

CORNELL UNIVERSITY OFFICIAL PUBLICATION

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Announcement of the New York State College of Home Economics 1925-26

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THE CALENDAR FOR 1925-26

FIRST TERM

Sept. 14	Monday	University entrance examinations begin.
Sept. 23	Wednesday	Academic year begins. Registraton of new students. All special students in the College of Home Economics must first present themselves at the office of the Secretary of Agriculture and Home Economics, Roberts Hall, unless permission to register has previously been sent to them by the Registrar.
Sept. 24	Thursday	Registration of new students.
Sept. 25	Friday	Registration of old students.
Sept. 28	Monday	Instruction begins.
Oct. 16	Friday	Last day for payment of tuition.
Nov. 26	Thursday	Thanksgiving recess.
Dec. 19	Saturday	Instruction ends at 1 p. m. { Christmas
Jan. 4	Monday	Instruction resumed at 8 a. m. { recess.
Jan. 11	Monday	Birthday of Ezra Cornell. Founder's Day Convocation.
Jan. 25	Monday	Term examinations begin.
Feb. 3	Wednesday	Term examinations end.

SECOND TERM

Feb. 5	Friday	Registration of new students.
Feb. 8	Monday	Instruction begins at 8 a. m.
Feb. 8-13		Farmers' Week.
Mar. 1	Monday	Last day for payment of second-term tuition.
Apr. 3	Saturday	Instruction ends at 1 p. m. { Spring
Apr. 12	Monday	Instruction resumed at 8 a. m. { recess.
May 31	Monday	Term examinations begin.
June 14	Monday	Fifty-eighth Annual Commencement.

CORRESPONDENCE

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

Correspondence concerning advanced credit in the College of Home Economics should be addressed to Dr. R. P. Sibley, Secretary of the State Colleges of Agriculture and Home Economics, Cornell University, Ithaca, New York.

Correspondence concerning home economics courses should be addressed to the Directors of the College of Home Economics, 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 of Home Economics.*
Cornelius Betten, Ph.D., D.Sc., Director of Resident Instruction and Acting Dean of the Colleges of Agriculture and of Home Economics.
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.
Roscoe Wilfred Thatcher, B.S., M.A., D.Agr., Director of Experiment Stations.
Carl Edwin Ladd, Ph.D., Director of Extension.
Robert Pelton Sibley, M.A., L.H.D., Professor and Secretary of the Colleges of Agriculture and of Home Economics.
Willard Waldo Ellis, A.B., LL.B., Librarian.
George Wilson Parker, Managing Clerk.
Ellen Fitcher, A.B., Secretary of the College of Home Economics.
Mrs. Elizabeth Packard, A.B., Extension Secretary of Home Economics.

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

Annette J. Warner, Professor of Home Economics.
Helen Monsch, B.S., M.A., Professor of Home Economics.
Beulah Blackmore, B.S., Professor of Home Economics.*
Mary Frances Henry, A.B., Professor of Home Economics.
Howard Bagnall Meek, S.B., M.A., Professor of Hotel Management.
Adelaide Spohn, M.S., Ph.D., Professor of Home Economics.
Helen Canon, A.B., B.S., Extension Professor of Home Economics and Associate State Leader of Home Demonstration Agents.
Claribel Nye, B.S., Extension Professor of Home Economics and Associate State Leader of Home Demonstration Agents.
Mrs. Nancy McNeal Roman, Ph.B., Extension Professor of Home Economics.
Frances Beatrice Hunter, B.S., Professor of Home Economics.
Nellie L. Perkins, Ph.D., Professor of Home Economics.
Mrs. Ruby Green Smith, Ph.D., Associate State Leader of Home Demonstration Agents.
Sarah Lucile Brewer, B.S., Extension Assistant Professor of Home Economics.
Mrs. Jessie Austin Boys, M.S., Assistant Professor of Home Economics.
Flora Martha Thurston, B.S., Extension Assistant Professor of Home Economics.*
Doris Schumaker, B.S., Extension Assistant Professor of Home Economics.
Ruth Mary Kellogg, B.S., Assistant Professor of Home Economics.
Dora Harris Wetherbee, Assistant Professor of Home Economics.
Reena Roberts, B.S., M.A., Assistant Professor of Home Economics.
Caroline Morton, B.S., Extension Assistant Professor of Home Economics.
Adelaide Anna Barts, B.S., Assistant State Leader of Home Demonstration Agents.
Faith Moors Williams, Ph.D., Assistant Professor of Home Economics.
Erma Evangeline Hollen, B.S., Extension Assistant Professor of Home Economics.
Faith Fenton, B.S., Assistant Professor of Home Economics.
Dora Frances Sonnenday, Ph.B., Extension Assistant Professor of Home Economics.
Edith Hollaway Nason, Ph.D., Assistant Professor of Home Economics.
Mrs. Irene Dahlberg Nehrling, B.S., Assistant Professor of Home Economics and Manager of the Cafeteria.
Margaret Wylie, M.A., Extension Assistant Professor of Home Economics.
Mrs. Carolyn Brundage McIlroy, Instructor in Home Economics and Shop Director.
Frances Artie Brookins, Instructor in Home Economics and Assistant Shop Director.

*Absent on leave.

Ruth Jean Scott, B.S., Instructor in Home Economics.
Mildred Nellie Gardner, B.S., Extension Instructor in Home Economics.
Lucy Kimball, B.S., M.A., Instructor in Home Economics.
Elva Theodora Campbell, B.S., Instructor in Home Economics.
Frances Alida Scudder, B.S., Instructor in Home Economics.
Charlotte Elizabeth Weiss, Instructor in Home Economics.
Jennie Catherine Jones, Extension Instructor in Home Economics.
Mrs. Nita Collier Kendrick, B.S., Instructor in Home Economics.
Mrs. Myrtle Sherer Betten, Instructor in Home Economics.
Helen Lucile Rogers, B.S., Instructor in Home Economics and Assistant Manager of the Cafeteria.
Grace Evelyn Morin, A.B., M.A., Extension Instructor in Home Economics.
Sannie Callan, B.S., Extension Instructor in Home Economics.
Marion L. Stine, B.A., M.A., Instructor in Home Economics.
Hazel Lucile Spencer, B.S., Extension Instructor in Home Economics.
Gertrude Mathewson, B.S., Instructor in Home Economics.
Merle Pinkston, Instructor in Home Economics.
Pauline Peach Parke, B.S., Instructor in Home Economics.
Marjory Cutler, Assistant in Home Economics.
Dorothy Irene Fessenden, B.S., Assistant in Home Economics.
Nancy Lee Booker, A.B., Assistant in Home Economics.
Julia Etta Lockwood, B.S., Research Assistant in 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 21, 1925, and constitutes Chapter 45 of the Laws of 1925. The law provides that the College of Home Economics shall continue to be under the supervision, management, and control of Cornell University as the administrative agent of the State of New York. By the terms of the law, the College will report to the Commissioner of Education of New York State.

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. The successful completion of a four-years curriculum is recognized by the conferring of the degree of bachelor of science by Cornell University.

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 students pursuing full, special, or short courses (except the course in Hotel Administration) in the New York State College of Home Economics, and to such students in the Graduate School as are taking their major work in this College, 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. Students who receive free tuition are required to pay an incidental fee of \$10 for admission to the Summer School.

Students in Home Economics who are not exempt under these provisions are required to pay tuition as follows: For the regular year, \$200, except in the Graduate School, where the tuition is \$75; in the University Summer Session, \$50; in the Summer Schools in Agriculture and Home Economics, \$50.

Students in Hotel Administration are charged the regular tuition fee of \$200.

The tuition fee of \$200 is payable in installments of \$110 at the beginning of the first term and \$90 at the beginning of the second term, 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.

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 locker fee is required, at the beginning of each term, of every undergraduate student: \$2 for men students, and \$1 for women students. This fee entitles the men students to the use of the gymnasium and the university playgrounds, and to the use of a locker, together with the use of bathing facilities and towels, in the gymnasium, or in the New York State Drill Hall, or in the Schoellkopf Memorial Building; it entitles women students to the use of the

women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker, if that is necessary.

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.

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

An allowance of \$50 a year will probably cover laboratory fees for most students. Books, stationery, and apparatus may use as much more.

The average cost of board and lodging in Ithaca is rather above than below \$12 a week; \$10 is perhaps the lowest practicable allowance.

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.

RESIDENTIAL HALLS

The residential halls for women students are Sage Hall and Prudence Riskey Hall. In these buildings the total cost of board, laundry, and rent of furnished rooms, with heat and light, is \$480. 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. Inquiries in regard to board and rooms in the women's halls should be addressed to the Manager of Residential Halls, Sage College, Ithaca.

The University has six residential halls for men students, situated on the campus and furnishing accommodations for about four hundred and eighty men. For particulars, address the University Comptroller, Ithaca, New York. 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 Baker Court, and by the College of Home Economics in the Home Economics Building, where meals may be obtained at reasonable prices.

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 Free-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.

SCHOLARSHIPS FOR NONRESIDENTS

There are available ordinarily, for students in the Colleges of Agriculture and Home Economics, a small number of scholarships carrying free tuition to nonresidents of New York who are especially worthy of aid.

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*.

ALUMNI PRIZE

The Alumni Association of the Colleges of Agriculture and Home Economics contributes an annual prize of \$25, to be awarded at the close of the junior year to the student who has maintained the best scholastic record during the three years in the University, the award to be made by the Faculty of the College.

OTHER PRIZES

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

THE HONOR CODE IN EXAMINATIONS

Under a constitution proposed and adopted by the students, and approved by the University Faculty, on March 9, 1921, all students

of Cornell University are put upon their honor with respect to their conduct in examinations and in other tests of work by which they are earning academic credit. The students have made themselves responsible for maintaining the code. For the trial of charges of breach of honor, they elect committees of their own—a central committee for the University, and a committee in each of the colleges. Every student is expected to do his share in upholding the code, not only by honorable conduct on his own part, but also by refusal to conceal or to condone fraud on another's part. Any irregularities should be reported to a member of the student honor committee.

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 requirements for graduation that are stated in the following pages apply to all students in Home Economics, and they are of such a nature as to give opportunity for following specialized interests under the guidance of faculty advisers.

Aside from the four-years course, instruction in home economics is given in a six-weeks summer school designed especially for teachers and advanced students. A special announcement of this course may be obtained by addressing the Secretary of the College of Home Economics.

Inquiries regarding graduate work in home economics should be addressed to the Dean of the Graduate School.

In cooperation with the American Hotel Association, a course for executives in hotels and in other institutions having housing and feeding problems has been organized.

Outlines for the arrangement of courses throughout the four years, leading to specialization in the vocations mentioned below, are given on the following pages. They include courses of study 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.

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.

All students matriculating in the University shall present a satisfactory certificate of vaccination; this certificate to be considered satisfactory only if it certifies to a successful vaccination within five years or certifies that at least three unsuccessful attempts have been made within the same period. The vaccination certificate should be promptly filed at the office of the Registrar, for no student will be admitted without it.

THE APPLICATION FOR ADMISSION

Any prospective undergraduate student intending to register in the University for the first term of the academic year must apply for registration not later than August 1 of that year, and the application must be accompanied by a deposit of \$25. Checks should be made payable to Cornell University and sent to the Treasurer. An application received after August 1 may be accepted if, in the judgment of the Faculty concerned, there is adequate provision for the student's instruction. If a student completes his registration for the first term, the deposit will be credited to his account. If a prospective student whose application and deposit have been accepted fails to complete his entrance requirements, he is entitled to a refund of the deposit in excess of accrued charges. If, for any other reason, an applicant fails to enter the University at the beginning of the term, any balance above charges accrued may, at the discretion of the Comptroller and the Registrar, be refunded to him. Such a refund will generally be made if the vacancy caused by the student's withdrawal is filled.

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)	8a. Ancient History	(½-1)
1b. English No. 2	(1½)	8b. Modern History	(½-1)
1c. English (elective)	(1)	8c. American History, Civics	(½-1)
2a. First Year Greek	(1)	8d. English History	(½-1)
2b. Second Year Greek	(1)	9a. Elementary Algebra	(1)
2c. Third Year Greek	(1)	9b. Intermediate Algebra	(½)
3a. First Year Latin	(1)	9c. Advanced Algebra	(½)
3b. Second Year Latin	(1)	9d. Plane Geometry	(1)
3c. Third Year Latin	(1)	9e. Solid Geometry	(½)
3d. Fourth Year Latin	(1)	9f. Plane Trigonometry	(½)
4a. First Year German	(1)	9g. Spherical 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 (including Home	
6b. Second Year Spanish	(1)	Economics)†	(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)	
7c. Third Year Italian	(1)		

*If an applicant has counted Biology (1), he may not also offer Botany (1/2) or Zoology (1/2).
†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.

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. Of diplomas authorized by the Board of Regents prior to 1921, either (1) the Arts College Entrance Diploma, (2) the Science College Entrance Diploma, or (3) the Academic Diploma in Homemaking issued by the Board of Regents of the University of the State of New York; or evidence of equivalent training.

If an applicant holding one of these last-named diplomas does not present three units of foreign language, he must elect an equivalent amount of work in the University in one or more of the following subjects; foreign language, English, mathematics, philosophy, psychology, history, economics, political and social science.

REQUIREMENTS FOR ADMISSION OF SPECIAL STUDENTS

Opportunities are provided for persons who desire to pursue special studies. In order to be eligible for admission to special work, applicants must have fifteen units of entrance credits or be twenty-one years of age. An applicant for admission as a special student on the

age requirement, must satisfy the faculty of a bona-fide desire for special study. Each student will be required to present an honorable dismissal from the school last attended, certificates of good moral character, and other such certificates and letters as may be desired. The special work is designed to meet the needs of young men and young women who have not time for a four-years course and who desire to spend a brief period in specialized study. Admission as a special student does not admit to classes. The student is admitted to the various classes by the consent of the heads of the departments concerned, but only after admission to the College.

OTHER DETAILS OF ADMISSION

Other details as to subjects and methods of admission may be found in the *General Circular of Information*, which may be obtained on application to the Secretary of the University.

For admission to the freshman class and to advanced standing from other colleges and universities, all communications should be addressed to the Registrar of the University. Details may be found in the *General Circular of Information*.

For admission as a special student, communications should be addressed to the Secretary of the Colleges of Agriculture and Home Economics.

For admission to graduate work and candidacy for advanced degrees, communications should be addressed to the Dean of the Graduate School.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

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

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 six 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 hotel administration are required to meet the hotel-practice requirement before the beginning of their last term. To meet this requirement, the student must earn sixty points of hotel-practice credit. Normally, each week of supervised employment is the equivalent of two points credit. For exceptionally good types of experience and excellent reports, excess credit will be given.

For poor experience or for poor or tardy reports, credit will be deducted. Ordinarily, practice work for thirty weeks, or three summers, will be necessary to meet the requirement for the degree. Credit for hotel-practice work is given on the basis of reports filed by the students and by the employers. Therefore, students who expect to be employed in hotel work before entering college and who wish to count the work toward the hotel-practice requirement should apply to the College for registration blanks and instruction sheets.

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, students of reasonable ability should have no trouble in making arrangements.

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 19, 1925, 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 staffs of the Colleges of Agriculture and Home Economics.

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 and agricultural subjects described on the following pages.

THE COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

The following outlines of courses are prepared for students who wish to specialize in any of the vocations named. For students who do not wish to specialize, a general course is outlined. These outlines indicate the number of hours required, leaving additional hours which may be chosen from courses offered in other colleges.

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.

Students must attain a grade of B in all courses in the Textiles and Clothing, and the Household Arts Departments during their freshman and sophomore years, to be permitted to specialize in clothing. Students who transfer from other colleges must meet this requirement. Permission to specialize will be determined by the instructors of the Departments of Textiles and Clothing, and of Household Arts, in consultation with the student. See page 10 for description of grades.

Those required courses which are given in other colleges than Home Economics are described on pages 31-34.

COURSES OF STUDY

GENERAL STUDENT NOT SPECIALIZING

Freshman

<i>Required:</i>	<i>hours</i>
Orientation.....	1
English 1.....	6
Chemistry 101.....	6
Biology 1, Zoology 1, or Botany 1...	6
Foods 1.....	3
Clothing 3.....	3
Clothing 5*.....	3
Household Management 10†.....	3
Color and Design 1.....	2
	<hr/>

30

Advised:

Chemistry 210.....	3
Chemistry 225.....	3

Junior

<i>Required:</i>	
Political Science 1.....	5
Biochemistry 314.....	3
Dietetics 122.....	5
	<hr/>
	13

Advised:

Psychology and Education	
English	
History	
Psychology 115.....	4

Required hours: 74-77.

Sophomore

<i>Required:</i>	<i>hours</i>
Physics 3 and 4†.....	6
Organic Chemistry 375.....	4
Physiology 303.....	3
Bacteriology 2.....	3
Foods 3.....	8

24

Advised:

Costume Design 11.....	2
Home Decoration and Furnishing 31	3
Millinery 20.....	3
English.....	
History.....	

Senior

<i>Required:</i>	
Household Management 120.....	2
Economics of the Home 130.....	4
House Practice 126.....	3
Nutrition of Children 131.....	1
	<hr/>

10

Advised:

The Family 111.....	2
Rural Engineering 10.....	2
English	
History	
Philosophy	
Child Training 101	

DIETITIAN—CLINICAL AND LABORATORY

Freshman

<i>Required:</i>	<i>hours</i>
Orientation.....	1
English 1.....	6
Chemistry 101.....	6
Chemistry 210*.....	3
Chemistry 225*.....	3
Biology 1, Zoology 1, or Botany 1...	6
Foods 1.....	3
Clothing 3*.....	3
Clothing 5*.....	3
Household Management 10†.....	3
Color and Design 1.....	2
	<hr/>

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Advised:

Sophomore

<i>Required:</i>	<i>hours</i>
Physics 3 and 4†.....	6
Organic Chemistry (with laboratory) 375.....	5
Physiology 303.....	3
Bacteriology 2.....	3
Foods 3.....	8

25

Advised:

Home Decoration and Furnishing 31	3
Food Chemistry 880*.....	2
English	
History	

*May be taken later.

†Not given in 1925-26.

‡Not required if offered for entrance.

Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Political Science 1	5	Household Management 120	2
Biochemistry 314	3	Economics of the Home 130	4
Biochemistry 314a	2	House Practice 126	3
Dietetics 122	5	Diet in Disease 124†	3
		Nutrition of Children 131	1
	15		13
<i>Advised:</i>		<i>Advised:</i>	
Chemistry 430 (Colloidal)		Additional Science Course	
Chemistry 405 (Physical)		The Family 111	2
Chemistry 410 (Lab. for 405)		Rural Engineering 10	2
Psychology and Education		Methods in Research 223	
English		English	
History		History	
Psychology 115	4	Philosophy	
		Child Training 101	

Required hours: 89.

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	6	Physiology 303	3
Biology 1, Zoology 1, or Botany 1	6	Bacteriology 2	3
Foods 1	3	Foods 3	8
Clothing 3	3		
Clothing 5*	3		
Household Management 10†			
Color and Design 1	2		
	30		24
<i>Advised:</i>		<i>Advised:</i>	
Chemistry 210	3	Economics 55a	
Chemistry 225	3	Economics 55b	
		Psychology	
		Home Decoration and Furnishing 31	3
		English	
		History	
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Political Science 1	5	Household Management 120	2
Biochemistry 314	3	Economics of the Home 130	4
Dietetics 122	5	House Practice 126	3
Institution Practice 101	3	Food Preparation 109	3
Institution Accounts 121	3	Marketing 111	4
		Institution Management 102	2
		Diet in Disease 124	
		(if Hospital Managerial)†	3
		Nutrition of Children 131	1
	19		22

*May be taken later.

†Not given in 1925-26.

‡Not required if offered for entrance.

Advised:

Psychology and Education	
Political Science 43	3
English	
History	
Psychology 115	4

Required hours: 95.

Advised:

Rural Engineering 10	2
The Family 111	2
English	
History	
Philosophy	
Child Training 101	

HOTEL EXECUTIVE

Freshman

<i>Required:</i>	<i>hours</i>
Orientation	1
Biology 1	6
Human Physiology 303	3
English 1	6
Foods 15	2
Foods 16	2
Mechanical Drawing 2	3
Chemistry 101	6
Chemistry 880	2
	<hr/>
	31

Advised:

French	
Physics 3	3
Physics 4	3

Sophomore

<i>Required:</i>	<i>hours</i>
Accounting 121	3
Accounting 122	3
Economics 2	6
Foods and Nutrition 17	4 or 3
Physics 3	3
Physics 4	3
Bacteriology 3	2
Textiles 51	2
Decoration and Furnishing 35	3
	<hr/>
	29

Advised:

Meats 20	3
French	
Public Speaking	

Junior

<i>Required:</i>	
Hotel Operation 151	3
Hotel Organization 152	3
Mechanism of Hotel Machines 161	4
Hotel Power Plants 162	3
Hotel Accounting 181	2
Hotel Cookery 115	4
Hotel Psychology	4
Meats and Meat Products 20	3
	<hr/>
	26

Advised:

Biology 7	1
English	
History	
Philosophy	

Senior

<i>Required:</i>	
Hotel Auxiliary Equipment 163	3
Business Management 125	3
Money and Banking 11	5
Law as related to Innkeeping 171	4
Commercial Geography 206	2
Hotel Accounting (Advanced) 182	2
	<hr/>
	19

Advised:

Special Hotel Problems 153	3
Hotel Engineering Problems 164	3
Accounting	
Biology 7	1
Economics	
English	
Government	
History	
Philosophy	

Required hours: 105.

EXTENSION WORKER

Freshman

<i>Required</i>	<i>hours</i>
Orientation.....	1
English 1.....	6
Chemistry 101.....	6
Biology 1, Zoology 1, or Botany 1.....	6
Foods 1.....	3
Clothing 3.....	3
Clothing 5*.....	3
Household Management 10†	
Color and Design 1.....	2
	<hr/>
	30

Advised:

Chemistry 210
Chemistry 225

Sophomore

<i>Required:</i>	<i>hours</i>
Physics 3 and 4†.....	6
Organic Chemistry 375.....	4
Physiology 303.....	3
Bacteriology 2.....	3
Foods 3.....	8
Constructive Costume Design 10.....	3
Home Decoration and Furnishing 31	3
Clothing Design 11.....	2
	<hr/>
	32

Advised:

Public Speaking 1..... 3
Psychology
Millinery 20..... 3
Psychology (for state teaching re-
quirement)..... 2
English
History

Junior

<i>Required:</i>	
Political Science 1.....	5
Biochemistry 314.....	3
Dietetics 122.....	5
Rural Education 111.....	4
Rural Education 121.....	3
Clothing 103.....	8
	<hr/>
	28

Advised:

Rural Organization 1..... 3
Extension 1..... 2
English
History
Rural Education 116..... 2

Senior

<i>Required:</i>	
Household Management 120.....	2
Economics of the Home 130.....	4
House Practice 126.....	3
Extension in Home Economics 100.....	3
Nutrition of Children 131.....	1
	<hr/>
	13

Advised:

Clothing for Children 110..... 2
Food Preparation 109..... 3
The Family 111..... 2
Diet in Disease 124†..... 3
Economics 55a
Extension 15 (Agricultural Journal-
ism)..... 3
Rural Education 137..... 4
Commercial Clothing Construction
115..... 3
English; Philosophy; History
Child Training 101

Required hours: 105.

*May be taken later.

†Not given in 1925-26.

‡Not required if offered for entrance.

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	6	Physiology 303	3
Biology 1, Zoology 1, or Botany 1 ..	6	Bacteriology 2	3
Foods 1	3	Foods 3	8
Clothing 3	3	Constructive Costume Design 10 ..	3
Clothing 5*	3	Clothing Design 11	2
Household Management 10† ..	2	Home Decoration and Furnishing 31	3
Color and Design 1	2	Millinery 20	3
	—	Psychology or Education	
	30	(for state teaching requirement) ..	2
<i>Advised:</i>			37
Chemistry 210	3	<i>Advised:</i>	
Chemistry 225	3	Public Speaking 1	3
		Rural Education 1*	2
		English	
		History	
		Senior	
Junior		<i>Required:</i>	
<i>Required:</i>		Household Management 120	2
Political Science 1	5	Economics of the Home 130	4
Biochemistry 314	3	House Practice 126	3
Dietetics 122	5	Rural Education 137	4
Rural Education 111	4	Commercial Clothing Construction	
Rural Education 121	3	115	3
Clothing 103	8	Nutrition of Children 131	2
Rural Education 136	3		—
Psychology (for state teaching re-			18
quirement)	2		
	33	<i>Advised:</i>	
<i>Advised:</i>		The Family 111	2
Psychology and Education		Rural Engineering 10	2
Biochemistry 314a	2	Food Preparation 109	3
English		English	
History		History; Philosophy	
Rural Education 116	2	Child Training 101	
Required hours: 117.			

TEACHER—CLOTHING

Freshman		Sophomore	
<i>Required:</i>	<i>hours</i>	<i>Required:</i>	<i>hours</i>
Orientation 1	1	Physics 3 and 4†	6
English 1	6	Physiology 303	3
Chemistry 101	6	Bacteriology 2	3
Biology 1, Zoology 1, or Botany 1 ..	6	Constructive Costume Design 10 ..	3
Foods 1	3	Clothing Design 11	2
Clothing 3	3	Home Decoration and Furnishing 31*	3
Clothing 5*	3	Millinery 20	3
Household Management 10† ..	2	Psychology (for state teaching re-	
Color and Design 1	2	quirement)	2
	30		25

*May be taken later.

†Not given in 1925-26.

‡Not required if offered for entrance.

Advised:

Drawing

Advised:

Public Speaking 1	3
Drawing	
Philosophy 4 or 4a	3
Rural Education 1	2
Greek Art A	3
English	
History	

Junior*Required:*

Political Science 1	5
Dietetics 35 (122 advised in 1925-26)†	2
Rural Education 111	4
Rural Education 121	3
Rural Education 136	3
Clothing 103	8
Psychology (for state teaching requirement)	2
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	27

Senior*Required:*

Household Management 120	2
Economics of the Home 130	4
House Practice 126	3
Rural Education 137	4
Commercial Clothing Construction 115	3
Nutrition of Children 131	2
	<hr/>
	18

Advised:

Psychology and Education	
Architecture	
Advanced Design 111	2
English	
History	
Rural Education 116	2

Advised:

The Family 111	2
Rural Engineering 10	2
Rural Education 262	2
Architecture	
English	
History	
Philosophy	
Child Training 101	

Required hours: 100.

TEACHER—FOODS**Freshman**

<i>Required:</i>	<i>hours</i>
Orientation	1
English 1	6
Chemistry 101	6
Biology 1, Zoology 1, or Botany 1	6
Foods 1	3
Clothing 3	3
Clothing 5*	3
Household Management 10†	
Color and Design 1	2
	<hr/>
	30

Advised:

Chemistry 210	3
Chemistry 225	3

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 3	8
Home Decoration and Furnishing 31	3
Psychology (for state teaching requirement)	2
	<hr/>
	30

Advised:

Public Speaking 1	3
Economics	
Rural Education 1	2
English	
History	

*May be taken later.

†Not given in 1925-26.

‡Not required if offered for entrance.

Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Political Science 1	5	Household Management 120	2
Biochemistry 314	3	Economics of the Home 130	4
Biochemistry 314a	2	House Practice 126	3
Dietetics 122	5	Rural Education 137	4
Rural Education 111	4	Food Preparation 109	3
Rural Education 121	3	Nutrition of Children 131	2
Rural Education 136	3		
Psychology (for state teaching requirement)	2		
	<hr/> 27		<hr/> 18
<i>Advised:</i>		<i>Advised:</i>	
Psychology and Education		Food Preparation 109	3
Chemistry 405 (Physical)		The Family 111	2
Chemistry 410 (Lab. for 405)		Rural Engineering 10	2
Chemistry 430 (Colloidal)		Diet in Disease 124†	3
English		Methods in research 223	
History		English	
Rural Education 116	2	History	
		Philosophy	
Required hours: 105.		Child Training 101	

†Not given in 1925-26.

DIVISIONS OF INSTRUCTION

WITH DESCRIPTIONS 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, and Home Economics Building 100 and 245. Members of the staff of the Colleges of Agriculture and of Home Economics.

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

FOODS AND NUTRITION

Foods Uniform Requirement. Women students taking foods work in the College of Home Economics must be provided, upon entrance, with two uniforms, two aprons, two padded holders, and two small hand towels. The uniform should be made from the Butterick Pattern 5836. This pattern includes patterns of dress, apron, and head band. The collar and the cuffs of the uniform should be attached; the sleeves should be made short enough to prevent the cuff from crushing when the elbow is bent. Medium-quality white poplin should be used for the dress.

The apron should be made with two large patch pockets, as indicated in view B-1 on the pattern envelope. The neckline of the apron is to be made one inch lower than the lowest point of the neckline in the center front of the dress. The apron should be one inch shorter than the dress. The material should be medium-quality cambric, longcloth, muslin, or similar white material.

The head band may be made from the material used for the apron or the uniform. It should be made double, and long enough to lap one inch. It may be fastened with small pins or snaps.

The holders may be made of several thicknesses of white cloth about six inches square. The holders are to be carried in the apron pockets.

The hand towels may be made from any white linen toweling. They should be about nineteen inches square. Each hand towel should be provided with a tape loop to attach to the belt of the apron. A button may be used for attaching the towel, or the tape may loop over the belt.

Men students taking foods work in the College of Home Economics must provide themselves with two chef's aprons, white; two chef's coats, white; and two chef's hats, white. These may be purchased on the campus at registration time.

1. **Foods, Introductory Course.** First or second term. Credit three hours. 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, T Th 9, Rooms 100 and 245; practice, T 2-4.30, one section; Th 2-4.30, one section; F 10.30-1, two sections; Rooms 200 and 270. Second term: lectures and discussions, M W 11, Room 100; practice, M T or Th 2-4.30; Rooms 200 and 270. Assistant Professor ROBERTS and Professor HENRY.

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. Simple table service is stressed. Laboratory fee, \$10.

3. **Foods, General Course.** First and second terms. Credit four hours a term. Should be taken in the sophomore year. Must be preceded or accompanied by organic chemistry. Lectures, M F 11, Room 245. Practice, M 2-4.30 and T 10.30-1, two sections; W 2-4.30 and Th 10.30-1, one section; F 2-4.30 and S 8-10.30, two sections; Rooms 200, 205, 270. Assistant Professors NASON and FENTON, and Miss KIMBALL.

This course is intended to establish a fundamental knowledge of foods and to develop a scientific attitude toward food problems. The lectures include a discussion of the composition and character of food stuffs; sources and methods of

manufacture; principles of selection, from the standpoint of marketing, and of satisfactorily combining foods; methods of, and principles underlying, food preparation and preservation; comparative nutritive and economic values of foods. Laboratory practice consists in applying scientific principles of food preparation. Laboratory fee, \$14 a term.

15. Food Preparation. First or second term. Credit two hours. Open to students registering in hotel administration. First term: practice, T Th 8-10, one section, Room 270; T Th 11-1, one section, Room 205. Second term: M 8-10, S 10.30-12.30, 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. First or second term. Credit two hours. Open to students registering in hotel administration. Prerequisite, Foods 15. First term: practice, W F 8-10, one section, Room 270. Second term: practice, T Th 8-10, one section; M F 11-1, one section; Room 270. Miss KIMBALL.

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

17. Food Selection and Advanced Food Preparation. First or second term. Credit three hours; with lecture on food selection, four hours. Open to students registering in hotel administration. Prerequisite, Foods 15 and 16, or their equivalents. First term: lectures, T Th 10, Room 400; practice, F 2-4.30, S 8-10, one section, Room 205. Second term: lectures, T Th 10, Room 400; practice, W 2-4.30, Th 11-1, one section, Room 205. Assistant Professor Boys and Professor HENRY.

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. The second lecture, each week, will be given to the discussion of food selection from the dietetic standpoint. Laboratory fee, \$18.

[35. Dietetics, Survey Course. First term. Credit two hours. Designed primarily for students in other colleges. Lectures and discussions, T Th 10, Room 100. Professor HENRY.] Not given in 1925-26.

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. Laboratory fee, \$7.] Not given in 1925-26.

[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 1925-26.

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 3. Lecture, M 10, Room 100. First term: practice, M W 2-4.30, one section; T Th 2-4.30, one section; Room 205. Second term: practice, T Th 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. Second term: practice, T Th 10.30-1, one section; T Th 2-4.30, one section; W F 8-10.30, one section; W F 2-4.30, one section; Room 200. Discussion period by appointment. Professor HENRY, first term; Professor SPOHN, Assistant Professor FENTON, and Miss CAMPBELL, second term.

This course gives the student a working knowledge of dietetics. Methods of investigating dietary problems, and practical means of applying scientific principles in the planning of dietaries for the family are studied. Special attention will be given to the problems of feeding infants and children. Laboratory fee, \$10.

[124. **Diet in Relation to the Treatment of Disease.** First term. Credit three hours. Open to seniors and graduate students. Required of those specializing in dietetics. Prerequisite, Foods 122. Lectures, T Th 9, Room 100. Practice, T or Th 2-4.30, Room 270. Laboratory fee, \$14. Professor MONSCH.] Not given in 1925-26.

131. **Nutrition of Children.** Second term. Credit two hours. Open to seniors and graduate students. Two hours required of teachers; 1 hour required of all students. Prerequisite, Foods 122. Conference period, M 2-4.30, Room 245. Practice, T Th or F 2-4.30. 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. **Food and 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 10, Room 100. Professor SPOHN.

A critical study of recent advances in food 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 Food and Nutrition.** First term. For graduate students with training satisfactory to the instructor. Laboratory work at least ten hours. Hours to be arranged. Room 410. Professor SPOHN.

A course planned to train students in methods of investigation such as are employed in research work in food and nutrition. Opportunity is offered for the study of methods used in feeding experiments with small animals; experiments with human subjects, on the nutritive value and digestibility of foods; metabolism studies, using the Benedict portable respiration apparatus. Laboratory fee, \$8.

229. **Research in Food and Nutrition.** Throughout the year. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professor SPOHN, Assistant Professor NASON, and other staff members.

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, \$2 for each credit hour.

230. **Seminar in Food and Nutrition.** Throughout the year. Without credit. Required of graduate students specializing in this department. M 4.45. Members of the Foods and Nutrition staff.

TEXTILES AND CLOTHING

3. **Clothing Selection: Color and Design.** First or second term. Credit three hours a term. Required of all students in home economics. Clothing 5 must be taken the following term. No credit given for course 3 until course 5 is completed. First term: lecture, M 12, Room 100; practice, M W 8-10.30, one section; M W 2-4.30, one section; T Th 2-4.30, two sections; F 2-4.30, S 8-10.30, one section; Rooms 300 and 310. Second term: lecture, T 11, Room 100; practice, T Th 8-10.30, one section; T Th 2-4.30, one section; F 2-4.30, S 8-10.30, one section; Rooms 300 and 305. Professor HUNTER and Misses SCOTT, SCUDDER, and WEISS.

Selection and design of clothing is taught through designing on the flat pattern. A study is made of typical commercial patterns. Analyses of ready-made garments and of fashion sketches are made, to teach the students to adapt current designs to their own needs, and to help them to buy ready-made clothes. Color harmony is developed through the use of texture combinations. Students provide all materials, subject to the approval of the instructor. Estimated cost of the materials, \$10. Laboratory fee, \$3.

5. **Clothing Selection: Textiles and Construction.** First or second term. Credit three hours a term. Required of all students in home economics. To be preceded by Clothing 3. First term: lecture, W 11, for all sections, Rooms 300,

310, and 400; practice, M 2-4.30, T 10.30-1, one section; W 2-4.30, Th 10.30-1, two sections; F 2-4.30, S 8-10.30, one section; Room 310. Second term; lecture, Th 9, for all sections, Rooms 305, 310, and 400; practice, M W 8-10.30, one section; M W 10.30-1, one section; M W 2-4.30, one section; F 2-4.30, S 8-10.30, one section; Rooms 300 and 310. Misses SCOTT, WEISS, and SCUDDER.

This course emphasizes the designing and the construction of clothing and the economical and appropriate selection of textiles. The planning of the wardrobe is studied with reference to its appropriateness and cost. Laboratory practice includes hand and machine sewing suitable to the garments constructed. Fitted muslin foundation patterns and 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 \$15 to \$25. Laboratory fee, \$3.

[8. **Dressmaking, Survey Course.** First term. Credit three hours. Miss ———.] Not given in 1925-26.

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, \$15 to \$25. Laboratory fee, \$3.

10. **Constructive Costume Design.** First or second term. Credit three hours. Should be taken in the sophomore year. Prerequisite, Clothing 3 and 5, and Household Art 1. First term: lecture, T 9, Room 305; practice, T Th 2-4.30, Room 305. Second term: lecture, W 11, Room 305; practice, M 2-4.30, T 10.30-1, one section; W 2-4.30, Th 10.30-1, two sections; Rooms 300 and 305. Professor HUNTER and Miss 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. Patterns are modeled for use in later dressmaking courses. Costumes are designed for at least one dramatic production. Students provide all materials, subject to the approval of the instructors. Estimated cost of materials, \$10. Laboratory fee, \$3.

20. **Millinery.** First or second term. Credit three hours. Prerequisite, Clothing 3 and Household Art 1. First term: practice, M W F 8-10.30, one section, Room 310. Second term: practice, M W F 8-10.30, one section, Room 310. Miss WEISS.

This course takes up methods of manipulation of materials in the construction of hats, remodeling of hats, and the making of a simple trimming. Emphasis is placed on the selection of hats from the standpoint of suitability, becomingness to the wearer, technique, and cost with reference to time spent. Students provide all hat materials. Estimated cost of materials, \$10 to \$20. Laboratory fee, \$3.

51. **Hotel Textiles.** First term. Credit two hours. Should be taken in the sophomore year. Required of students in hotel administration. First term: lecture T 8; practice, Th 8-10.30; Room 400. Miss PINKSTON.

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, \$3.

103. **Principles and Practice in Clothing Construction and Design; Textile Selection; Shop Practice.** First and second terms. Credit four hours a term. Should be taken by juniors. Required of teachers. Prerequisite, Clothing 3, 5, and 10, and Household Art 1. First term: lecture, Th 9, Room 305; practice, M W F 8-10.30, one section; M W F 2-4.30, one section; Room 305. Second term: lecture, M 12, Room 305; practice, M W F 8-10.30, one section; T Th 2-4.30, S 8-10.30, one section; Rooms 300 and 305. Professor HUNTER, Miss 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 one project, 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, with 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, \$3 a term.

110. Clothing for Children. Second term. Credit two hours. Prerequisite, Clothing 3 and 5, and Household Art 1. Practice, W F 2-4.30, Room 400. Miss SCOTT.

This course is planned to assist the student in the application of design and construction to clothing for children. Emphasis is placed upon the selection of garments from the standpoint of health, simplicity, and becomingness. Designs are studied for children of various ages. Opportunity will be given for observation and practice, in designing for children in the nursery school. Laboratory practice includes the construction of garments, the use of commercial patterns, and designing from foundation patterns. A problem in renovation is included in the construction of garments. Estimated cost, \$5. Laboratory fee, \$2.

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, 10, 103, and Household Art 1. Conference hour, Th 12, Costume Shop. 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 a number of 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, \$50 to \$75. Laboratory fee, \$1 a term for each credit hour taken.

[151. Household and Institution Textiles. First term. Credit two hours. Required of students in institution management. Professor BLACKMORE.] Not given in 1925-26.

This course includes an intensive study of the selection, use, care, and distribution of textiles used in typical institutions. Estimated cost of materials, \$3. Laboratory fee, \$4.

[155. Textiles. First or second term. Credit two hours. Should be taken in the junior or senior year by students especially interested in clothing. Prerequisite, Clothing 3 and 5. Professor BLACKMORE.] Not given in 1925-26.

This course includes problems in shopping for materials; an intensive study of fabrics with a view to their appropriateness in clothing; a study of ready-made clothing; fabrics used in home furnishing; chemical and physical testing of fabrics. A study is made of the history of the processes of manufacture of fabrics and of the textile industry as affected by economic conditions. Estimated cost of materials, \$3 to \$5. Laboratory fee, \$3.

HOUSEHOLD ART

1. Color and Design. First or second term. Credit two hours. Should be taken in the freshman year. Required of all students in home economics. First term: practice, M W 8-10.30, M W 2-4.30, T Th 2-4.30, F 2-4.30, S 8-10.30. Second term: practice, T Th 8-10.30, T Th 2-4.30. Room 415. Assistant Professor WETHERBEE.

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 every-day life. Estimated cost of materials, \$7 to \$10. Laboratory fee, \$5.

11. Clothing Design. Second term. Credit two hours. Should be taken in the sophomore year. Required for general and clothing teachers. Prerequisite, Clothing 3 and 5, and Household Art 1. Practice, W F 8-10.30, F 2-4.30, S 8-10.30. Room 415. Assistant Professor WETHERBEE.

A course dealing with color and design as applied to clothing. Laboratory fee, \$4.

[25. **House Planning.** First or second term. Credit two hours. Elective for sophomores. Registration limited to forty-five students. Professor ———]. Not given in 1925-26.

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 sophomore year. Prerequisite, Household Art 1. First term: lecture, W 11, Room 245; practice, T Th 8-10.30, T Th 10.30-1; Room 415. Second term: lecture, F 12, Room 245; practice, M 2-4.30, T 10.30-1, W 2-4.30, Th 10.30-1; 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.** First term. Credit three hours. Open to students registering in hotel administration. Should be taken in the junior year. Prerequisite, Drawing 2. First term: lecture, M 9, Room 245; practice, M F 10.30-1, T Th 2-4.30, Room 415. Professor WARNER.

A course dealing with the essentials of decoration and furnishing applied to problems in the hotel industry. Laboratory fee, \$5.

III. **Advanced Design.** Second term. Credit two hours. Not offered for less than eight students. Should be taken in the senior year. Prerequisite, Household Art 1 and 31. Practice, W F 10.30-1, Room 415. Assistant Professor WETHERBEE.

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

[10. **Mechanics of the Home.** First or second term. Credit two hours. Required of all students in home economics. First term: lecture, S 11, Room 100; practice, T W Th or F 2-4.30, Room 265. Second term: lecture, S 10, Room 100; practice, T W Th or F 2-4.30, Room 265. Assistant Professor KELLOGG.] Not given in 1925-26.

120. **Problems in Home Management.** First or second term. Credit two hours. Prerequisite, Economics 1. Required of seniors in home economics. First term: lectures, T Th 10, Caldwell 100. Second term: lectures, W F 10, Room 100. Assistant Professor KELLOGG.

Practical application of economic and social principles to problems in the actual management of the home. Such problems as personal and household accounts, the use of the budget, the handling of money, division of time, renting and owning, and service, are included.

126. **House Practice, Laboratory Course.** First or second term. Credit three hours. Required of all seniors in home economics. Practice consists of five consecutive weeks in the practice house, time to be arranged. Should be taken by prospective teachers, together with Clothing 115, Household Management 120, and Rural Education 137. Should not be taken with Institution Management 101. Assistant Professors ROBERTS and FENTON.

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, \$30, including room and board for the five weeks in the practice house.

130. **Distribution of Family Income and Expenditure in the United States.** First and second terms. Credit two hours a term. Prerequisite, Economics 1. Required of seniors in home economics. Lectures T Th 9, or W F 11, Market-

ing Building. First term, Caldwell 282; second term, Marketing Building. Assistant Professor WILLIAMS.

This course includes 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.

Household Bacteriology. See Bacteriology 2.

Household Mechanics. See Rural Engineering 10.

250. **Seminar in the Economic Problems of the Consumer.** Throughout the year. For graduate students. Credit three hours. Hours to be arranged. Assistant Professor WILLIAMS.

This course offers research work in economic problems as they affect the home.

INSTITUTION MANAGEMENT

101. **Institution Practice.** First or second term. Credit three hours a term. Required of all students specializing in institution management or dietetics. Should be taken in the junior year, but may be taken in the senior year. Should not be taken with Household Management 126. Class limited to fourteen students, two divisions of seven each. Lecture and discussion, S 9, Room 265. Practice, M W F 11.30-1.30, T Th S 11.30-1.30; Cafeteria. Miss ROGERS.

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

102. **Institution Management.** Second term. Credit two hours. Prerequisite, Institution Management 101 and 111. Open to seniors in home economics. Required of all students specializing in institution management or in dietetics. Lectures and discussions, M S 9. Room 245. Assistant Professor NEHRING.

A study of the organization and management of institutions; the rise of present-day institution problems; opportunities and openings in the institution field.

111. **Marketing and Large-Quantity Cookery.** First or second term. Credit four hours a term. Prerequisite, Institution Management 101. Open to seniors in home economics. Class limited to fourteen. Required of all students specializing in institution management or dietetics. Lecture and discussion, M 8, Room 100. Practice, W F 8-12, Cafeteria. Assistant Professor NEHRING and Miss FESSENDEN.

Laboratory work in large-quantity cooking. A study 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. 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. Laboratory fee, \$10.

115. **Marketing and Hotel Cookery.** First or second term. Credit four hours a term. Required of juniors in hotel administration. Registration limited to fourteen. Lecture and discussion, M 8, Room 100. Practice, T Th 8-12, Cafeteria. Assistant Professor NEHRING and Miss ROGERS.

Laboratory work in large-quantity cooking; a study 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 storage. Laboratory fee, \$10.

121. **Institution Accounting.** Second term. Credit three hours. Open to juniors and seniors. Should be taken in the junior year by students in institution management. Lectures, T Th 2, Room 100. Practice, T 3-5.30 or Th 3-5.30, Room 400. Mr. ———.

A study of the principles of accounting and the application of these principles in keeping institution accounts.

151. **Hotel Organization.** First term. Credit three hours. Prerequisite, Marketing 121 and 122, and hotel experience. Open to juniors and seniors. Required of students in hotel administration. Lectures and discussions, M W F 9. Room 100. Professor MEEK.

This course deals with the organization of the hotel staff. The class is required to take a trip to New York City, at a probable minimum cost of \$60.

152. Hotel Operation. Second term. Credit three hours. Prerequisite, Marketing 121 and 122, and hotel experience. Open to juniors and seniors. Required of students in hotel administration. Lectures and discussions, M W F 9. Room 100. Professor MEEK.

A study of the financing and operation of hotels.

153. Special Hotel Problems. First term. Credit two hours. Prerequisite, Institution Management 151 and 152. Open to students in hotel administration, with the permission of the instructor. Lectures, M F 11. Room 400. Professor MEEK.

A seminar course devoted to the study of special problems arising in the hotel business.

171. The Law as Related to Innkeeping. Second term. Credit four hours. Open to juniors and seniors. Required of students in hotel administration. Lectures, T Th 2-4.30. Boardman C. Assistant Professor WHITESIDE.

181. Hotel Accounting. First term. Credit two hours. Prerequisite, Marketing 121 and 122. Required of juniors in hotel administration. Lecture, W 2. Practice, W 3-5.30. Stone Hall 192. Mr. TOTH.

182. Advanced Hotel Accounting. First term. Credit two hours. Prerequisite, Institution Management 181. Required of seniors in hotel administration. Lecture, W 9. Practice, W 10-1. Mr. TOTH.

FAMILY LIFE

111. The Family. Second term. Credit two hours. Lectures, T Th 11, Room 100. Professor VAN RENSSLAER.

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. Child Training. First term. Credit two or three hours. Prerequisite, Educational Psychology. Open to seniors. Laboratory limited to twenty students. Lectures, T Th 8, Room 100. Laboratory hours to be arranged in a block of five weeks, eight hours a week. Dr. PERKINS.

The lectures and the practice cover the care, feeding, and management of young children and the relation of the physiological rhythms to habit training and to character building, special emphasis being placed on the emotional life of the child. Laboratory fee \$5.

105. Advanced Problems in Child Training. First and second terms. Credit two to five hours. A course for qualified seniors and graduate students. Prerequisite, Educational Psychology, and Family Life 101. Hours to be arranged.

The course consists of lectures, round-table discussions, and observations of young children at play and at work under conditions especially adapted to meet the needs of normal childhood. Every student will be assigned a problem for investigation.

110. Seminar, Problems in Child Training. Second term. Credit two hours. A course for seniors and graduate students. Prerequisite, Family Life, 101 and 105. Hours to be arranged.

The course consists of discussions of behavior problems characteristic of the pre-school period. A special problem will be assigned to each student for reading and report.

125. Child Hygiene. First term. Credit two hours. Open to seniors. Lectures, T Th 10. Nursery School. Practice by arrangement. Dr. ———.

This course is designed to give the student a fundamental knowledge of the characteristics of the healthy child 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. Laboratory fee, \$3.

EXTENSION

100. Extension Organization, Administration and Teaching. First term. Credit three hours. Open to seniors and graduate students. Lecture, W 12. Practice, W F, 2-4.30, Room 100. Assistant Professor MORTON.

This course is designed for those trained in home economics who wish to enter the extension field. It includes the study of home economics extension from the standpoint of administration, organization, and teaching in this field. Problems in county administration, and teaching are carried on with local county groups. Laboratory fee, \$3.

200. Home Economics Extension, Advanced Work. Throughout the year. Credit two or more hours a term. Open only to graduate students who have had satisfactory training and experience. Hours by appointment. Assistant Professor MORTON.

Students will be given opportunity to do field work under supervision. Laboratory fee, \$3 a term.

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 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 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*

1. General Biology. Throughout the year. Credit three hours a term. Assistant Professor CLAASSEN and Mr. CUTLER. Lectures, M W 9 or 11, East Roberts 222. Laboratories, T F 8-10.30; M T W Th F 2-4.30, Roberts 302.

Not open to students who have had college courses in zoology and botany. Students must report to the Biology office, Roberts Hall 322, for assignment to laboratory sections. Laboratory fee, \$2.50 a term.

1. General Botany. First and second terms. Credit three hours a term; not ordinarily given for one term only. Lectures, T Th 9 or 11. East Roberts 222. Laboratory, one period of two and one-half hours. Stone Hall. Assignment

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

to sections must be made at the time of registration. Professor PETRY, Dr. GRANT, and Messrs. ARNOLD, BURKHOLDER, and others. Laboratory fee, \$2.50 a term; deposit, \$3, for first term only.

2. **Elementary Bacteriology.** Second term. Credit three hours. Prerequisite, Chemistry 101. Lectures, M W 12, Dairy Building 218. Laboratory, T Th 8-10 or 2-4, Dairy Building 301. Professor SHERMAN, and Messrs. PRICKETT and STARK.

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

3. **Elementary Bacteriology.** Second term. Credit two hours. Prerequisite, Biology 1, Chemistry 101, and Chemistry 880. Not accepted as a prerequisite for advanced courses. Lectures, M W 12; recitation, F 12. Dairy Building 119. Professor SHERMAN.

121. **Agricultural Economics: Accounting.** First term. Credit three hours. Not open to freshmen. Lectures, T Th 9. Farm Management Building 102. Laboratory, one afternoon a week, by assignment. Acting Assistant Professor HOLMES and Mr. W. POWELL. Laboratory fee, \$2.

122. **Agricultural Economics: Accounting.** Second term. Credit three hours. Not open to freshmen. Lectures, T Th 9. Farm Management Building 102. Laboratory, one afternoon a week, by assignment.

A continuation of course 121. Laboratory fee, \$2.

125. **Agricultural Economics: Business Management.** Second term. Credit three hours. Lectures, T Th 11. Farm Management Building 102. Professor

20. **Animal Husbandry: Meat and Meat Products.** First or second term. Credit three hours. Registration limited to forty. Laboratory assignment must be made at the time of registration. Lecture, M 8. Two laboratory periods a week.

101. **Introductory Inorganic Chemistry.** Repeated in the second term. Credit six hours. Professors DENNIS and BROWNE, Dr. MCKINNEY, and assistants. Lectures: Professors DENNIS and BROWNE, and Dr. MCKINNEY; T Th S 11, M W F 11; Baker Main Lecture Room. Recitations: one hour a week, to be arranged. Laboratory sections: Professors DENNIS and BROWNE, Dr. MCKINNEY, and assistants; M F 2-4.30, T Th 2-4.30, W 2-4.30, S 8-10.30; Baker 150.

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

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

225. **Introductory Quantitative Analysis.** Shorter course. Repeated in the second term. Credit three hours. Prerequisite or parallel, Chemistry 210. Mr. BRANDES and assistants. Lecture, Th 12, Baker 207. Laboratory sections, first term, Th F 2-5, T Th 9-12; second term, M T 2-5, T Th 9-12, Th F 2-5; Baker 252.

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

880. **Elementary Chemistry of Food Products.** Second term. Credit two hours. Prerequisite, Chemistry 101. Professor CAVANAUGH. W F 10. Baker 377.

2. **Mechanical Drawing.** First term. Credit three hours. Open only to students specializing in the institution management course. Lectures during laboratory periods. Laboratory: section 1, M 2-4.30 and T 8-10.30; section 2, 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. Work will begin with the first laboratory period. Students must apply at the department office before that period regarding materials required. Assistant Professor REYNA.

1. **Economics: Modern Economic Society.** Repeated in second term. Credit five hours. Professor ENGLISH. Daily, except S, 8, 9, 10, 11, 12, 2.

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.

2. **Economics: Modern Economic Society.** Throughout the year. Credit three hours a term. Professor ENGLISH. M W F 8, 9, 11. T Th S 8, 9, 11.

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.

11. **Economics: Money and Banking.** Repeated in second term. Credit five hours. Prerequisite, Economics 1 or its equivalent. Professor REED. Daily, except M, 11. Goldwin Smith 290.

1. **English: Elementary Composition and Literature.** Throughout the year. Credit three hours a term. Messrs. BALDWIN, CARROLL, GREENE, JOHNSON, P. F. JONES, LINDSAY, WILDER. M W F and T Th S 8, 9, 10, 11, 12. Rooms to be announced.

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 1 must apply at Roberts 292 on Wednesday, Thursday, Friday, or Saturday of registration week, for assignment to sections.

206. **Geology: Commercial Geography.** First term. Credit two hours. Prerequisite, Geology 200 or Economics 1. Professor VON ENGELN. Lectures, T Th 11. McGraw, Geological Lecture Room.

3. **Introductory Experimental Physics.** First term. Credit three hours. Lectures, Professor MERRITT; W F 9 or W F 11; Rockefeller A. Laboratory, Messrs. FISHER, FORD, LARSEN, and KINCAID; one two-hour period a week to be arranged; Rockefeller 220. Courses 3 and 4 form a continuous first course.

4. **Introductory Experimental Physics.** Second term. Credit three hours. Lectures, Assistant Professor HOWE; W F 9 or W F 11; Rockefeller A. Laboratory, Messrs. FISHER, FORD, LARSEN, and KINCAID. One two-hour period a week, to be arranged. Rockefeller 220.

303. **Elementary Human Physiology.** Repeated in second term. Credit three hours. Professor SIMPSON, Mr. DYE, and assistants. First term: M W F 10. Second term: Section A, M W F 10; Section B, M W F 12. Number limited to the capacity of the lecture room. Stimson 4.

314. **Elementary Biochemistry.** First term. Credit three hours. Prerequisite, Chemistry 375 or the equivalent. Assistant Professor SUMNER, Dr. BODANSKY, and Dr. GRAHAM. Lectures, M W 12; conferences, F 12. Stimson 4.

314a. **Laboratory Work in Biochemistry.** First term. Credit two hours. Prerequisite or parallel, Animal Biology 314. Assistant Professor SUMNER, Dr. BODANSKY, and Dr. GRAHAM. M W 2-5. Stimson 34.

111. **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 Hall 143; laboratory, T 2-4.30, Caldwell Hall 282; section 2, lectures, T Th S 8, Home Economics Building 100; laboratory, W 2-4.30, Caldwell Hall 202; section 3, lectures, M W F 9, Caldwell Hall 143; laboratory, T 2-4.30, Caldwell Hall 282. Second term: section 1, lectures, M W F 11, Caldwell Hall 143; laboratory, T 2-4.30, Caldwell Hall 282; section 2, lectures, T Th S 8, Caldwell Hall 143; laboratory, Th 2-4.30, Caldwell Hall 282. Professor KRUSE, Acting Assistant Professor WHITE, and Mr. BAYNE.

121. **Rural Education: Principles of Teaching in Secondary Schools.** First or second term. Credit three hours. Open to juniors and seniors who have completed course 111. Lectures: first term: M W F 11, Home Economics Building 100; second term: section 1, M W F 11, Caldwell Hall 100; section 2, M W F 8, Roberts Hall 292. Professors FERRISS and MOORE.

136. Rural Education: The Teaching of Home Economics in the High School. Second term. Credit three hours. Should be taken by juniors. Lectures, T Th 8. Home Economics Building 100. Laboratory, T or Th 2-4.30. Professor BINZEL. A one-day excursion is part of the course.

137. Rural Education: Directed Teaching in Home Economics. First or second term. Credit two to five 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 Hall 294. Professor BINZEL and Miss MATSON. A week-end trip for the purpose of studying equipment is a part of the course.

115. Rural Education: Psychology. First or second term. Credit four hours. For students of child training. Open to juniors and seniors. First term: section 1, lectures, M W F 11, ———; laboratory, M 2-4.30, Caldwell Hall 282. Section 2, lectures, T Th S 8, ———; laboratory, F 2-4.30, Caldwell Hall 282. Second term: lectures, T Th S 8, ———; laboratory, F 2-4.30, Caldwell Hall 282. Acting Assistant Professor WHITE.

116. Rural Education: Psychology. Second term. Credit two hours. For students of child training. Open to students who have had course 111. Lectures, T Th 11. Caldwell Hall 143. Professor KRUSE.

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

162. Rural Engineering: Hotel Power Plants. Second term. Credit three hours. For juniors. Prerequisite, course 161. Lectures and recitations, M F 11, Roberts Hall 292. Laboratory, W Th F or S 9-12, East Roberts 2. Assistant Professor RANDOLPH. Laboratory fee, \$5.

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

1a. General 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. Laboratory, M T W or F 2-4.30 or S 8-10.30. McGraw Hall 2. Professor REED, Assistant Professor YOUNG, Dr. FISHER, and Misses MEKEEL and McMULLEN. Registration with the department before instruction begins is necessary for the assignment of laboratory and lecture sections. Laboratory fee, \$3.50 a term.

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 students in the first two years of the undergraduate courses are required to attend lectures on hygiene and preventive medicine given once a week throughout the college year. The first year (Hygiene 1 and 2) is devoted to personal hygiene, mental hygiene, and first aid. The second year (Hygiene 3 and 4) is devoted to sanitation, disease prevention, and group hygiene.

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, must take, in addition to the scholastic requirements for the degree, one two, three, or four, terms, re-

spectively, 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, signalling, bayonet combat, 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, signalling, 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 Agriculture (page 15). 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. AUER 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. AUER 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.

4. **Boxing and Wrestling.** Instruction, for a small fee, at hours to be arranged. Messrs. FALLON and O'CONNELL.

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

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

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

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, aesthetic, 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 CASHO.

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