officer with organizations undergoing the training given under course 1, and two hours each week of theoretical instruction in preparation for such duties. Prerequisite, course 1.

Course 2 may be elected only by permission of the Dean of the College and the Professor of Military Science and Tactics, and at least the first four hours of registration will be counted in the twenty elective hours allowed outside the College of Home Economics (page 17). To enjoy the benefits offered by the Federal Government, the student must agree to continue the course for four terms and to attend a summer camp having a duration of about six weeks.

1. Physical Training for Men Excused from Drill (Freshmen). Throughout the year, three periods a week. Class and squad work and prescribed exercises. Mr. O'CONNELL and assistants.

2. Physical Training for Men Excused from Drill (Sophomores). Throughout the year, three periods a week. Class and squad work and prescribed exercises. Mr. O'CONNELL and assistants.

3. Physical Training for Men (Juniors and Seniors). Building-up and corrective exercises, as prescribed by the medical examiners as a result of the physical examination required of all students in the University. Mr. BURKHOLDER.

4. Boxing, Wrestling, and Fencing. Instruction free, at hours to be arranged. Messrs. FALLON, O'CONNELL, and DARRIEULAT.

5. Swimming. Instruction, M T W Th F 4-6. Mr. WYNELL.

6. Physical Training for Women (Freshmen). Throughout the year, three periods a week. Misses BATEMAN, CANFIELD, DANIELS, READ, and WATERMAN.

7. Physical Training for Women (Sophomores). Throughout the year, three periods a week. Misses BATEMAN, CANFIELD, DANIELS, READ, and WATERMAN.

The work of the two years consists of outdoor games and exercises from the beginning of the year to Thanksgiving, and from the Easter vacation to the end of the year. From Thanksgiving to Easter, the work is in large part indoors and consists of floor exercises, folk, esthetic, and interpretative dancing, and indoor games, in all of which certain prescribed tests must be met at the end of each period.

For further information as to the required work in physical training, see the handbook issued by the department.

8. Physical Training for Women (Juniors and Seniors). Building-up and corrective exercises, as prescribed by the medical examiners as a result of the physical examination required of all students in the University. Miss DANIELS.

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