

CORNELL UNIVERSITY OFFICIAL PUBLICATION

Volume XXVIII

Number 20

Announcement of the
New York State College
of Home Economics
for 1937-38

Ithaca, New York
Published by the University
June 1, 1937

THE CALENDAR FOR 1937-38

FIRST TERM

1937		
Sept. 20	Monday	University entrance examinations begin.
Sept. 24	Friday	Freshman Week-End begins.
Sept. 27	Monday	Academic year begins. Registration of new students.
Sept. 28	Tuesday	Registration of old students.
Sept. 30	Thurs. 8 a.m.	Instruction begins.
Oct. 21	Thursday	Last day for payment of tuition.
Nov. 25-28		Thanksgiving recess.
Dec. 18	Sat. 12.50 p.m.	Instruction ends. } Christmas recess
1938		
Jan. 3	Mon. 8 a.m.	Instruction resumed.
Jan. 11	Tuesday	Birthday of Ezra Cornell. Founder's Day.
Jan. 31	Monday	Term examinations begin.
Feb. 9	Wednesday	Term examinations end.

SECOND TERM

Feb. 11	Friday	Registration of all students.
Feb. 14	Mon. 8 a.m.	Instruction begins.
Feb. 14-19		Farm and Home Week.
Mar. 7	Monday	Last day for payment of second-term tuition.
Apr. 2	Sat. 12.50 p.m.	Instruction ends. } Spring recess
Apr. 11	Mon. 8 a.m.	Instruction resumed.
May —	Saturday	Spring Day, recess.
June 6	Monday	Term examinations begin.
June 20	Monday	Seventieth Annual Commencement.

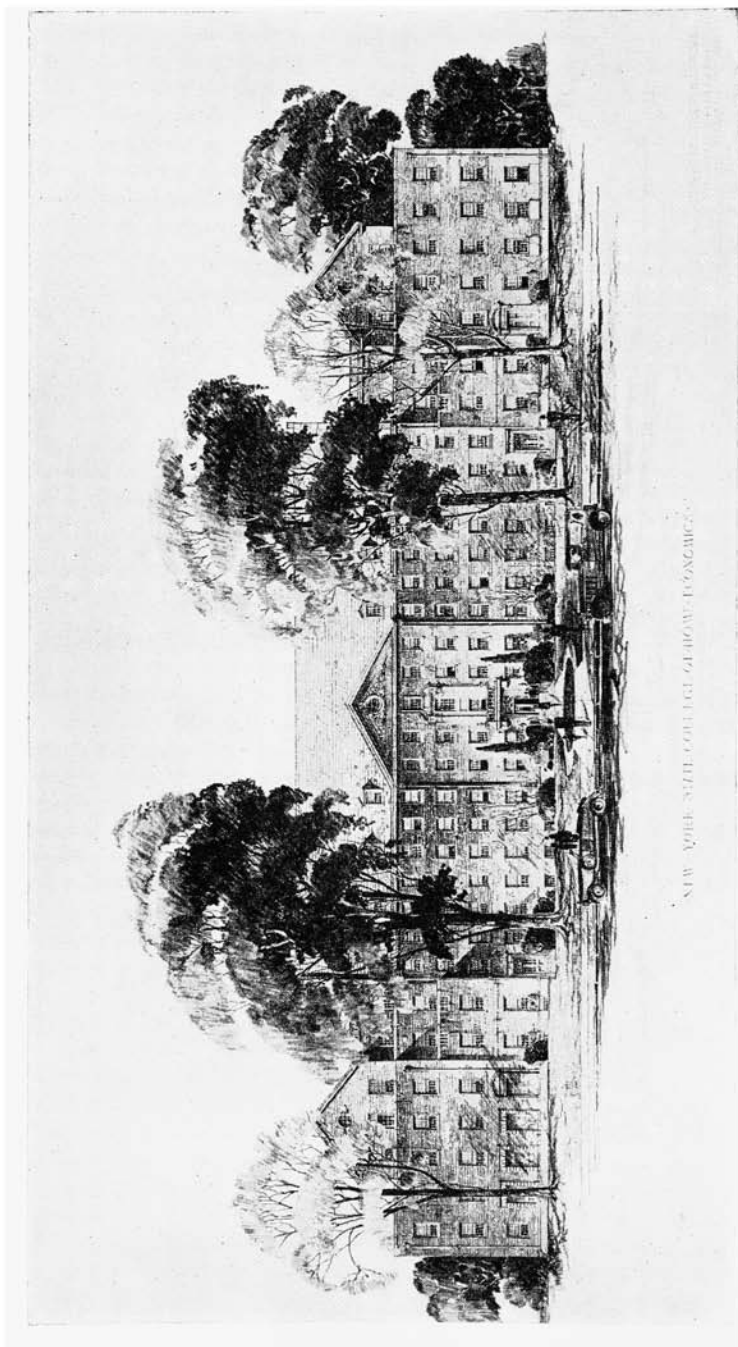
1938

SUMMER SESSION

July 11	Monday	Summer session begins.
Aug. 19	Friday	Summer session ends.

SECTION I. THE COLLEGE: ITS DEPARTMENTS AND SERVICES

Home Economics
Martha Van Rensselaer Hall
The College Departments
Student Guidance
Leadership in Home Economics
Hotel Administration



NEW YORK STATE COLLEGE OF HOME ECONOMICS

MARTHA VAN RENSSELAER HALL (ARCHITECT'S SKETCH)

THE COLLEGE: ITS DEPARTMENTS AND SERVICES

HOME ECONOMICS

Higher education for women was brought about by the desire of women to share with men the advantages and opportunities of a college education. At first, it followed the pattern of education which men had shaped to fit their own interests and needs. The changes, however, which a rapidly moving civilization produced, showed the need of another type of education for women.

Since the home was conceived as the specific field of women's activities, thoughtful persons gradually became aware that women should be educated for the responsible tasks of bearing, rearing, and guiding children and of helping to maintain the security of the home in a changing world. Thus home economics made its beginnings. Further, it became increasingly obvious that, since the management of the home does not require all of a woman's time, her training should also help her to make wise and balanced use of her leisure hours, and to contribute to community as well as to home life.

In the early stages of its development, education in home economics consisted largely of teaching in schools and colleges in a somewhat formal way the efficient performance of such household skills as cooking, cleaning, sewing, and caring for the family possessions, which had previously been taught in the home. Steadily the concept of home economics has broadened. Today it includes vital problems in wise and effective feeding and clothing of the family; in the care and guidance of children; in the organization and running of the home on a sound economic, social, and hygienic basis; in the growth of artistic sense and taste that brings beauty into the home in many ways, adding to the contentment and serenity of the family; in the stimulation and promotion of the educational and social interests of home, family, and community life. Through the utilization of science and art in meeting problems fundamental to individual and social well-being, home economics provides a type of cultural education for women that is different from any other.

On the vocational side, home economics gives a good background for a wide range of positions: as teachers of home economics in schools, colleges, and in extension service; as workers in nursery schools; as clothing advisers in educational and commercial concerns; as managers of cafeterias and tea rooms; as nutritionists and hospital dietitians; as directors of experimental kitchens and testing bureaus for food or equipment companies; as home service workers for public-utility companies; as writers on home-economics subjects for newspapers, magazines, and radio broadcasts.

Home Economics as a branch of education at Cornell began in 1900 and was established as a department in the New York State College of Agriculture in 1908. It was housed in a building of its own in 1910.

In 1919 the department became a School of Home Economics; and in 1925, by legislative action, it became a College. Linked with the resident instruction and the research is the extension service, which reaches into homes and communities throughout the State.

The College is the fourth largest of the colleges in the University. There are approximately 400 undergraduates, and 36 graduate students. The alumnae body numbers about 1450.

Through the courses offered in its various divisions of instruction and in the other colleges in the University, the New York State College of Home Economics aims to fulfill the broad purpose of home-economics education; namely, to promote the best development of the individual and to provide adequate training for success in a vocation or profession.

MARTHA VAN RENSSELAER HALL

The New York State College of Home Economics is housed in Martha Van Rensselaer Hall, named for the founder of home-economics education at Cornell. This building, which was dedicated in 1934, is on the upper terrace of the campus, overlooking Beebe Lake, and the rooms on its upper floors command an excellent view of Cayuga Lake as well. The architecture of the building is Georgian. A long central section connects two main wings. The Department of Family Life, including the Nursery School, is housed in a third smaller wing of the building. Three homemaking apartments are on the floors above the nursery school. Besides the classrooms and laboratories of each department, the building contains the administrative and staff offices, the college library, a cafeteria and tea room, an auditorium seating about 600 persons, student and faculty lounges, and a large room for student recreation. The school of Hotel Administration also has quarters in Martha Van Rensselaer Hall, and has a student body of 233.

THE COLLEGE DEPARTMENTS

Instruction in the College is organized around six phases of home and community life: Economics of the Household and Household Management; Family Life; Foods and Nutrition; Household Art; Institution Management; Textiles and Clothing. Work in each department deals with factual subject matter and practical experiences through which students are helped to become increasingly aware of problems and needs faced by individuals and communities in feeding, clothing, housing themselves and others, and in using human and material resources effectively. Effort is made to so interrelate the work of the departments that students think of them not as isolated divisions in the field of home economics but as closely related departments representing, for convenience in organization or instruction, the different aspects of the total program of homemaking.

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

The aim of the Department of Economics of the Household and Household Management is to clarify the relation between the management of money, time, and energy in the home and the well-being of individuals in the family, to help students understand the connection between the economic problems of the home and general economic conditions, and to help provide a background for intelligent civic action in furthering human well-being.

The department is housed on the first and ground floors in the east wing. The first floor includes classrooms, work rooms for research, and staff offices. On the ground floor are laboratories where staff, students, home-demonstration agents, and homemakers may work on problems related to the management of the various resources of the home. Space is available in these laboratories for erecting portable walls, making rooms of various sizes and shapes where the arrangement of equipment can be studied.

FAMILY LIFE

In courses in the Department of Family Life students are helped to understand their experiences in terms of human relationships. They study as objectively as possible their own social experience and that of others in order to discover some of the factors involved in human relationship and some of the ways by which these human relationships may be influenced.

A nursery school gives students an opportunity to study human relationships at an early level. Thus an objective means is provided for understanding the less obvious and more complex social behavior of adults.

FOODS AND NUTRITION

The Department of Foods and Nutrition aims to help students to translate into wholesome practices in daily living the knowledge which they gain in relation to food selection and preparation. It provides situations in which students may observe the food practices of individuals and families, may study the inherent problems and results of these practices, and participate in helping to improve them.

The rooms allocated to this department include a well-appointed foods-chemistry laboratory as well as rooms for metabolism study, and laboratories for foods-research and preparation. Two of these latter laboratories are arranged as unit kitchens to approximate home situations as closely as possible. A small dining room adjoins them and provides opportunity for serving the foods prepared.

The beginning course in the Department of Foods and Nutrition deals with chemistry as related to food preparation. Courses in nutrition give opportunity to study the physical results of different foods. The relation of food to health and disease is considered, and experiments with laboratory animals give graphic evidence of the effects of diet.

Students have an opportunity also to study the metabolism of adults, infants, and small children. Students assist in advising others concerning nutrition, they study the metabolism of students referred to the College by the medical department, and they help in working with parents who bring their children to the Department for observation and for dietetic advice and treatment.

The homemaking apartments of the College, the Cornell Nursery School, the emergency nursery schools, as well as the homes and public schools of Ithaca, the well-baby clinic, the Children's Home, and the students' own homes, serve as further laboratories for the study of foods and nutrition.

HOUSEHOLD ART

The Department of Household Art has to do with those areas of home economics in which art principles play a rôle. Foundation work in art applicable to all fields of home economics, work in house planning, furnishings, and home crafts, are included in its curriculum.

Through creative experiment and guided observation, the department offers opportunity for individual development and for the building up of a background of experiences that will make for a greater understanding and appreciation of one's everyday surroundings and of their relation to other phases of living. It offers practical ways of meeting some of the problems involved.

The laboratories for house planning and furnishings are provided with movable partitions which make it possible to plan and furnish rooms of different sizes and shapes. The problem of selection and arrangement of furnishings is made real through working in actual situations.

In the advanced design and color work and in the handicrafts, an informal plan of teaching gives to students freedom in the choice of hours for work as well as in the problems and technics to be used. A gallery providing opportunity to see art exhibitions of current interest is maintained in connection with these courses.

INSTITUTION MANAGEMENT

Our complex modern society, in which many women have become wage earners and in which many persons live away from home, has brought about the establishment of institutions to provide food, shelter, and many other services for groups rather than for family units. These institutions include commercial and industrial food-serving establishments, such as restaurants, tea rooms, and cafeterias. Hospitals, state institutions, schools, and colleges also offer problems of group living. The need for trained women to direct the activities of large-scale selection, preparation, and serving of food in such institutions has offered vocations which are well suited to women's abilities and interests. The institution manager or dietitian, like the homemaker, becomes directly responsible for the well-being and happiness of her group. Since this is true, she must have a sincere interest in people and must develop those qualities of leadership which will help her to direct and work with them successfully.

The Department of Institution Management offers courses to orient the student in some of the problems and technics of food administration and gives her a background of actual experience in situations where large numbers of persons are served. Additional practical experience gained through summer positions or apprenticeships is essential and, for those who wish to be hospital dietitians, a hospital internship of eight months to one year is required. (For preparation for hospital training, see pages 33 and 36.)

The department occupies a large portion of the lower part of the west wing of Martha Van Rensselaer Hall. The cafeteria dining rooms and kitchens were planned to give many opportunities for student projects. The equipment was selected on the basis of teaching possibilities, and students have an opportunity to become familiar with outstanding features of construction as well as of operation.

In the courses in institution management, the students participate in preparing and serving food in the cafeteria unit where approximately 500 patrons are fed at the noon meal. They may also share in the operation of the Green Room, a small tea room serving luncheons two days a week to a group of 60 to 80 guests, and in the catering problems which include banquets, buffet suppers, luncheons, picnics, and teas.

TEXTILES AND CLOTHING

The Department of Textiles and Clothing aims to help students to study clothing from the standpoints of health, comfort, and economy, to understand the contribution which clothing makes to social and professional success, to enjoy clothes as an expression of beauty, and to use them for creative self-expression.

The department includes five laboratories, two work rooms, and staff offices. One large laboratory with a stage may be converted into a small auditorium seating about 150 persons. Thus the room may be used not only as a laboratory but also for fashion shows, exhibits, panel discussions, and assemblies.

An interesting student project conducted as part of the advanced clothing classes is the Costume Shop. Here the students gain commercial experience as nearly like that which they would meet in the business world as it is possible to arrange in a college situation. The garments made are planned for customers, and students themselves organize the work, provide and distribute work to paid helpers, consult with customers, and carry on the various other activities characteristic of a custom dressmaking shop.

STUDENT GUIDANCE

In addition to the six subject-matter departments of the College, a service known as *student guidance* is maintained. This service functions as a coordinating channel between students, departments of the College, and administration, looking toward the development and use of procedures and curriculum as means toward the optimum adjustment and growth of each student.

Applicants for admission to the College are interviewed by members of the guidance group. These interviews are intended to acquaint the College with each applicant, help each student to evaluate more clearly her interests and capacities in relation to the type of educational experience home economics in this College can provide, and to help those who may find it inadvisable to undertake work in a large, complex university to become more aware of other educational possibilities which may be especially valuable to them.

During the summer, letters on college finances, clothing, and plans for programs of study are sent to each prospective freshman. In September preceding registration a Freshman Week-End is conducted to help freshmen to become acquainted with the college environment. Members of the guidance group and selected representatives from the subject-matter departments serve as faculty advisers to students during the college years.

As a service to members of the staff and to department groups, student guidance helps to supplement, correlate, and interpret data regarding the needs and progress of students as these point to improvement in classroom teaching, departmental offerings, and curriculum.

An orientation course for freshmen, courses in guidance in student leadership, and the courses offered in the Homemaking Apartments are part of the program in student guidance.

LEADERSHIP IN HOME ECONOMICS

The College of Home Economics aims to prepare certain of its students for leadership in homemaking education among families in any community where they may live. To this end work is recommended in sociology and education to supplement the offerings of the various departments of Home Economics, and courses are offered in community leadership. In these courses emphasis is given to a discovery of widespread and significant homemaking practices, conditions, and resources in New York State communities, and to a consideration of the possibility and desirability of their improvement. Actual experience in leadership in homemaking education is provided in communities near Ithaca.

HOTEL ADMINISTRATION

In 1922 at the request and with the financial aid of the American Hotel Association a department in hotel administration was organized in the University in the New York State College of Home Economics. While this department is under the administration of the College of Home Economics, it is maintained on funds not derived from state appropriations. The requirements with regard to tuition, curriculum, and other items are necessarily different from those for other students in the College. A separate printed announcement may be obtained by writing to Professor H. B. Meek, Martha Van Rensselaer Hall, Ithaca, New York.

SECTION II: ADMISSION

Entrance Requirements
Selection of Candidates for Admission
Special Examinations for College Credit
Admission with Advanced Standing
Admission with Special Standing

ADMISSION

ENTRANCE REQUIREMENTS

A formal application blank for admission to the College of Home Economics should be obtained from the Director of Admissions, Morrill Hall, Cornell University, Ithaca, New York. *March 1 is set as the last date* on which formal application for admission in September may be filed. *Application should be made well in advance of this date*, and all information asked for should be sent in as early as possible in order to expedite final selection of students.

Students are admitted to the New York State College of Home Economics by examination, by presentation of acceptable Regents' credentials, by acceptable school certificate, or by transfer from another college.

Applicants must offer for entrance either A or B:

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).

B. The New York State High School Diploma in Vocational Home-making with the further provision that elementary algebra, 1 unit, and either plane geometry, 1 unit, or physics, 1 unit, must be included.

In addition to the scholastic requirements, candidates for admission must present the following qualifications: a New York State Regents average of 80 per cent or above; a scholastic rating in the upper two-fifths of the high-school graduating class; evidence of such personality characteristics as self reliance, dependability, industry, persistence, and breadth of interest.

Candidates for admission must comply with certain regulations regarding an entrance deposit of \$25 *due before June 1*, and a certificate of vaccination *due before August 1*. Information with respect to these regulations and detailed statement with respect to the high-school subjects that may be offered for admission will be found in the *General Information Number*, which will be sent on request to any address by the Secretary of the University, Morrill Hall. Every applicant for admission should obtain a copy of the *General Information Number*.

SELECTION OF CANDIDATES FOR ADMISSION

More applicants seek admission into the College of Home Economics than can be accepted. Each is advised to investigate other educational opportunities and to make alternate plans to which she may turn in case she is not accepted into the College.

A personal interview is held with each applicant whose scholastic record meets the entrance requirements of the College. Letters are sent early in the spring announcing plans for interview meetings at various centers throughout the State.

SPECIAL EXAMINATIONS FOR COLLEGE CREDIT

A student who enters college with more units than are needed to satisfy the entrance requirements may, on passing special examinations, apply these credits toward the degree of Bachelor of Science. These examinations 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 Director of Admissions as early as possible, and at least twenty-four hours before the first examination, specifying which fifteen units she intends to offer in satisfaction of the entrance requirements, and on what other entrance subjects she wishes to be examined for credit. In case she fails to satisfy the entrance requirements in any one or more of the units on which she proposed to enter, but passes the credit examination in any other subject or subjects, she may use the latter toward satisfying entrance requirements, but in that case she cannot also receive college credit for it. The college-credit examinations are held September 20 to 24, 1937, on the dates set for the entrance examinations in the same subjects. (See pages 20 and 21 in the *General Information Number*.)

ADMISSION WITH ADVANCED STANDING

The records of students admitted to the College of Home Economics from another college in Cornell University or from another institution of collegiate rank, are evaluated for credit with advanced standing. In order to obtain the degree of Bachelor of Science, the student must meet the requirements for this degree as stated on page 29. She must also be in residence in the College of Home Economics for two terms prior to receiving the degree.

ADMISSION WITH SPECIAL STANDING

The College of Home Economics is able to accommodate only a limited number of special students. Before making formal application through the Director of Admissions for entrance with special standing, informal correspondence with the Assistant Director of the College or an interview with a member of the Committee on Admissions to Home Economics is desirable as a means of determining the possibility of acceptance as a special student.

SECTION III: FRESHMAN WEEK-END

FRESHMAN WEEK-END

Freshman students accepted for admission to the College of Home Economics in 1937 are expected to report at the Amphitheatre in Martha Van Rensselaer Hall on Friday morning, September 24, at nine o'clock, and to be present at all sessions of the program during Freshman Week-End. This arrangement helps freshmen to become somewhat acquainted with the new environment and to have ample opportunity to make plans for their year's work before college begins.

Dormitories are open Thursday afternoon, September 23, to accommodate freshmen who need to arrive Thursday.

All freshmen are expected to live in the dormitories during Freshman Week-End. Students regularly assigned to dormitory rooms may go directly there. Room assignments for students who live in Ithaca or who will be living off campus during the school year are arranged by the College. Students concerned should determine the room assignment by telephoning the Manager of Residential Halls (3331, extension 5) on Thursday, September 23, before four o'clock.

A charge of \$3 is made to each student to cover expenses for the week-end.

Complete information on the plan is sent to students who are accepted for admission to the College.

SECTION IV: GENERAL INFORMATION

Correspondence
Living Arrangements
Payments to the University
Estimate of Annual Student Expenses
Opportunities for Earning Expenses
Scholarships, Fellowships, and Prizes
Vocational Preparation and Placement

GENERAL INFORMATION

CORRESPONDENCE

The names and addresses of persons to whom inquiries of various kinds should be sent are given below. In each case, Ithaca, New York, is the post office address.

Admission to Cornell University: Dr. Eugene F. Bradford, Director of Admissions, Morrill Hall.

Admission to the College of Home Economics with special standing: Miss Mary Henry, Assistant Director of the College, before formal application is made through the Director of Admissions.

Requirements for graduation, evaluation of credits for advanced standing: Mr. O. W. Smith, Secretary of the Colleges of Agriculture and Home Economics, Roberts Hall.

Transcripts of college records: Office of the Registrar, Morrill Hall.

Graduate work in Home Economics: the Dean of the Graduate School, Morrill Hall.

Content of courses, vocational outlets in Home Economics, and correspondence of a general nature: Miss Esther Stocks, Secretary of the College of Home Economics.

Content of hotel courses, and the hotel-practice requirement: Professor H. B. Meek, Martha Van Rensselaer Hall.

Student employment, residence, and the like: the Office of the Dean of Women, Cornell University.

Board and room in the women's dormitories: Mrs. A. F. Grace, Manager of Residential Halls, Morrill Hall.

LIVING ARRANGEMENTS

Cornell University requires its women students to live in the residence halls (freshmen and juniors in Prudence Risley and Sage Halls, sophomores and seniors in Balch Halls). In these buildings the total cost of board, laundry, and rent of furnished rooms with heat and light is \$525, payable in quarters on September 1, November 25, February 11, and April 5. The halls are heated by steam and lighted by electricity. Dormitory facilities for women are adequate, and special permission to live elsewhere is granted by the Dean of Women to new students only under exceptional circumstances. The Dean of Women has jurisdiction over all women students in the University, and prospective students are requested to write to her for information concerning matters in which they may need assistance.

PAYMENTS TO THE UNIVERSITY

TUITION

Tuition is free to undergraduate students (except those in hotel administration and those registered in the Summer School) pursuing regular or special courses in the New York State College of Home Economics, who at the beginning of the college year are, and for at least twelve months prior thereto have been, bona-fide residents of the State of New York.

Any student transferring from one college or course in the University to another, must pay for the hours of credit she receives in the latter college or course an amount corresponding to the difference in tuition; and no such transfer shall be allowed or credit given until such payment has been made.

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

Four-year course, except the course in Hotel Administration	per year \$200
The course in Hotel Administration	per year \$400
Summer School in Home Economics	\$50

The tuition fees of \$200 and \$400 are payable, respectively, in installments of \$110 and \$220 at the beginning of the first term, and \$90 and \$180 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 her tuition charges, other fees, room and board, 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 her fees and other indebtedness within the prescribed period of grace, is thereby dropped from the University unless the Treasurer has granted her 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. A reinstatement fee of \$5 is assessed any student who is permitted to continue or return to classes after being dropped from the University for failure to pay within the prescribed time. 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.

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

Further information about the payment of tuition and other fees is given in the *General Information Number*.

OTHER FEES

A matriculation fee of \$10 is required of every student upon entrance into the University, and is payable at the time of registration. A new undergraduate student who has made the required deposit of \$25 with the Treasurer does not make an additional payment of the matriculation fee, because the Treasurer draws on the deposit for this fee. See page 20.

An administration fee of \$5 a term is charged every student in the College of Home Economics.

A health and infirmary fee of \$6 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 Information Number*, page 26.

A Willard Straight Hall membership fee of \$5 a term is required at the beginning of each term, of every undergraduate student. Its payment entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to regulations approved by the Board of Managers of the Hall.

The fee of \$5 a term is required of all graduate students except those who are members of the instructing staff, for whom membership is optional. The use of the hall is restricted to those who have paid this fee.

A physical recreation fee of \$4 is required, at the beginning of each term, of every undergraduate man and woman. Its payment entitles a man student to the use of the gymnasium and the university playgrounds, and to the use of a locker, bathing facilities, and towels, in the gymnasium, the New York State Drill Hall, or the Schoellkopf Memorial Building; and a woman student to the use of the women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker.

An examination book fee of \$1 is required of every student at entrance to pay for the examination books furnished to the student throughout her course. The charge is made against the student's deposit fee.

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 to cover the cost of materials used by the student are charged in courses that require work in laboratory, shop, or drafting room, or field work.

Deposits are made in advance at the Treasurer's office in some courses, particularly in chemistry. Charges for materials used are entered against the deposits, and at the end of the term any balance remaining is returned to the student.

Special fees. Assessments, charged to the student's account and payable at the Treasurer's office, are levied upon the student in certain circumstances.

Fees for late registration, for examination to make up an "incomplete", and changes or cancellation of courses are discussed on pages 26 and 27.

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, unless satisfactory excuse for the tardiness is presented to the Faculty Committee on Hygiene and Preventive Medicine.

A student is held responsible for payment of appropriate fee for any injury done to any of the University's property.

ESTIMATE OF ANNUAL STUDENT EXPENSES

UNIVERSITY

REQUIRED:

All students

Tuition (see page 18)	_____
Room and board in dormitory* (see page 17)	\$525.00
Administration fee	10.00
Infirmery fee	12.00
Willard Straight membership	10.00
Books, course fees, and materials (estimated minimum)	50.00
Physical-recreation fee	8.00
Total without tuition	\$615.00

For new students

Deposit with treasurer (by June 1 prior to entrance)	\$ 25.00
Drawn from this	
Matriculation fee	\$10.00
Examination-book fee	1.00
Guaranty fund to be retained until graduation. May then be returned	14.00

For freshmen and sophomores

Gymnasium equipment (to be purchased in Ithaca)	\$ 11.20
---	----------

For seniors

Graduation fee	\$ 10.00
----------------------	----------

DESIRABLE BUT NOT REQUIRED:

Freshman-banquet fee	\$ 1.50
Subscription to Cornell Daily Sun	4.50
Subscription to Cornell Annual	7.50
Music, University Concert Course (season)	3.50 to 7.50
Dramatic Club productions, each	0.50 to 1.00
Athletic games (season)—estimated	12.00 to 15.00

PERSONAL†

Transportation to and from home	_____
Clothing	_____
Recreation	_____
Miscellaneous	_____

*Additional charge is made to students remaining in Ithaca during Christmas and spring vacations.

†To be estimated by the individual. Statement of the average expenditures by freshmen for the current year is sent during the summer to incoming freshmen.

OPPORTUNITIES FOR EARNING EXPENSES

Applicants should understand at the outset that there is no way to earn while at college the entire amount necessary for the college course. Even before launching a plan to earn a portion of the college expenses, students should give careful consideration to the amount of remunerative work that can be carried successfully with college opportunities. Otherwise health, the quality of scholastic work, and many of the opportunities which a college education affords, are sacrificed. In planning their college programs students should remember that classroom work is but one part of education. Opportunities for participation in activities, time for social life, special lectures and concerts, reading, relaxation, sleep, and even spare time may be as significant in the educational program as are the courses for which the student registers.

Because time given to earning draws from some of these educational possibilities which no student can afford to miss, students who must work for any considerable part of their maintenance should limit the number of hours of academic work they carry each year and should be prepared to spend from four and one-half to five years on the college course.

Since it is especially difficult during the first year to combine college work and employment, *students are advised not to attempt college unless they have money for all expenses for the first year.* It should be borne in mind, also, that on entering college a plan must be made for meeting the expenses of the entire college course. *The office of the Dean of Women* should be consulted for assistance and advice in making such a plan.

EARNING BOARD

A few students may earn their board by waiting on table in the dormitory dining rooms. In these cases \$271 for the year is deducted from the total dormitory charge of \$525 for room and board. These positions are open mainly to upperclass students.

EARNING BOARD AND ROOM

It is possible for a student to earn her board and room in a private family in return for four hours of work each day. These opportunities are open mainly to upperclass students, since homemakers prefer to employ students who have completed their first year at college and have shown ability to handle housework and scholastic requirements at the same time.

Since Cornell University requires women students to live in the residential halls, special permission to live elsewhere must be obtained from the Dean of Women before any plans for work are made by the student.

MISCELLANEOUS WORK

Students may earn enough to pay for some of their expenses by doing part-time work, such as caring for children, serving at teas, light housework, clerical work, stenography, and typing. Calls for

this type of work are irregular and one cannot depend on earning any definite amount. Students should register at the office of the Dean of Women where an employment bureau for women students is maintained.

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

Students should acquaint themselves with the information on scholarships available for women in any college in the University. Information about these scholarships is given on page 30 of the *General Information Number*.

A few scholarships are available for students in Home Economics only. These are described in the following paragraphs.

THE MARTHA VAN RENSSELAER HOME BUREAU SCHOLARSHIP

The Martha Van Rensselaer Home Bureau Scholarship was founded by the New York State Federation of Home Bureaus and named for Martha Van Rensselaer, pioneer in home-economics extension service in New York State, first state leader of home-demonstration agents, and first Director of the New York State College of Home Economics. Application for the scholarship may be made by those registered as undergraduate students in the New York State College of Home Economics or by those qualified to do graduate work in home economics. The applicant should signify her intention to become a home-demonstration agent in the New York State Extension Service. Students of this College should file their applications with the Director of the College before January 1. Awarded for 1936-37 to Jessie Henrietta Reisner of the class of 1937.

THE CARRIE GARDNER BRIGDEN SCHOLARSHIP

The Carrie Gardner Brigden Scholarship was founded by the New York State Federation of Home Bureaus and named in honor of Mrs. Carrie Gardner Brigden, the first president of the Federation. The scholarship is awarded each year to either a junior or a senior in the New York State College of Home Economics or to a graduate of any qualified college who is to study at the New York State College of Home Economics, who needs financial assistance, whose college work shows distinguished ability, and whose character warrants the award. A qualified applicant intending to enter the extension service of the New York State College of Home Economics as a home-demonstration agent will be given preference. Applications should be filed with the Director of the College before January 1. Awarded for 1936-37 to Doris Gould Brigden of the class of 1937.

THE RUBY GREEN SMITH SCHOLARSHIP

The Ruby Green Smith Scholarship was founded by the New York State Federation of Home Bureaus and named for Dr. Ruby Green Smith, State Leader of Home Demonstration Agents and Councillor of the New York State Federation of Home Bureaus. The scholar-

ship is awarded to an undergraduate or a graduate student in the New York State College of Home Economics who is preparing to become a home-demonstration agent in the New York State Extension Service. Students should file their applications with the Director of the College before January 1. Awarded for 1936-37 to Vieno Ave Pertula of the class of 1937.

THE HOME ECONOMICS CLUB SCHOLARSHIP

The Home Economics Club Scholarship of \$100 is awarded to a senior student. The holder of the scholarship is selected on the basis of financial need and of outstanding ability in scholarship and leadership. Application should be filed in the office of the Secretary of the New York State College of Home Economics before March 1. The holder of the scholarship will be selected by the scholarship committee of the faculty, cooperating with a committee of three seniors appointed by the president of the Home Economics Club and with the approval of the director of the College. The award for the following year is announced before Commencement Day. Not awarded in 1936-37.

OMICRON NU SCHOLARSHIP

The Omicron Nu Scholarship of \$50 is awarded to a member of the Sophomore class. The award is made on the basis of scholarship, activity, and financial need. Applications must be filed in the office of the Secretary of Home Economics before March 1. Awarded for 1936-37 to Phyllis Virginia Wheeler of the class of 1938.

THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP

The New York State Federation of Women's Clubs offers from time to time a scholarship of \$250 to a student who has given evidence of scholarship and a desire to serve the interests of homemaking in New York State. Application should be filed with the Chairman of the Federation Scholarship Committee, Mrs. Frances Di Tomasso, 400 Elm Street, Syracuse, New York. Awarded for 1936-37 to Phyllis Virginia Wheeler of the class of 1938.

THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship is awarded by the Association of Home Economics Teachers of the New York City Elementary Schools to a graduate of a New York City high school studying at the New York State College of Home Economics and expecting to return to teach in New York City. Awarded for 1936-37 to Marguerite Helen Adams of the class of 1940.

DAUGHTERS OF THE AMERICAN REVOLUTION INDIAN SCHOLARSHIP

The New York State Conference, Daughters of the American Revolution, has created a scholarship in the College of Home Economics

for New York Indian students. This permanent scholarship is in memory of Olive S. Whitman, late wife of ex-Governor Charles S. Whitman. Applications must be filed at the office of the Director of the College before February 1. Awarded for 1936-37 to Bessie Theresa Ransom of the class of 1937.

THE ANNA CORA SMITH FELLOWSHIP

A research fellowship was established by Mrs. Anna Cora Smith for research in home-economics problems which will add to knowledge and be of service to women.

The research is to be carried on in some field of home economics, under the supervision of this College. The fellowship is granted by the Graduate School of the University, and all applications should be addressed to the Secretary of that school. Awarded for 1936-37 to Mrs. Rhea Johnson Loosli of Pleasant Grove, Utah.

PRIZES

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

LOANS

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

Notice of other loan funds, available to students of all colleges in the University, will be found in the *General Information Number*.

VOCATIONAL PREPARATION AND PLACEMENT

The Secretary of the College is in charge of student summer employment and of alumnae placements. Conferences are held with students on questions of vocational choice and preparation. Students are encouraged to register with the office for summer employment as part of their vocational program. A series of talks and discussions on fields of work, technics of application, letter-writing, and the like, is planned by the Secretary and a student committee. Meetings are held at frequent intervals throughout the year, and are open to members of all classes.

The office of the Secretary serves as a clearing house for requests by prospective employers for credentials of graduates. Records of school-year, summer, and graduate employment and reports from employers on work success are kept in this office.

Employment during the school year of undergraduates who are earning part of their expenses is in charge of the Dean of Women (see page 21).

SECTION V: SPECIAL REGULATIONS AND PROCEDURES

Registration

Late Registration

Changes in Course Registrations

Cancellation of Courses

“Incompletes” in Courses

SPECIAL REGULATIONS AND PROCEDURES

REGISTRATION

Students must register in the University, in the College, and for courses they expect to take as members of the College.

Registration in the University is held September 27 and 28 and February 11. Registration coupons are sent to each new student from the office of the Registrar. On the coupons are directions for registration in the University. If a new student has not received registration coupons by registration day, she should go in person to the Office of Admissions to procure them.

The College of Home Economics holds a preregistration so that students may have time to plan thoughtfully their programs for the ensuing year, and so that departments may have information of the number of registrants for various courses. Preregistration for upper-classmen is held in the spring, and coupons are filed at the Office of the Secretary of the College before the close of college in June. Freshmen are given opportunity to plan their programs during Freshman Week-End and at the close of the first term's work in Student Guidance 1.

Class and laboratory sections for sophomores, juniors, and seniors are made up during the summer in the office of the Secretary of the College, and preregistration coupons giving assignments to class sections are returned to students on the day of the University registration and are used as guides in making the official study card.

Students are given an opportunity during the ten days prior to Christmas vacation to make changes in their preregistration programs for the second term.

LATE REGISTRATION

The dates of the University registration are also the dates for filing the official study card or course registration.

A student desiring to register in the University after the close of registration day shall first pay a fee of \$5.

A student desiring to file his study card after registration day shall first pay a fee of \$2.

These assessments may be waived if failure to comply with the regulation was due to reasons beyond the student's control. Application for such a waiver should be made to the Office of the Director of Resident Instruction in Roberts Hall.

CHANGES IN COURSE REGISTRATIONS

When the official study card has been filed on registration day, the student's registration in the courses he has listed on it is complete.

Should he decide after the term has begun that he wishes to drop a course or to enter another, he must obtain a change-of-registration slip from the office of the Secretary of the College and file this at the same office when filled out. Students cannot be admitted to classes until their names are on the registration lists sent to instructors by the Secretary of the College.

After the first ten days of the term, changes in registration are made by petition only. Petition blanks may be obtained at the office of the Secretary of the College.

CANCELLATION OF COURSES

A student who decides to drop a course for which she has officially registered must make the cancellation by means of a change-of-registration slip, or by petition if the cancellation comes after the first ten days of the term. Failure to register the cancellation in this way makes the student liable to a grade of failure in the course.

"INCOMPLETES" IN COURSES

A student wishing to take an examination for the removal of a grade of "incomplete" must obtain a permit for such an examination from the office of the Director of Resident Instruction in Roberts Hall and must pay a fee of \$2 unless waiver of the fee is granted by that office.

A grade of "incomplete" must be removed before the expiration of two terms and a summer session. Otherwise the "incomplete" automatically becomes a failure.

SECTION VI: REQUIREMENTS FOR THE DEGREE OF
BACHELOR OF SCIENCE

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

Programs of courses leading to the degree of bachelor of science are built around a specified distribution of courses totaling 120 credit hours for the four years. In outlining this distribution effort has been made to provide opportunity for the student to gain a broad educational background as a basis for effective living and functioning in her environment.

The requirements for the degree provide that one-fourth of the 120 credit hours be devoted to basic courses in the biological, physical, and social sciences; one-third to courses in home economics; and about one-third to elective courses with a limit fixed as to the number which may be taken in colleges other than the state colleges. In addition, English, Hygiene, and Physical Education are taken by all students.

To be eligible for the degree of bachelor of science, the student must have a cumulative average of at least 70 for the work of the college course.

Credits should be distributed as indicated in each group.

<i>Group 1</i>	<i>Credit hours</i>
Basic sciences.	30
Courses in any college in the University. Choose two or more from each of the following groups:	
a. Biological sciences: General Biology, Zoology, Botany, Bacteriology, Physiology, Anatomy, Histology, Biochemistry, Entomology	9
b. Physical sciences: Chemistry, Physics, Astronomy, Geology.	9
c. Social sciences: Economics, Government, History, Psychology, Sociology.	12
 <i>Group 2</i>	
Home Economics minimum required hours.	40
Courses listed in this announcement on pages 38 to 53.	
 <i>Group 3</i>	
Electives.	42
a. Courses in any college in the University.	24
b. Courses in the state colleges of Home Economics, Agriculture, Veterinary Medicine.	18
 <i>Group 4</i>	
English 2.	6
Hygiene 1 and 2.	2
Physical Education.	0
Total hours.	120

Note: Agricultural Engineering 10 may be counted as Physics. Of the 10 hours of credit in **Foods and Nutrition 2** (page 42), 6 hours are credited to *group 1b* as

Chemistry and 4 hours to *group 2* as Foods. **Economics of the Household 130** may be counted as Economics, but if so taken will not be counted in *group 2 or 3*.

Courses in Hotel Administration may be counted in *groups 3a and 3b*; they may be included in *group 2* only by faculty permission, except for **Hotel Administration 85 and 87** which may be so counted without question.

Group 1 and *group 3a* may be taken outside the state colleges without additional charge to the student. If, however, a student fails or receives a grade of Z in any course in either *group 1 or 3a*, the credit hours of the failed course are counted against *group 3a*. Courses may be taken outside the state colleges beyond this limit of 24 hours after completion of the 120 hours required for graduation, and upon payment of \$12.50 for each credit hour.

SECTION VII: PROGRAMS AND COURSES OF STUDY

General Program

Special Courses of Study

Preparation for Graduate Training in Dietetics

Vocational Home Economics Teaching

PROGRAMS AND COURSES OF STUDY

GENERAL PROGRAM

The College desires to cooperate with each student in planning her program to the end that she discovers and finds expression for her innate endowment, develops herself personally, and prepares herself for vocational contribution. "Program" is interpreted by the College to include all of the activities—academic, personal, and social—to which the student gives interest and time, and is thought of as the *means* through which each will achieve educational, personal, and social development during the college years.

Throughout the college course each student is encouraged to work out her own program in accordance with her individual needs and interests, keeping in mind, especially after the freshman year, the plan of courses basic to the degree as given on page 29.

As a basis for building a balanced program, the average schedule of courses should approximate 15 credit hours each term. During the several terms, however, either more or fewer hours may be taken depending upon the courses selected and upon the ability and total program of the individual. Students earning any considerable part of their college expenses are expected to limit their schedule of courses to 12 or 13 credit hours a term and to spend four and a half or five years to complete requirements for graduation.

A general course of study suited to the needs and total program of each student is advised for freshmen and sophomores. There are several reasons for this. A broad general selection of courses is helpful in discovering interests and abilities and in promoting personal development; vocational plans often change as the student becomes better acquainted with her capacities and with the many openings into which home economics may lead. Furthermore, if specialized vocational training is started too soon, the breadth of knowledge which is important for both living and vocational progress is sacrificed.

Students who enter the College of Home Economics should therefore consider the first two years as offering background for individual development, and for foundation in home economics and the sciences; the last two years, as offering increased breadth of training as well as more specific preparation for a chosen vocational field.

Freshmen are urged not to plan schedules of courses for themselves before entering college, but to consider carefully what they wish especially to accomplish through the college experience and the ways in which the college program as a whole may contribute to this. Guidance on schedule of courses and on program is given to the freshmen during Freshman Week-End.

SPECIAL COURSES OF STUDY

PREPARATION FOR
GRADUATE TRAINING IN DIETETICS

Certain courses designed to give post-graduate training in hospital dietetics, in food clinics*, and in non-hospital administrative work have been approved by the American Dietetic Association. Students who wish to enter these courses should fulfill the following requirements:

<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Chemistry.....	12 to 17	Education.....	3
To include:			
General		Food preparation.....	6 to 8
Organic		To include:	
Physiology		Experimental cookery	
		Meal planning	
Biology.....	6 to 13	Nutrition.....	6 to 8
To include:		*Institution Management.....	6 to 9
Human Physiology and		To include:	
Bacteriology		Organization and Management	
Social Sciences.....	9 to 12	Institution buying	
To include:		Institution accounting	
Psychology		Quantity cookery	
Sociology			
Economics			

*For food-clinic work, institution management is not considered necessary. The 6 to 9 hours allotted to this should be distributed among the other groups suggested, particularly in social sciences, education, food preparation, and nutrition. Field work in the social sciences, practice teaching, and residence in the homemaking apartments are highly desirable.

VOCATIONAL HOME ECONOMICS TEACHING

Students who expect to teach are asked to consult Professor Binzel before registering for courses in education. In admitting students to the courses in special methods and directed teaching, consideration is given to scholarship, health, personality, and other qualities generally regarded as contributing success to the teaching profession.

In the majority of school systems instructors in home economics teach all phases of homemaking. Even in those schools in which homemaking is departmentalized it is highly desirable that each teacher have a broad view of the entire field. Summer school will offer a valuable means of supplementing the regular college work.

To meet the New York State requirement for teachers in secondary schools, candidates for certification must complete 18 hours in Education as follows: educational psychology, 3 hours; principles of education, 3 hours; methods, observation, teaching, and extra-instructional problems, 9 hours; electives, 3 hours. These requirements may be met as follows:

	<i>Hours</i>
Educational Psychology: Rural Education 111, or 112, or Education 1 . . .	3
Principles of Education: Rural Education 181	3
Methods, Observation, Teaching, and Extra-instructional Problems	9
These are integrated units of work involving the following courses:	
	<i>Hours</i>
The teaching of home economics in the secondary school:	
Rural Education 135	3
Extra-instructional problems: Rural Education 137	2
Directed teaching of home economics in the secondary school: Rural Education 136	4
Elective	3
(Rural Education 117, Child and Adolescent Psychology, may be accepted as an elective and is required of teachers of home-making as a prerequisite for Family Life 101)	
Total	18

In order to qualify for teaching home economics, a student should plan, in addition to the above requirements in Education, her college program and her experiences during the summers so as to build a sound background of practical knowledge and technical information in all phases of home economics, and in the understanding of herself, children, and adults. She should also be able to recognize in homes and communities the significant situations and problems to which home economics applies. She should use home economics to achieve sound practices in her own living and should give evidence of growing skill in helping others to interpret and apply its findings and standards to the solution of individual, home, and community needs.

SECTION VIII: AFFILIATIONS

The Merrill-Palmer School

The New York Hospital School of Nursing

AFFILIATIONS

THE MERRILL-PALMER SCHOOL

Students may be selected in their junior or senior year for work at the Merrill-Palmer School in Detroit. Selection is on the basis of scholarship, sincerity of interest in the study of child development, and readiness for intensive work in this field. Application should be made through the Secretary of the College of Home Economics by April 15 in the year preceding attendance. Students receive full credit at Cornell for courses taken at the Merrill-Palmer School.

A limited number of graduate assistantships is available each year for work at the School. Students interested in these should consult the Merrill-Palmer catalogue and should leave their names at the office of the Secretary of the College of Home Economics.

THE NEW YORK HOSPITAL SCHOOL OF NURSING

Through an informal arrangement between the New York Hospital School of Nursing and the New York State College of Home Economics, certain courses taken at the New York Hospital may be accepted for advanced credit by the College of Home Economics. Thus it is possible to complete the requirements of both institutions in less time than is required if the courses are taken independently.

Suggested arrangements for work in the two schools may be obtained from the Assistant Director of the College of Home Economics.

Announcement of the New York Hospital School of Nursing may be obtained by writing to Miss Anna Wolf, Director of the School of Nursing, 525 East 68th Street, New York City.

SECTION IX: DESCRIPTION OF COURSES

(Unless otherwise noted, all courses are given in Martha Van Rensselaer Hall.)

DESCRIPTION OF COURSES

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

[26. **Consumer Education for Buying.** First or second term. Credit three hours. Mrs. HOTCHKISS and Miss ROLLINS, with representatives of other departments participating.] Not given in 1937-38.

The purpose of this course is to help students to recognize factors involved in making wise choices of commodities, to find guides and sources of reliable information about products, and to become considerate and discriminating buyers. Characteristics of certain typical articles of food, clothing, furnishings, and equipment are discussed and exhibited with the purpose of illustrating the wide range of uses for which any one type of commodity may be bought, the wide variation in the quality of goods available, and the management involved in selecting the articles most appropriate in the situation which confronts the individual. The effects of consumers' buying practices on production and on marketing costs and policies are considered. Visits are made to various retail agencies to observe market offerings and behavior of consumer-buyers, and to homes to observe buying practices used under various conditions. Fee, \$5.

112. **Household Management in Relation to Family Living.** First or second term. Credit three hours. Consult the instructor before registering. T 9-11, Th 9 and 2-4.20. Room G19. Assistant Professor CUSHMAN.

Methods of work, arrangement of work centers, selection and use of equipment and materials are studied from the viewpoint of economy of energy, time, and money and of satisfaction of the family. Special problems may be chosen by individuals or groups of students through which opportunity is given for independent thinking and experimentation. The students consult with homemakers, extension workers, teachers of homemaking, home service representatives of gas and electric companies, manufacturers, and salesmen. Trips are made to homes, schools, community halls, and factories. Portable walls are used in experimental work on the arrangement of equipment in kitchens and other work centers. Practice is given in the selection and use of source material in household management. Total expenses for trips vary from year to year but amount to less than \$5. Fee, \$7.

130. **Economic Conditions as They Affect the Welfare of Families.** First or second term. Credit two hours. Consult the instructor before registering. T Th 11-12.30. Room 121. Professor CANON.

The purpose of this course is to help students understand the changes which have occurred in the economic welfare of families in this country, and some of the factors related to these changes. A study is made of production as it relates to economic welfare, the national income as it relates to family incomes, the significance of price in our economic organization and of changes in the price level. Fee, \$2.50.

145. **Management of Personal and Family Finances.** First or second term. Credit two hours. Primarily for seniors. W 10-12 and F 2-4. Room 121. Professor CANON.

A course designed to help senior students with their financial planning. Among the subjects considered are: the relation between financial management and other management problems; factors influencing the amount of one's real income; efforts which the individual can make toward attaining financial security; important considerations in a savings program and an investment program; policies in borrowing, sources of credit, and availability and charges of lending agencies; records and statements helpful in financial management. Fee, \$2.50.

150. **Special Problems.** First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head

of the department for independent, advanced work on a problem not dealt with by other courses in the department. Fee determined by the problem.

160. Marketing Problems from the Consumer's Viewpoint. First or second term. Credit two hours. Consult the instructor before registering. T 9-11, Th 2-4. Room 124. Mrs. HOTCHKISS and Miss ROLLINS.

This course is designed to help students understand some of the problems of marketing goods as they relate to: the supplies available for consumers; buying practices of consumers; demand; standards for goods; and information concerning goods. Action bearing on these problems which has been taken by the government, by business associations, by private agencies, or by other organizations is considered, as well as the part which can be played by these groups in the solution of existing problems. Visits are made to several marketing agencies. Fee, \$3.

212. Management Problems in the Home. First term. Credit one hour. Primarily for graduate students. Prerequisite or parallel, Economics of the Household 112. One two-hour period by arrangement. Room G19. Department staff.

Research being conducted by members of the group is discussed, as well as findings and methods of other workers.

250. Economic Problems of Families. Second term. Credit two hours. Primarily for graduate students. Consult the instructor before registering. Hours to be arranged. Room 121. Professor CANON.

Attention is given to clarifying economic problems of families, tracing relationships, and reviewing the literature bearing on such problems. Two or three outstanding contributions to economic thought relating to this field are analyzed. Methods of research are examined.

290. Seminar. First and second terms. Two hours by arrangement. For graduate students. Room 114. Department staff.

FAMILY LIFE

100. Observation of Children. First or second term. Credit two hours. Lectures and discussion, T Th 8. Amphitheatre. One hour of observation weekly in the Nursery School or in the homemaking apartments, or in homes where there are young children. Each student's program should permit observation at three different hours between 9 and 3, sometime during the semester. Laboratory to be arranged after the first lecture period. Professor FOWLER, Assistant Professor REEVES, and Miss DAVIS.

This course undertakes to help the student to become more aware of situations which children meet in their relations with others and in relation to their environment, the effort they make to solve the difficulties involved, and the ways in which they may be helped in their adjustments. A consideration of students' childhood histories, together with observation of children in their homes and in the nursery school, gives concrete material for illustration and discussion. Fee, \$5.

101. Behavior and Guidance. First or second term. Credit three hours. Advised for teachers and extension workers. Prerequisite, Rural Education 111 or 112. Prerequisite or parallel, Rural Education 117. Lectures and discussion, M W F 8. Room 121. Two hours of observation weekly in the laboratory. Programs to be checked with the instructor during registration. Laboratory to be arranged after the first lecture period. Professor WARING and Assistant Professor REEVES.

In this course the study and observation of children is made the basis for the students' understanding of the less obvious and less simple behavior of themselves and other adults, and of the function and relation of routine and creative activities in the total pattern of behavior.

Students are directed to observe the child's behavior impersonally and objectively; to record accurately what they see; to organize their records so that they disclose significant and characteristic behavior of each child; to distinguish between desirable and undesirable guidance procedures of adults.

Nursery-school observation is arranged at different hours each day in order to sample typical activities. These hours should be planned with the instructor during registration. Laboratory fee, \$7.50.

107. Creative Materials in Child Development. First term. Credit three hours. Lecture and discussion, M W 8; laboratory, F 8-10. Room 124. Two hours of observation weekly in the Nursery School and private homes. Programs should allow a free 9, 10, or 2 o'clock hour for observation. Limited to 24 students. Professor FOWLER.

This course is concerned with important creative materials in the child's environment, such as toys, blocks, books, pictures, plastic materials, paint, tools and nature materials, and the child's response to them. It deals with the principles underlying the selection, construction, use and care of these materials and with the evaluation and adjustment of these to meet the growing needs of the child. Observations, home visits, shop work, reading, discussion, and reports make up the course. Fee, \$7.50.

[**111. The Family.** First term. Credit two hours. For seniors, and others by permission. ———.] Not given in 1937-38.

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.

114. Family Relationships. First or second term. Credit three hours. Open to students with adequate background in Family Life and on the approval of the instructor. Limited to thirty students in each section. Lectures and discussion. First term, M W F 9 or 11. Second term, M W F 9. Room 124. An additional conference hour, the time to be arranged, is required of students registered for graduate credit. Professor ROCKWOOD.

Through discussion, reading, observation, and the examination of research studies on personality development, the student is helped to understand the origin and development of personality. The first part of the course deals with the physiological and mental bases of personality and the modification of these by the social or cultural environment, special attention being given to the influence of early family experience on personality development. With this background of understanding of the foundations of human nature and the factors which influence behavior, consideration is given to some specific family relationships, such as husband-wife, parent-parent, parent-child, and child-child. Fee, \$5.

120. Experience with Children. First or second term. Credit two hours either term. A total of thirty hours of directed experience with children for each hour of credit. May be concentrated in a block of five weeks or taken throughout the term. One hour of conference each week throughout the term. Hours to be arranged. Open to a few freshmen and sophomores only upon recommendation of adviser and with the approval of the head of the department. Professor FOWLER, Assistant Professor REEVES, and Miss DAVIS. Fee, \$7.50.

[**125. The Health of the Infant and the Young Child.** Second term. Credit two hours. Dr. BULL.] Not given in 1937-38.

This course includes discussions of good health and how the family may develop and maintain it, the relation to health of housing, food and nutrition, textiles and clothing, household income, management and scheduling, and family relationships. Emphasis is placed on indications of health and some of the hygienic measures which give maximum protection from the defects and diseases of infancy and early childhood. Fee, \$3.

126. Home Nursing and Child Care. First or second term. Credit two hours. Discussions, W 2. Demonstrations and practice, M or F 2-4. Room 277. Mrs. PEABODY.

This course is concerned with the fundamentals underlying routine health activities, such as sleep, rest, exercise, hygiene, immunization, and general care. It aims to familiarize students with the modifications necessary in these to meet with common diseases, physical defects, and disturbances likely to be found in any home, and to help students with the ordinary technics in home nursing which contribute to the comfort and happiness of one who is hurt, sick, or convalescent. Fee, \$3.

150. Special Problems. First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department for independent, advanced work on a problem not dealt with by other courses in the department. Fee determined by the problem.

200. The Home and Family Life. Second term. Credit three hours. Open to graduate students with adequate training in Family Life. T Th 8. Third hour by arrangement. Amphitheatre. Professor FOWLER, Assistant Professor REEVES, and Miss DAVIS.

This course is planned to give advanced students some experience with less mature students in developing a simple organization of the various areas of home-economics subject matter around the central theme of the life of the family in the home. Fee, \$5.

205. Behavior and Guidance, Advanced Course. Second term. Credit three hours. Prerequisite, Family Life 101. Lectures and discussion, T Th S 8. Room 124. Programs to be checked with the instructor at registration. Laboratory to be arranged after the first lecture period. Professor WARING.

The observation and the discussion in the class are based upon the behavior of young children in the Nursery School. Students are directed to observe what situations young children meet, how they meet them, and what adults do to help or to hinder the children in meeting them in desirable ways. The students undertake to study a child's total behavior; that is, to see what he may be doing, feeling, and thinking. Within this total experience the students attempt to analyze and evaluate in order to discover which aspects of the total experience are most significant, whether they should be developed or redirected, and how adults may be effective in guidance. Students are encouraged to apply to themselves the principles underlying personality development which they observe at work in the lives of the children. Fee, \$7.50.

215. Studies in Family Life. First and second term. Credit two to four hours. Open to graduate students. Prerequisite, background for research in Family Life. At least four hours each of two terms for students majoring in the department for a master's degree or minor for a doctorate. Th 1.40-3 is held provisionally for group activities. Professors WARING and ROCKWOOD. Fee, \$7.50.

220 a and b. Participation in the Nursery School. First or second term. Credit three or four hours, either term. Open to a limited number of seniors and graduate students with adequate personal and professional qualifications. Prerequisite, Family Life 101, and prerequisite or parallel, Family Life 107. A total of thirty hours of supervised participation with the children in the Nursery School for each hour of credit. May be concentrated in a block of five weeks or taken throughout the term. One hour of conference each week throughout the term. Professor FOWLER, Assistant Professor REEVES, and Miss DAVIS.

a. Participation in the Junior Nursery School. Credit three or four hours. Laboratory hours to be arranged. Conference, M 3. Room 124. Fee, \$7.50.

b. Participation in the Senior Nursery School. Credit three or four hours. Laboratory hours to be arranged. Conference, T 12. Senior Nursery School. Fee, \$7.50.

Participation in the Nursery School is designed to be an experience in group living, for adults and children. The dynamics of human relations are made meaningful to the students through their participation, and through study of child-child and child-adult relationships.

223. Marriage. Second term. Credit three hours. Open to graduate and senior students. Limited to thirty members. Prerequisite, Family Life 114 or permission of the instructor. Lectures, M W F 11. Room 124. Professor ROCKWOOD.

This course deals with social and economic changes which today are influencing the relations of men and women before and after marriage; scientific information which has promoted the study of mate choice and marital adjustment; the development of affection in the individual and the achievement of heterosexuality; substitutes for mate love and the adjustment of the single person; the choice of a

mate; courtship and engagement; the nature of the marriage relationship and factors which influence adjustment to this relationship; adjustments to parenthood. Fee, \$5.

Note: The attention of advanced and graduate students is called to **Rural Social Organization 221**, and to **Rural Education 228**.

FOODS AND NUTRITION

1. **The Art of Cookery.** First or second term. Credit two hours. Limited to sixteen in a section. Discussion, F 11. Room 121. Laboratory, M W 11-1, Room 358, or T Th 2-4, Room 361. Miss CLOSSON.

This course offers opportunity for students who are interested in working with food to express this interest creatively. Fee, \$15.

2. **Science Related to Food Preparation.** Throughout the year. Credit five hours a term. Lectures: first term, M W F 9; second term, M W F 10. Amphitheatre. Practice, first term: M W 2-4; T Th 9-11 or 2-4. Two sections each period. Practice, second term: M W 2-4.20; T Th 10-12.20 or 2-4.20. Two sections each period. Rooms 353, 356, and 358. Professor PFUND, Assistant Professor PERSONIUS, Dr. SMITH, and Misses CLOSSON and TRAER.

The purpose of the course is to help the student to gain, through the study of basic chemical principles, an understanding of the fundamental underlying cookery processes and a means of controlling the nature of cookery products. The course qualifies the student to elect such chemistry courses as may have for their prerequisites the usual background of elementary inorganic chemistry and some of organic chemistry. Fee, \$18 a term.

9. **Food Preparation: Principles and Comparative Methods.** First term. Credit five hours. Must be preceded or accompanied by Organic Chemistry. Lectures, M W F 9. Room 339. Practice, M W 2-4.20. Room 361. Assistant Professor FENTON.

The purpose of this course is to give the student a general view of what has been done to apply science, particularly chemistry, to the solution of cooking problems and to make practical use of this knowledge. Fee, \$18.

9a. **Food Preparation: Principles and Comparative Methods.** First term. Credit four hours. Lectures, W F 9. Room 339. Practice, M W 2-4.20. Room 361. Assistant Professor FENTON.

This course is similar to course 9 but does not require a knowledge of organic chemistry. Fee, \$18.

11. **Food Preparation.** First or second term. Credit three hours. Required of students registered in hotel administration. Lecture, M 12. Room G62. Practice, W F 8-10.20 or 10.30-12.50. Room 352. Mrs. MEEK and Mrs. SAYLES.

This course presents the underlying principles involved in the preparation of the various types of foods. The information given enables the student to acquire a skill in preparing food in small quantities, and to develop an appreciation of the details and manipulation required to produce products of the highest standard. Fee, \$18.

12. **Food Preparation.** First or second term. Credit three hours. Required of students registering in hotel administration. Prerequisite, Foods and Nutrition 11 or the equivalent. Lecture, M 12. Room 3M13. Practice, T Th 8-10.20 or 10.30-12.50. Room 352. Assistant Professor BOYS.

This course is based on the knowledge and skills acquired in course 11. Opportunity is offered for experience in the preparation of special dishes adapted to hotel service, such as canapés, entrées, salads, sea foods, and special meat dishes. Fee, \$20.

[18. **Food Selection: Dietetics, Elementary Course.** First or second term. Credit one hour. Elective for students in hotel management. ———.] Not given in 1937-38.

[22. **Food Selection: Dietetics, Introductory Course.** First or second term. Credit two hours. Assistant Professor BRUCHER.] Not given in 1937-38.

This course presents the importance of desirable food-selection habits and

health practices in promoting good nutrition. It is planned especially to help entering freshmen with individual nutrition problems. Fee for materials, \$2.

102a. Science Related to Foods. Throughout the year. Credit two hours a term. Open to graduate students and transfers by permission. Attendance at Foods and Nutrition 2 lectures required. One hour to be arranged. Professor PFUND, and Assistant Professor PERSONIUS.

This course is designed to help the more mature student make use of science in the study of foods, and to give her an opportunity to discuss the current literature. Fee, \$1 a term.

102b. Science Related to Foods: Advanced Laboratory Course. First or second term. (Second term only 1937-38.) Credit three hours. Open to graduate and upperclass students with adequate training. Limited to six students. Two three-hour laboratory periods and one class hour to be arranged with the instructor before registration. Room 357. Professor PFUND and Assistant Professor PERSONIUS.

An opportunity is given for independent laboratory work on special problems in which the student is interested. Fee, \$10 or more depending upon the nature of the work.

109. Food Preparation, Advanced Course. First or second term. Credit three hours. Prerequisite, Foods and Nutrition 1, 2, or 9. Lecture, M 10. Room 3M13. Practice, M W 2-4.20. Room 352. Assistant Professor BOYS.

A course planned to give a broad view of the field of food preparation. Different types of dishes used for specific purposes and various occasions are studied. The course assumes a knowledge of underlying principles of food preparation and ease in manipulating food materials. Fee, \$18.

111. Meal Planning and Preparation. First or second term. Credit three hours. Prerequisite, Foods 1, 2, or 9 and some work in Nutrition. Limited to sixteen students a section. First term: Lecture, T 10. Room 339. Practice, T Th 11-1.30. Room 361. Second term: Lecture, M 10. Room 339. Practice, M W or T Th 11-1.30. Room 361. Assistant Professor FENTON.

This is an advanced course in meal planning, selection, preparation, and serving of food. Emphasis is given (1) to choice of food as it relates to management of time, money, and energy; (2) to preparation and serving of meals from the standpoint of management and attractiveness. Fundamental scientific principles and practices developed in previous courses are reviewed, supplemented, interrelated, and applied to typical situations. Half-day trips to Syracuse, Oneida, and Corning are included. Approximate cost, \$2. Fee, \$18.

121. Food Selection: Nutrition and Dietetics. Second term. Credit three hours. Lectures, discussions, and laboratory. Sections 1 and 2, for students who have taken Foods 22, M W 10, F 10-12, or M W 2, F 2-4; section 3, for students who have not had Foods 22, M W 9, F 8-10. Room 426. Assistant Professor BRUCHER.

This course considers the everyday problems of food selection. It takes up the study of food and normal body growth, factors which influence individual requirements, the nutritive value of certain foods, the provision of adequate and satisfying food on a restricted budget. Food selection outside the home, meal planning in the home, and common marketing problems are discussed. Food fads, fallacies, faulty advertising, and some of the social problems involved in feeding people are included. Students work individually or in small groups. Fee, \$6.

122. Food Selection: Nutrition and Dietetics. Second term. Credit four hours. Prerequisite, Foods and Nutrition 2 or 9, Biology 303 (Physiology), and Biochemistry 314. Lectures and discussions, M 11, T Th 9. Room 426. Practice, W 11-1. Room 426. Professor HAUCK.

This course is designed to help students understand the significance of food selection in achieving and maintaining health. Its emphasis is on the nutrition of normal adults. Understanding of the significance of food selection, and skill in the adaptation of principles of nutrition to individual conditions, is strengthened through the effort of students to improve their own health and that of persons outside the class. Fee, \$9.

124. Diet Therapy. First term. Credit two hours. Prerequisite, Foods and Nutrition 122. Lecture, discussion, and laboratory. Lecture, T Th 11. Occasional laboratory, T 2-4 or Th 11-1. Room 426. Professor HAUCK.

This course consists of a study of diet in those diseases in which choice of food is important in treatment. Fee, \$6.

131. Problems of Family Nutrition, with Special Emphasis on Child Feeding. First or second term. Credit for lecture, two hours; for each laboratory, one hour. Any laboratory may be taken either in the same term with the lecture or in any term following the lecture. Three hours advised for teachers; two hours advised for all students. Prerequisite, Foods and Nutrition 121 or 122. Lecture and discussion, T 2-4. Room 339. Laboratories: infant feeding, limited to sixteen students, Th 2-4:20, Room 343, homes in Ithaca and a well-baby clinic; feeding of pre-school children, limited to six students in each section, one section W 10:30-12:50 and one section Th 10:30-12:50, Room 343, Nursery School and homes in Ithaca; feeding of school children, limited to ten students, F 2-4:20, Room 426 (first term), Room 361 (second term), public schools and homes in Ithaca. Professor MONSCH and Miss PITTMAN.

This course is a study of family problems in nutrition, with special emphasis on the nutritional needs of the child. It provides experience in the study of actual family situations. The nutritional needs of children of all ages, the importance of proper feeding to the physical health of the child, and the relation between sound nutrition practices and community health and family income are considered. Fee, \$8 for each laboratory credit hour.

150. Special Problems. First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department for independent, advanced work on a problem not dealt with by other courses in the department. Fee determined by the problem.

222. Advanced Nutrition. Second term. Credit two hours. Registration by permission of instructor. Discussion, M W 2. Room 301. Professor HAUCK.

The topics considered in this course depend upon the needs and interests of the students participating in it. Emphasis is placed on the experimental data on which the principles of human nutrition are based, and a critical review of current literature in this field. Fee, \$1.

229. Research in Foods and Nutrition. Throughout the year. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professors MONSCH, MAYNARD, PFUND, HAUCK, and MCCAY and Assistant Professor FENTON.

This course offers opportunity for individual research in animal nutrition, human nutrition, metabolism, food chemistry, and chemical changes taking place in the process of food preparation. Fee, from \$5 to \$25.

230. Seminar in Foods and Nutrition. Throughout the year. Credit one hour a term. Required of graduate students specializing in Foods and Nutrition. Open to seniors by special permission. Hours to be arranged. Room 301. Fee, \$1. Professors MONSCH, PFUND, and HAUCK, Assistant Professors FENTON and PERSONIUS.

Note: The attention of advanced and graduate students is called to the following courses offered by the Department of Animal Husbandry in the College of Agriculture (see page 32 of the announcement of courses of that college); 110, **Animal Nutrition**; 111, **Animal Nutrition, Laboratory Course**; 219, **Animal Nutrition Seminar**.

HOUSEHOLD ART

1. Color and Design, Beginning Course. First or second term. Credit two hours. Limited to twenty students a section. W F 10-12 or T Th 2-4. Room 327. Miss TRUE.

This course is a study of the basic principles of color and design through laboratory experiment in these two fields, using paint, ink, pencil, and charcoal. There will also be lectures, reading, and art-gallery observation. The art principles

studied give the student foundation for work in other courses in the college involving the use of these principles. Estimated cost of materials, \$2. Fee, \$7.50.

10. Appreciation of Everyday Art. Lecture course. First or second term. Credit one hour. T Th 10. Room 3M13. Miss TRUE.

A general survey course which endeavors to awaken in students an appreciation of the beauty to be found in everyday surroundings in the home and community, in craftsmen's work, and in artists' products. Fee, \$3.75.

11. Color and Design, Advanced Course. First or second term. Credit two hours. Prerequisite, Household Art 1 or the equivalent. Limited to twenty students. Laboratories, T Th 8-10. Room 3M14. Miss TRUE.

A further study in the important field of color and a study of organic form. Composition stressed. Laboratory, gallery talks, and outside reading. Individual problems as soon as the student's development permits. Estimated cost of materials, \$2. Fee, \$7.50.

16 a, b, c, d. Handicrafts Studio. First or second term. Credit one to four hours. Students registering in the course for the first time register in 16a; for the second time, in 16b; and so on. Total credits not to exceed four hours. Three hours of work each week through the semester are required for each hour of credit. Work may be concentrated in a block of five weeks if desirable for student's schedule. Hours of work are planned with students individually. Room 318. Assistant Professor ERWAY.

Problems may include stitchery, simple finishes, construction of lamps and lampshades, blockprinting, leathercraft, dyeing, weaving, modeling, raffia work, and the like. The technic and processes studied can be especially helpful to teachers, extension workers, and camp counsellors. Estimated cost of materials, from 50 cents to \$6. Fee, \$3.75 for each credit hour.

25. House Planning. First or second term. Credit two hours. Prerequisite, Household Art 1. Limited to twenty students. T Th 9-11. Room 327. Professor MORIN.

This course is a study of the arrangement and design of the house from the point of view of family living. A brief survey of present housing conditions and standards is made. Each student makes a house plan to meet specific family needs. Laboratory work, and guidance through individual conferences, group discussions, references, and visits to local houses completed or under construction. Fee, \$7.50.

31. Home Furnishing, First Course. First or second term. Credit two hours. T Th or W F 2-4. Room 408. Assistant Professor SCIDMORE and Miss PARK.

This course is concerned with an intensive study, through lecture-demonstrations, of the furnishings of the house from the viewpoint of family needs and interests. Laboratory experiments provide opportunity for furnishing rooms in co-operation with student furnishing committees. Fee, \$7.50.

32a. Home Furnishing and Decorating, Second Course. First or second term. Credit two hours. Prerequisite, Household Art 31 or the equivalent. Lectures, demonstrations, and laboratory. Section 1, T Th 11-1; Section 2, W F 11-1. Room 408. Assistant Professor SCIDMORE and Miss PARK.

The emphasis in this course is on the development of individual taste through the study of color in home furnishing and decorating; understanding of ornament and its application to interior architecture, furniture, and accessories; arrangement of rooms from both the practical and decorative viewpoint. Fee, \$7.50.

32b. Home Furnishing, Third Course. Special Home and Community Problems. First or second term. Credit two hours. Preferably taken in junior or senior year. Primarily for students planning to teach home economics. Prerequisite, Household Art 32a or the equivalent. Lecture, S 10. Room 408. Laboratory, M 11-1, Room 408, or T 11-1, Room 327. An additional hour to be arranged. Assistant Professor SCIDMORE and ———. Fee, \$7.50.

35. Hotel Furnishing and Decorating. Second term. Credit two hours. For students in hotel administration. Advised for juniors. T Th 9-11. Room 408. Assistant Professor SCIDMORE and Miss PARK.

This course deals with the essentials of decoration and furnishing as applied to hotel problems. In connection with this course, a trip to Syracuse or another nearby city is required. Estimated cost of transportation, meals, and lodging, from \$5 to \$8. Fee, \$7.50.

150. Special Problems. First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department for independent, advanced work on a problem not dealt with by other courses in the department. Fee determined by the problem.

INSTITUTION MANAGEMENT

100. Orientation in Institution Experience. First or second term. Credit two hours. May be elected by freshmen and sophomores on the recommendation of the faculty adviser. Required of students majoring in institution management. The term is divided into three blocks with two sections of nine students each. First term: first block, September 30 through and including November 4; second block, November 6 through and including December 11; third block, December 13 through and including January 29. Second term: first block, February 14 through and including March 19; second block, March 21 through and including April 30; third block, May 1 through and including June 4. *First two blocks both terms are reserved for freshmen.* Lecture, M 2. Room G62, for the duration of the block. Practice, section 1, M W F 11-1.30; section 2, T Th S 11-1.30. Cafeteria. Assistant Professor BURGON.

In this course each class member shares in the responsibilities in serving luncheon to four hundred or five hundred patrons. Visits made to other food establishments constitute a regular part of the course. One of the objectives is to help the student to develop initiative, self reliance, and self direction through acquaintanceship with and experience in meeting situations of food management, group cooperation, and human relationships, as they may be encountered in an enterprise which is serving the public. Students are expected to have lunch in the cafeteria on laboratory days. Provision is made for this in the fee charged. Fee, \$5.

101. Institution Administration, Elementary Course. First term. Credit three hours. Advised for all students specializing in institution management or dietetics; others are admitted by special permission. Should be taken in the junior year. Class limited to thirty students. Prerequisite, Institution Management 100 and 111; prerequisite or parallel, Foods and Nutrition 121 or 122. Lectures and discussion, T 3, Th 2-4. Room G62. Miss ROBERTS.

A study of food administration in the various classes and types of institutions where large groups of people are fed. Special emphasis is given to menu planning and menus.

102. Institution Organization and Administration, Advanced Course. Second term. Credit three hours. Should be taken in the senior year. Advised for all students specializing in institution management or in dietetics. Lectures and discussions, T 2, Th 2-4. Room 121. Professor HARRIS.

Some of the outstanding problems of the organization and administration of institutions dealing with the feeding of large groups are surveyed. Such problems include setting up the physical plan of the organization, the policies underlying the plan, personnel relationships, job analyses, scheduling employees, plant planning, and the selection of equipment.

A two-day trip to Syracuse or Rochester to visit various types of institutions is a part of this course. Fee for materials and trip expenses (not including meals or lodging), \$6.

105. Quantity Food Preparation, Elementary Course. First or second term. Credit two hours. For students in hotel management who do not have a major interest in food work. Registration limited to ten students each section. Prerequisite, Foods and Nutrition 12 or equivalent experience. First term: section 1, T 2-5.45; section 2, Th 2-5.45. Second term, section 1, T 2-5.45; section 2, S 8.15-12. Cafeteria. Miss GIESE.

Laboratories consist of quantity cooking in the cafeteria kitchen in the preparation of meals for approximately two hundred patrons. Some emphasis is given to

standard procedures and technics and to an understanding of the use and operation of institution kitchen equipment. Fee, \$5.

111. Food Selection and Purchase for the Institution. First term. Credit three hours. Preferably taken in the junior year. Should parallel Institution Management 112. Primarily for students specializing in institution management and dietetics; others may be admitted by special permission. Class limited to twenty-five students. Lectures and discussions, T 9, Th 9-11. Room G62. Professor HARRIS.

A discussion of sources, grading, and standardization, bases of selection, methods of purchase, and storage of the various classes of food, from the point of view of the institution buyer. A two-day trip to Rochester or Buffalo markets is included. Fee for materials and trip (not including meals and lodging), \$6.

112. Quantity Food Preparation: Principles and Methods. First or second term. Credit five hours. Should be taken the last term of junior year or the first term of the senior year. Should not be taken with Student Guidance 126. Advised for all students specializing in institution management or dietetics. Class limited to eighteen students. Prerequisite, Institution Management 100. Discussion, M 9. Room G5. Practice, W F 8-1.30. Cafeteria. Miss HILL.

Laboratories consist of large-quantity cooking in the cafeteria kitchen in preparation of meals for several hundred patrons. The laboratories are supplemented by discussion periods to provide an opportunity to review principles and discuss procedures. The students are expected to have lunch in the cafeteria on laboratory days. Provision is made for this in the fee charged. Fee, \$12.

112a. Quantity Food Preparation: Principles and Methods. First term. Credit four hours. Open to juniors. May be substituted for Institution Management 112. Class limited to twelve students. Prerequisite, Institution Management 100 or equivalent experience. Discussion, M 9. Room G62. Practice, M 2-6, S 8-12. Cafeteria. Misses HILL and ROBERTS.

This course is similar to course 112 with a little less time spent in the laboratory. It is offered for one term only in order to make it possible hereafter for Institution Management 112 to be taken before the last term of the senior year. Fee, \$8.

113. Quantity Food Preparation and Catering, Advanced Course. First or second term. Credit three hours. Open to seniors majoring in institution or hotel management, who have obtained the approval of the Department of Institution Management before registering. Limited to twenty students, two sections of ten each. Conference hours each week by appointment. Special catering assignments throughout the term. Discussion, M 4. Green Room. Laboratory, T 9-1.30, hotel management section; W 9-1.30, institution management section. Assistant Professor BURGAIN and Miss ROBERTS.

Each group is responsible for organization of work, requisition and purchase of food supplies, making of menus, calculation of costs, supervision of service and preparation of food for one luncheon each week. During the term students are assigned special catering problems. Fee, \$8.

115. Quantity Food Preparation: Principles and Methods. First or second term. Credit four hours. For students in hotel administration. Registration limited to eighteen students. Prerequisite, Foods and Nutrition 12, or equivalent experience. Practice, T and Th 8-1.30. Cafeteria. Professor HARRIS, Assistant Professor BURGAIN, and Miss HILL.

Laboratories consist of large-quantity cooking in the cafeteria kitchen in the preparation of meals for several hundred patrons. The laboratories are supplemented by discussion periods to provide an opportunity to review principles and discuss procedures. Some emphasis is also given to standard technics, basic formulae, and menu planning, and to an understanding of the operation and use of institution kitchen equipment. Students are expected to have lunch in the cafeteria on laboratory days. Provision is made for this in the fee charged. Fee, \$12.

150. Special Problems. First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department for independent, advanced work in a problem not dealt with by other courses in the department. Fee determined by the problem.

200. Institution Supervision. First or second term. Credit two or three hours. Open to graduate students with adequate training in institution management. Professor HARRIS and Assistant Professor BURGOIN.

For each credit hour a student gives forty-five hours of participation in the supervision of food production and service in the cafeteria and tea room with responsibility for the organization and management of special catering projects.

201. Research in Institution Organization and Administration. Throughout the year. For graduate students with training and experience satisfactory to the instructor. Hours to be arranged. Professor HARRIS and Assistant Professor BURGOIN.

This course offers opportunity for individual research in the area in which the student is particularly interested. Food control, job analyses, experimentation in food preparation and merchandising as applied to large-quantity production, planning of efficient kitchen layouts are suggestive of the fields in which there is vital need for research. Fee determined by the problem.

202. Seminar in Institution Organization and Administration Problems. Credit one hour each term throughout the year. For graduate students with adequate training in institution management. Professor HARRIS.

Fee, \$1.

ACCOUNTING

85. Tea Room and Cafeteria Accounting. First or second term. Credit three hours. For institution-management students only. Lecture, T 8. Room 3M13. Practice, W F 2-4.20. First term, Room 278; second term, West Bailey. Assistant Professor COURTNEY and assistants.

This is an elementary course in simple accounting, using as illustrative material the accounting records of the cafeteria and the tea room. Cash and credit transactions, check-book and deposit records, journal and ledger entries are studied, as well as trial balances, profit and loss statements, and balance sheets. Fee, \$3.

87. Restaurant Cost and Sales Analysis. Second term. Credit two hours. Lecture, M 12. Room G 5. Practice, Th 2-4.20. Room 278. Mr. CLADEL and assistants.

This is an elementary course in food cost accounting, to acquaint the student with typical percentages of gross profit on cost, inventory control, and food-revenue control. Fee, \$3.

TEXTILES AND CLOTHING

1a, b, c. Wardrobe Studies. First or second term. Credit one hour for each unit. Units need not be taken in the order listed. Each unit extends over a block of five weeks of the term and is then repeated. Block I, September 30 to November 3; Block II, November 4 to December 11; Block III, December 13 to January 29. Schedules for the first term are given below. Schedules for second term are announced in time for midyear registration. Rooms 213 and 215. Assistant Professor SCOTT, Mrs. PEREZ, and Mrs. FULLER.

Students provide all materials needed subject to the approval of the instructor. Estimated cost of total materials, \$15. Fee for each unit, \$2.

1a. The emphasis in this unit is concerned with the selection, combination, and care of individual articles in a wardrobe. Clothes suitable for various occasions are studied. Buying practices are studied and shopping trips organized. Textiles are studied as they relate to the selection and care of the wardrobe.

Block I: M W F 8-10 (two sections) or 2-4.

Block II: M W F 2-4.

Block III: T Th 2-4, S 9-11; T Th S 9-11.

1b. This unit emphasizes the study of line, color, and texture in clothes in relation to the individual student.

Block I: M W F 2-4; T Th 2-4, S 9-11.

Block II: M W F 8-10 (two sections) or 2-4; T Th S 9-11.

Block III: M W F 8-10.

1c. The emphasis in this unit is on the construction of clothes in relation to the student's present wardrobe and need. Laboratory practice includes guidance and

instruction in selecting suitable materials and in manipulating materials; in comparing, using, and adapting commercial patterns; in using the sewing machine; and in hand and machine sewing suitable to the garment made.

Block I: T Th S 9-11.

Block II: M W F 8-10; T Th 2-4, S 9-11.

Block III: M W F 8-10 or 2-4 (2 sections).

5. Clothing Construction. First or second term. Credit three hours.

This course emphasizes the construction of clothes. Each garment is studied in relation to the student's needs and adapted to her figure. Laboratory practice includes guidance and instruction in the manipulation of materials; in the use and adaptation of commercial patterns; modeling on the flat pattern; in the use of the sewing machine, and in hand and machine sewing suitable to the garments made. Students provide all dress materials subject to the approval of the instructor. Estimated cost of dress materials, from \$15 to \$25. Laboratory fee, \$5.

[8. Clothing Selection and Construction. First or second terms. Credit two hours.] Not given in 1937-38.

This course is adapted to meet the needs of students from other colleges in the University who desire a general knowledge of the selection and construction of garments. Commercial patterns are used as a basis for simple modeling. Students provide all dress materials. Estimated cost of dress materials, from \$15 to \$25. Fee, \$5.

[10. Clothing for Children. First or second term. Credit two hours. Assistant Professor SCOTT.] Not given in 1937-38.

This course gives the principles underlying selection, care, construction, and alteration of clothing for children, with consideration of the child's need for activity, his comfort and well-being, his preferences in color, texture, and design, and his capacities for independent habits in dressing himself. A critical study is made of available footwear and ready-made garments for children. Estimated cost of materials, \$5. Fee, \$3.

15a, b, c. Clothing Design, Modeling and Pattern Adaptation. First or second term. Prerequisite or parallel, Household Art 1. Credit one hour for each unit. Units need not be taken in the order listed, but Unit 15a is prerequisite to 15c. Each unit extends over a block of five weeks of the term and is then repeated. Block I, September 30 to November 3; Block II, November 4 to December 11; Block III, December 13 to January 29. The schedules for first term are given below. Schedules for second term will be announced in time for midyear registration. Rooms 215 and 217. Miss SCOTT, Mrs. PEREZ, and Mrs. FULLER.

Students provide all materials needed subject to the approval of the instructor. Estimated cost of total materials, \$10. Fee for each unit, \$2.

15a. This unit includes the preparation of a dress form and a foundation pattern. Opportunity for securing experience in fitting is provided.

Block I: M W F 2-4; T Th 8-11; T Th 2-4, S 9-11.

Block II: T Th 8-11.

Block III: Unit 15a not offered in this block.

15b. This unit includes a study of adapting patterns to individual needs and of designing on the flat pattern.

Block I: T Th 8-11.

Block II: T Th 8-11; T Th 2-4, S 9-11.

Block III: M W F 2-4.

15c. This unit includes a study of modeling on the dress form. Opportunity for experimentation in the use of line, color, and texture in relation to the garments being modeled is provided in order to develop creativeness. Prerequisite, unit 15a.

Block I: Unit 15c not offered in this block.

Block II: M W F 2-4.

Block III: T Th 8-11 (2 sections); T Th 2-4, S 9-11.

51. Hotel Textiles. Second term. Credit two hours. For sophomore, junior, and senior students in the department of hotel administration. Lecture, T 2; practice, Th 2-4. Room 216. Professor BLACKMORE.

The main purpose of the course is to provide an opportunity for the students to become familiar with fabrics used in hotels. Scientific data are brought to bear upon the choice of hotel fabrics for specific uses. The course includes discussions of the experiences of hotel housekeepers concerning the selection of fabrics and how they may be expected to wear. A two-day trip during the month of May (probably May 9 and 10) is included for visiting three or more manufacturing plants. Estimated cost of materials and trip expenses, \$10. Fee, \$5.

55. Household Textiles. First or second term. Credit two hours. Primarily for seniors. Limited to twenty students. T Th 9-11. Room 216. Professor BLACKMORE.

This course is offered for students interested in the present-day problems of purchasing household textiles. Buying practices are studied and technical information necessary for efficient buying is considered. Methods of advertising textiles are interpreted and evaluated. A two-day trip is included for visiting three or more manufacturing plants. (Trip first term, October 30, November 1 and 2; second term, May 1, 2, 3. Students registering in this course should avoid apartment blocks on these dates.) Estimated cost of materials and trip expenses, \$10. Fee, \$5.

105. Consumer Problems in Buying Textiles and Clothing. First or second term. Credit three hours. This course is primarily for juniors and seniors. First term M W F 11-1, Room 215; M W F 2-4, Room 213. Second term to be arranged. Miss ———.

The purpose of this course is to help consumers understand some of the factors, such as fashion, seasonal buying, new manufacturing methods, and the returning of merchandise, entering into the problem of buying garment fabrics, clothing, and costume accessories. Consumer practices in selecting textiles and clothing are considered. The use of available guides such as labels, specifications, advertisements, and bulletins are evaluated in reference to specific buying problems of the class. Trips to factories and markets are arranged for observation of procedures related to problems of consumer-buyers. Several persons with experience in this field are invited to speak to the class. Estimated cost of material and trips, \$15. Fee, \$5.

115. Commercial Clothing and Advanced Problems in Construction. First or second term. Credit one to five hours. Not less than three hours may be taken by students registering in this course for the first time. Especially valuable for students intending to teach. Conference hours by arrangement. Laboratory practice by arrangement at time of registration. Room 234. Misses BROOKINS and DI STEFANO.

This course provides experience in constructing garments for customers on a commercial basis. Each student assumes the responsibility for her special piece of work, and organizes and directs the work of employees.

The course includes also group discussions on business methods in handling commercial clothing work, and in selecting small equipment for clothing laboratories. Fee, \$1 for each credit hour.

[120. Seminar in Clothing. First term. Credit two hours. Registration by permission of the instructor. Miss ———.] Not given in 1937-38.

This course includes the selection, evaluation and organization of textiles and clothing source materials from a professional point of view. Students are given opportunity to work on special problems such as arranging exhibits, giving demonstrations, writing publicity, making illustrative materials, and studying selected aspects of the merchandising of clothing. Estimated cost of materials, \$5. Fee, \$3.

150. Special Problems. First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department for independent, advanced work on a problem not dealt with by other courses in the department. Fee determined by the problem.

STUDENT GUIDANCE

1. Orientation. Throughout the year. Credit first term, two hours; second term, one hour. Lectures, discussions, and group meetings. Lectures: Section 1,

T Th 10; Section 2, T Th 11. Amphitheatre. Rooms for group meetings to be assigned. Professor SCHUMAKER and Miss RAFFINGTON.

The purpose of this course is to help the student to orient herself in her home-economics and university experience. Instruction in this course deals with such topics of fundamental importance to successful college work as distribution and use of time, methods of study, use of the library, organizing class and laboratory materials, planning and accounting for college expenditures, and such other factors as influence the student's best development. Fee: first term, \$3; second term, \$2.

Freshman Week-End, described on page 15, is a part of the course.

1a. **Orientation.** An additional hour of credit will be added for students enrolled in orientation who wish help on special units of work. Hours and place of group meetings to be arranged. Fee to be determined by the work undertaken. Professor SCHUMAKER and the freshman faculty.

10. **Home and Group Relationships.** First or second term. Credit three hours. Open to selected freshmen and sophomores. Four consecutive weeks are spent in the homemaking apartments, time to be arranged at registration. Lecture and discussion hours to be arranged. Mrs. THOMAS, staff members, and participating seniors.

The purpose of this course is to help the student to orient herself in home and group relationships, to serve as a means of coordinating and integrating work done in home economics and in related subjects, and to provide an opportunity to develop awareness of individual needs as a basis for determining college program. Laboratory fee, \$28, including board and room for four weeks in the homemaking apartment. Girls living in the dormitory will receive a refund on board from the dormitory for this period.

[20. **Guidance in Human Relationships.** First term. Credit two hours. For sophomores and students with advanced standing. To be taken on the recommendation of the adviser and by permission of the instructor. Lectures, discussions, and personal conferences. Professor SCHUMAKER.] Not given in 1937-38.

[30. **Preparation for Assisting in Student Guidance.** Second term. Credit one hour. Open to selected freshmen in preparation for assisting in Student Guidance the following term. Discussions and practice. Professor SCHUMAKER and student leaders.] Not given in 1937-38.

[35. **Preparation for Student Leadership.** Second term. Credit two hours. For sophomores and juniors who are recommended by the faculty to receive preparation for leadership participation later in freshman courses in home economics. Lectures and discussions. Professor SCHUMAKER.] Not given in 1937-38.

[100. **Participation in Student Leadership.** First or second term. Credit one to four hours a term, cumulative credit up to eight hours. For students who are selected for participation as student leaders in freshman courses in home economics. Hours are the same as those of the courses in which the student is participating. Additional hours are to be arranged for conference-discussions with the staff member in whose course the student is participating and with Professor SCHUMAKER and Home Economics staff. Prerequisite for juniors and seniors, Student Guidance 35.] Not given in 1937-38.

126. **Homemaking, Laboratory Course.** First or second term. Credit four hours. Open to juniors and seniors on recommendation of advisers and by permission of the instructor. Five consecutive weeks are spent in the homemaking apartments, time to be arranged for either term at preregistration. Lectures and discussion hours to be arranged. Mrs. THOMAS and Miss MITCHELL.

The purpose of this course is to provide opportunities for the student to become increasingly aware of the rich possibilities inherent in home living and to recognize how each phase of homemaking influences the life of a family group and its individual members. It is expected that each student will use her experiences in the apartments to find her strengths and weaknesses in the various phases of homemaking and to develop skill in applying home economics to her own and group living. Laboratory fee \$35, including board and room for five weeks in the homemaking apartment. Girls living in the dormitory will receive a refund of one-half their board in the dormitory for this period.

LEADERSHIP IN HOME ECONOMICS

110a or b. Special Problems. First or second term. Credit two hours. Open to a limited number of students in home economics. Students should consult the instructor and Miss ROSE before registering. M F 12. Room 124. Professor EDDY.

This course is offered to give the student experience and guidance in making contacts with individuals, organizations, and agencies in a community. It is hoped that through the understanding and technics so gained she may be able to use more effectively her home-economics training in the community in which she lives.

120. Preparation for Community Leadership in Home Economics: Program planning and activities (Rural Education 134b). First term. Credit three hours. Open to a limited number of seniors and graduate students interested in educational leadership in homemaking improvement. Helpful as preparation for extension workers, teachers, volunteer community leaders, county leaders, commercial demonstrators, supervisors of homemaking programs, members of social-planning councils, and the like. Students should consult Miss ROSE or the instructor before registering. Discussion, M 10-12, F 10-11 throughout the term. Room 343. Observation and practice three hours a week throughout the term, or may be blocked taking one and one-half days a week *during the last five weeks of the semester*. Miss G. M. HENDERSON.

This course provides opportunity for students to work independently on planning and carrying through with a community group a program of homemaking improvement. They will discover significant homemaking practices that are common in the group of homes, and conditions that may affect the improvement of these practices; they may work with lay and professional leaders to achieve certain common objectives; they will evaluate their own and observed procedures through an independent analysis of results, and through personal and group conferences. Estimated expenses for trips, \$10 to \$15. Fee, \$2.

120a. Preparation for Community Leadership in Home Economics: Organization and policies (Rural Education 134b). Second term. Credit two hours. Open to a limited number of juniors, seniors, and graduate students interested in educational leadership in homemaking improvement. Helpful as preparation for extension workers, teachers, volunteer community leaders, county leaders, commercial demonstrators, supervisors of homemaking programs, members of social-planning councils, and the like. Students should consult Miss ROSE or the instructor before registering. Discussion M 11-12 throughout the term. Room 343. Observation three hours a week throughout the term, or may be blocked taking one and one-half days a week *during any five-weeks block*. Miss G. M. HENDERSON.

A study of certain official organizations engaged in homemaking education and an analysis of specific leadership jobs within those organizations. Through observation and discussion, students gain an acquaintance with the resources of each organization, an understanding of the principles underlying its present policies, and some judgment about possible future developments. Estimated expenses for trips, \$10 to \$15. Fee, \$2.

Note: The attention of students is called to related courses in **Education, Sociology, and Extension Teaching**.

SPECIAL PROBLEMS

100. Special Problems. First or second term. Credit and hours to be arranged individually. For students recommended by advisers and approved by Miss HENRY for independent work on a problem not dealt with by courses of departments. Fee determined by the problem.

SUMMARY OF FEES IN HOME ECONOMICS COURSES

ECONOMICS OF THE HOUSEHOLD

<i>Course</i>	<i>Fee</i>	<i>Additional expense</i>
112.....	\$ 7.00\$ 5.00
130.....	2.50	
145.....	2.50	
160.....	3.00	

FAMILY LIFE

<i>Course</i>	<i>Fee</i>
100.....	\$ 5.00
101.....	7.50
107.....	7.50
114.....	5.00
120.....	7.50
126.....	3.00
200.....	5.00
205.....	7.50
215.....	7.50
220a.....	7.50
220b.....	7.50
223.....	5.00

FOODS AND NUTRITION

<i>Course</i>	<i>Fee</i>
1.....	\$15.00
2 (each term)...	18.00
9.....	18.00
9a.....	18.00
11.....	18.00
12.....	20.00
102a (each term)...	1.00
102b.....	10.00
109.....	18.00
111.....	18.00.....\$ 2.00
121.....	6.00
122.....	9.00
124.....	6.00
131 (each labora- tory hour)...	8.00
222.....	1.00
229.....	5.00 to 25.00
230 (each term)...	1.00

HOUSEHOLD ART

<i>Course</i>	<i>Fee</i>	<i>Additional expense</i>
1.....	\$ 7.50\$ 2.00
10.....	3.75	
11.....	7.50 2.00
16 a, b, c, d (each credit hour)...	3.75	.50c to 6.00
25.....	7.50	
31.....	7.50	
32a.....	7.50	
32b.....	7.50	
35.....	7.50	.5.00 to 8.00

INSTITUTION MANAGEMENT

<i>Course</i>	<i>Fee</i>
85.....	\$ 3.00
87.....	3.00
100.....	5.00
102.....	6.00
105.....	5.00
111.....	6.00
112.....	12.00
112a.....	8.00
113.....	8.00
115.....	12.00
202 (each term)...	1.00

TEXTILES AND CLOTHING

<i>Course</i>	<i>Fee</i>
1 (each unit)....	\$ 2.00.....\$15.00
15 (each unit)....	2.00..... 10.00
51.....	5.00..... 10.00
55.....	5.00..... 10.00
105.....	5.00..... 15.00
115 (each credit hour)	1.00

STUDENT GUIDANCE

<i>Course</i>	<i>Fee</i>
1.....	\$ 5.00
10.....	28.00
126.....	35.00

LEADERSHIP

120.....	\$2.00 ..	\$10.00 to \$15.00
120a.....	\$2.00....	\$10.00 to \$15.00

COURSES IN OTHER COLLEGES OF THE UNIVERSITY

In order to secure for its students as broad a background of educational experience as is possible, the College of Home Economics supplements the courses offered in its various divisions of instruction with those given in other Colleges of the University. The following list, therefore, includes not only required courses and those which are prerequisite to certain courses in home economics, but also others which are especially valuable for the contribution they make to the enrichment of the student's program.

For full descriptions of these, and for descriptions of additional courses, students should refer to the catalogs of the various colleges.

AGRICULTURAL ENGINEERING

[9. Household Mechanics. Second term. Credit two hours. Professor ROBB and ———.] Not given in 1937-38.

A course having to do primarily with the use of heat in the home, specifically with cooking, refrigeration, house heating, and air conditioning. Light, electricity, and home lighting methods are considered, and there is brief reference to sound.

10. Household Mechanics. First or second term. Credit three hours. Lectures, T Th 12. Caldwell 143. Practice, Th or F 2-4.30. Agricultural Engineering Laboratories. Professor ROBB and Assistant Professor WRIGHT.

A course intended to develop ability to think and to reason in terms of mechanical devices. Among the problems selected for this training are exercises in plumbing, soldering, and power transmission, and studies in the principles of operation, care, and repair of small technical devices, sewing machines, domestic electrical equipment, and automobile engines. Fee, \$2.

46. Household Carpentry, Furniture Repairing and Refinishing. Second term. Credit two hours. Practice, M F 2-4.30. Agricultural Engineering Laboratories. Professor ROEHL.

A course in such carpentry-tool work as a housekeeper can make use of; the making and finishing of several small pieces of furniture; each student to refinish a few pieces of furniture supplied by her, and do such repairing as may be necessary. Fee, \$3.

ANIMAL HUSBANDRY

92. Meat and Meat Products. First or second term. Credit one hour. Registration limited to fifteen students a section. Laboratory and lecture period, Th or F 2-4.20. Animal Husbandry Building B and Meat Laboratory. Professor HINMAN and Mr. SCHUTT.

A course in wholesale and retail buying, cutting, curing, and preparation of meats. Fee, \$2.

93. Meat Cutting. First or second term. Credit one hour. Prerequisite, course 90, 91, or 92. Enrollment limited to five students a section. Laboratory and lecture period, T Th or S 8-10.30. Animal Husbandry Meat Laboratory and Meat Lecture Room. Professor HINMAN and Mr. SCHUTT.

A course dealing with the principles and practice of meat selection, cutting, and wrapping. Fee, \$2.

BACTERIOLOGY

4. Household Bacteriology. Second term. Credit three hours. Given in alternate years. Prerequisite, Elementary Chemistry. Not accepted as a prerequisite for advanced courses. Lectures, T Th 10. Dairy Industry Building 119. Laboratory, T Th 8-10, or 11-1. Dairy Industry Building 323. Professor STARK and Mrs. STARK.

An elementary, practical course for students in home economics. Fee, \$10.

BIOLOGY, BOTANY, AND ZOOLOGY

1. Biology: General. Throughout the year. Credit three hours a term. First term prerequisite to second. Not open to students who have had both Zoology 1 and Botany 1. If Biology 1 is taken after either Zoology 1 or Botany 1, credit two hours a term. Lectures, M W 9 or 11. Roberts 392. One practice period a week. Roberts 301 and 302. Professor CLAASSEN, Dr. NEVIN, and assistants.

An elementary course designed to acquaint the student with the main ideas of biology through selected practical studies of the phenomena on which biological principles are based. Fee, \$3.50 a term.

303. Biology: Physiology. First or second term. Prerequisite, Zoology 1 or General Biology 1, or the equivalent. Credit three hours. M W F 10. Stimson Amphitheatre. Assistant Professor DYE and instructors.

In this course the fundamental physiological processes of the animal body are systematically studied. It is designed for students of the biological sciences, for those who expect to study medicine, for those who expect to teach biology in secondary schools, and for those who desire a fundamental knowledge of the functions of the various organs and systems of their bodies.

306. Biology: Laboratory Work in Human Physiology. First term. Credit two or three hours. T Th 1.40-4. Stimson 28. Assistant Professor ANDERSON.

This course parallels course 303. For three hours of credit special readings and reports are required.

314. Biology: Elementary Biochemistry. First term. Credit three hours. Prerequisite, Chemistry 375 or its equivalent. Lectures, M W 12; conferences, F 12. Stimson 4. Professor SUMNER and Drs. HOWELL and DOUNCE.

The substances met with in living things and the chief facts of digestion, metabolism, and nutrition.

314a. Biology: Laboratory Work in Biochemistry. First term. Credit two hours. Prerequisite or parallel, Animal Biology 314. M W 1.40-4. Stimson 34. Professor SUMNER and Drs. HOWELL and DOUNCE.

1. Botany: General. Throughout the year. Credit three hours a term: both terms of the course must be completed to obtain credit, unless the student is excused by the department. If taken after Biology 1, credit two hours a term. Lectures, T Th 9 or 11. Plant Science 233. Professor PETRY. Laboratory, one period of two and one-half hours. Plant Science 240, 242, and 262. Professor PETRY, Drs. LAUBENGAYER and PALMQUIST, Messrs. SHANNON and WILLIAMS, and Misses BELK and ANDERSON.

A survey of the fundamental facts and principles of plant life. The work of the first term deals with the structures and functions of the higher plants, with special emphasis on their nutrition. The work of the second term traces the evolution of the plant kingdom, as illustrated by representatives of the principal groups, and concludes with a brief introduction to the principles of classification of the flowering plants. Fee, \$3.50 a term.

1. Zoology: Introductory. First and second terms. Credit three hours a term. Lectures, T Th 9 or 11. Goldwin Smith B. Laboratory, M T W Th F 1.40-4 or S 8-10.20. Forenoon laboratory sections may be organized if desirable. Lectures, Goldwin Smith B. Laboratory, McGraw 104. Professor REED, Messrs. HEMING and JACKSON, and assistants.

A comprehensive introduction to the study of Zoology. Fee, \$3 a term.

CHEMISTRY

102a. General Chemistry. First term. Credit three hours. Open only to students who do not offer entrance chemistry. Lecture, M or T 11. Main Lecture Room, Baker. Recitation, one hour a week, to be arranged. Laboratory, M T W Th or F 1.40-4 or S 8-10.20. Professors BROWNE and LAUBENGAYER and assistants.

Deposit, \$11.

102b. General Chemistry. Second term. Credit three hours. A continuation of Chemistry 102a, which is prerequisite. Hours as for course 102a. Deposit, \$11.

104a. General Chemistry. First term. Credit three hours. Prerequisite, entrance credit in Chemistry. Lecture, W or Th 11. Main Lecture Room, Baker. Recitation, one hour a week, to be arranged. Laboratory, M T W Th or F 1.40-4 or S 8-10.20. Professor LAUBENGAYER, Dr. HOARD, and assistants.

Deposit, \$11.

104b. General Chemistry. Second term. Credit three hours. A continuation of Chemistry 104a, which is prerequisite. Hours as for course 104a. Deposit, \$11.

201. Introductory Analytical Chemistry. First or second term. Credit four hours. Prerequisite, course 102 or 104. Primarily for students majoring in the

biological sciences. Lectures, T Th 10. Baker 177. Laboratory sections, W F 1.40-4, S 8-1. Baker 252. Professor NICHOLS and assistants.

A study of the fundamental principles of qualitative and quantitative analysis. Laboratory practice in gravimetric and volumetric quantitative methods. Deposit, \$20.

210. Introductory Qualitative Analysis. Shorter course. First or second term. Credit three hours. Prerequisite, course 102 or 104. Lecture, T 12. Baker 207. Laboratory sections, T Th 8-10.30, T Th 1.40-4. Baker 40. Professor NICHOLS, Dr. ———, and assistants.

A study of the properties and reactions of the common elements and acid radicals, and their detection in various solutions. Deposit, \$20.

225. Introductory Quantitative Analysis. Shorter course. First or second term. Credit three hours. Prerequisite, course 210. Lecture, Th 12. Baker 207. Laboratory sections, M W 1.40-4, T Th 8-10.30, T Th 1.40-4. Baker 252. Professor NICHOLS, Dr. DIEHL, and assistants.

A study of the fundamental principles of gravimetric and volumetric analysis, and the analysis of various substances by these methods. Deposit, \$20.

820. Introductory Agricultural Chemistry, Food Analysis. Second term. Credit three hours. Prerequisite, courses 205 and 220 (or 210 and 225). Baker 350. Professor CAVANAUGH and assistant.

Laboratory practice, T Th or W F 1.40-4. Recitation: day and hour to be arranged. The methods of the Association of Official Agricultural Chemists are used in the examination and analysis of foods and feeding stuffs, such as milk and milk products, cereal products, canned vegetables, and so on. Fee variable.

830. Elementary Chemistry of Food Products. Second term. Credit two hours. Prerequisite, course 102 or 104. W F 10. Baker 377. Professor CAVANAUGH.

Lectures. The chemical composition, physical and physiological properties, sources, and methods of manufacture of the principal food products.

ECONOMICS AND SOCIAL SCIENCE

1. Modern Economic Society. First or second term. Credit five hours. Not open to freshmen. Daily, except S, 8, 9, 10, 11, 12. Professor O'LEARY.

A survey of the existing economic order, its more salient and basic characteristics, and its operation.

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

2a. Modern Economic Society. First term. Credit three hours. Not open to freshmen. M W F 8, 9, 11; T Th S 8, 9, 11. Professor O'LEARY.

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

2b. Modern Economic Society. Second term. Credit three hours. Prerequisite, course 2a. M W F 8, 9, 11; T Th S 8, 9, 11. Professor O'LEARY.

50a. Economics: Introduction to Social Science. Repeated in second term. Credit three hours. Not open to freshmen. First term, T Th 9 and an hour to be arranged. Goldwin Smith C. Second term, T Th S 10. Goldwin Smith 142. Assistant Professor WOODWARD and Dr. SHARP.

A study of man's racial and cultural origins and of the factors determining his organic evolution and cultural development.

Fee, in lieu of textbook, \$1.50.

50b. Economics: Introduction to Social Science. Repeated in second term. Credit three hours. Prerequisite, Economics 50a. First term, M W F 2. Goldwin Smith 264. Second term, T Th 9 and an hour to be arranged. Goldwin Smith C. Assistant Professor WOODWARD and Dr. SHARP.

The social development of the human personality; the behavior of crowds, nations, social classes, and publics; the social organization of the rural and the urban community.

54. Economics: The Family. Second term. Credit three hours. Prerequisite, course 50b or Rural Social Organization 1. T Th S 11. Goldwin Smith 264. Assistant Professor WOODWARD.

The historical background of the modern American family; current disorganization of the American family as a social problem; the problem of individual adjustment to current family mores.

55. Economics: Social Anthropology. First term. Credit three hours. Prerequisite, Economics 50b or Rural Social Organization 1. M W F 12. Goldwin Smith 264. Dr. SHARP.

Analysis of selected cultures as integrative systems; the interpenetration within social structures of such aspects of culture as social groupings, government, economic institutions, arts, and religion; the rôle of the individual in relation to culture patterns; cultural contrast and comparison as methods of inquiry.

1. Rural Social Organization: General Sociology. First or second term. Credit three hours. Open to sophomores. Not open to freshmen except by special permission of the instructor. Lectures and discussions, M W F 8. Agricultural Economics Building 25. Professor ANDERSON.

This course precedes all others in the department. Its object is to create an understanding of institutions, organizations, and various types of groups that exist in human society; it is an analysis of the human environment in which the individual lives. Both urban and rural society are considered. Fee for materials, \$1.

12. Rural Social Organization: Rural Sociology. First term. Credit three hours. Course 1, or its equivalent, is recommended but not required. Lectures, discussions, and special reports, T Th S 11. Agricultural Economics Building 340. Professor SANDERSON.

A study of the groups, institutions, and organizations found in rural society. The structure and functions of rural groups are first analyzed, and attention is then given to the processes of group action and the results. Fee for materials, \$1.

III. Rural Social Organization: Rural Community Organization. Second term. Credit two hours. Prerequisite, courses 1 and 12, or the permission of the instructor. Open to juniors, seniors, and graduate students. Lectures and discussions, W F 8. Agricultural Economics Building 340. Professor SANDERSON.

The application of sociology to the practical problems of community organization. The course covers three main divisions: the use of community organization as a tool for guiding social change; a critical study of New York State rural-community organizations; methods of making organizations effective through developing rural leadership, analyzing community needs, building community programs, and coordinating programs.

121. Rural Social Organization: The Family. First or second term. Credit three hours. Open to juniors, seniors, and graduate students; not open to sophomores except by special permission of the instructor. Prerequisite, course 1 or its equivalent. Lectures, discussions, and reports, T Th S 8. Agricultural Economics Building 340. Assistant Professor COTTELL.

This course considers the family as a social institution with a history and with contrasting forms and functions in different cultures. Attempt is made to understand the effects of contemporary social change on the modern family and in turn the results in society of a changing family. As a basis for understanding the central importance of the family, considerable attention is devoted to the social-psychology of marriage and family relations.

122. Rural Social Organization: Social Problems and Public Welfare Organization. Second term. Credit three hours. Prerequisite, course 1. M W F 11. Agricultural Economics Building 340. Assistant Professor COTTELL.

A study of the underlying factors in social phenomena usually regarded as symptomatic of personal and social mal-functioning, such as dependence, delinquency, crime, insanity, community disorganization, and the like. Consideration is given to the methods by which society attempts to deal with the problems involved.

123. Rural Social Organization: Social Work Practice. Throughout the year. Open only to juniors and seniors preparing to become social workers or scout executives.

utives. Prerequisite, courses 1 and 121. Individual work at neighborhood houses or in connection with social welfare organizations. Qualified girl scouts may secure training as assistant troop leaders. Hours and credit to be arranged. Professor SANDERSON and Assistant Professor COTTRELL.

131. Rural Social Organization: The Social Psychology of Rural Life. First term. Credit three hours. Open to juniors and seniors. Prerequisite, course 1 and one course in psychology. T Th S 10. Agricultural Economics Building 340. Assistant Professor COTTRELL.

An outline of social-psychological principles which can serve as a basis for understanding the dynamics of the social behavior of persons and of groups. Application is made to problems of social attitudes, public opinion, and collective behavior in rural life.

132. Rural Social Organization: Rural Leadership. Second term. Credit two hours. Prerequisite, permission to register. F 2-4. Agricultural Economics Building 302. Professor SANDERSON.

A seminar course in which a descriptive account of leadership is given from both sociological and psychological points of view. General principles are discussed, with special case references to studies of rural leaders in New York and other States.

EDUCATION

1. Education: Educational Psychology. First or second term. Credit three hours. Lectures and recitations. First term, M W F 11; second term, M W F 10. Goldwin Smith 234. Professor FREEMAN.

A study of functional psychology, with special reference to the learning process and its application to educational theory and practice.

2. Education: Principles of Secondary Education. First or second term. Credit three hours. Prerequisite, course 1. First term, M W F 2. Professor JORDAN. Second term, T Th S 9. Goldwin Smith 234. Professor FREEMAN.

The nature and significance of education; biological and psychological foundations; the secondary school as a social institution; educational ideas and values; the curriculum.

5. Education: Theory of Education. Second term. Credit two hours. For senior and graduate students. Prerequisite, Education 1 or the equivalent. T Th 11. Goldwin Smith 248. Professor OGDEN.

Behavior, learning, insight, personality, and character as the foundations of educational theory.

7. Education: Mental Measurements. First term. Credit three hours. By permission of the instructor, candidates for the principal's certificate may enroll for two hours of credit. Prerequisite, course 1 or the equivalent. T Th S 9. Goldwin Smith 225. Professor FREEMAN.

The nature of intelligence. History of the development of individual and group tests of intelligence; principles underlying their construction and application; the use of tests of intelligence in school problems with atypical children and in the fields outside the school. Use of educational tests. Demonstration in administering tests.

13. Education: History of American Education. First term. Credit three hours. Prerequisite, course 1 or its equivalent. T Th S 10. Goldwin Smith 236. Assistant Professor HULSE.

A survey of educational change in the United States from the beginning of the seventeenth century to the present, with special emphasis on public schools, and consideration of the religious, economic, political, and social factors affecting education. European influence throughout the period will also be considered briefly.

17. Education: Mental Development. First term. Credit two hours. Prerequisite, course 1 or the equivalent. W 2-4. Goldwin Smith 248. Professor FREEMAN.

A course in child psychology, dealing with the facts of mental growth and their interpretation.

18. Education: Individual Differences. Second term. Credit two hours. Prerequisite, Education 1 or the equivalent. It is desirable, though not required, that Education 7 precede this course. M 2-4. Goldwin Smith 236. Professor FREEMAN.

The nature, causes, and implications of individual differences in abilities, interests, and achievement. Graduate students desiring it will be given an opportunity to make a special study of problem cases.

110. Rural Education: Psychology, an Introductory Course. First term. Credit three hours. Not open to freshmen. M W F 10. Plant Science 233. Professor WINSOR.

Fee, \$1.

111. Rural Education: Psychology for Students of Education. First or second term. Credit three hours. Primarily for prospective teachers of vocational agriculture. Open to juniors and seniors. M W F 11. Stone 102. Assistant Professor BAYNE.

112. Rural Education: Psychology for Students of Education. First or second term. Credit three hours. Prerequisite, course 110, Psychology 1, or the equivalent. Open to second-term sophomores, juniors, and seniors. First term, M W F 9, Agricultural Economics 125; second term, M W F 9, Agricultural Economics 125, or M W F 10, Agricultural Economics 225. Professor KRUSE and Dr. GARDNER.

117. Rural Education: Psychology of Childhood and Adolescence. First or second term. Credit three hours. Open only to students who have had course 111, or 112, or the equivalent. Lectures, M W F 10. Roberts 392. Professor KRUSE and Dr. GARDNER.

119. Rural Education: Personnel Administration. Second term. Credit three hours. Prerequisite, course 114 or the equivalent. Lectures, M W F 8. Plant Science 233. Acting Professor B. V. MOORE.

A study of the problems of human relations in industry. The methods and problems of recruitment, selection, placement, maintenance, organization, and government of employees are analyzed with particular reference to the hotel industry.

121. Rural Education: Method and Procedure in Secondary School Teaching. First term. Credit three hours. Prerequisite, course 111 or its equivalent. Open to juniors and seniors. Lectures, M W F 11. Plant Science 143. Professor FERISS.

The development of certain principles of teaching in secondary schools, and their applications to practical problems of the teacher, such as selecting and organizing teaching materials, making the assignment, directing study, and so forth.

135. Rural Education: The Teaching of Home Economics in the Secondary School. First or second term. Credit three hours. Prerequisite, course 111, 112 or the equivalent. Required of all students preparing to teach home economics. Lecture, Th 2-4.20. Stone 102. Miss HUTCHINS.

One period daily for observation and participation in the Ithaca Junior High School throughout the semester. Schedules must be approved by the Department of Rural Education.

This course purposes to interpret present-day educational theories and practices as applied to home economics; to study the activities in which the home-economics teacher engages and the factors which make for successful performance; to induct students into teaching through graded participation in the home-arts department of the Ithaca Junior High School. Fee, \$2.

136. Rural Education: Directed Teaching of Home Economics in the Secondary School. First or second term. Credit four hours. Prerequisite, course 135. Open to seniors who have successfully completed prerequisites in Education and have been approved by a committee composed of members of the faculties of Home Economics and Rural Education. General conferences S 8-10. Stone 102. Professor BINZEL and Misses HASTIE and COWLES. Fee, \$10.

Schedules must provide three entire days a week over a period of five weeks for directed teaching. Visits to schools for the purpose of studying furnishings and equipment are a part of the course.

137. Rural Education: Extra-Instructional Problems. First or second term. Credit two hours. First term for students in Home Economics only. Hours to be arranged. Second term for prospective teachers of science and home economics. T Th 9. Plant Science 143. Professor FERRISS.

This course is designed to deal with problems confronting the teacher in the performance of those duties and the meeting of those responsibilities in the school that extend beyond the classroom and class instruction.

181. Rural Education: Principles of Education. First or second term. Credit three hours. Prerequisite, course 111 or its equivalent. Open to juniors and seniors. Students preparing to teach home economics should take this course. First term, M W F 9. Second term, M W F 9 or 11. Caldwell 143. Professors MOORE and EATON.

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

ENGLISH

2. Introductory Course in Composition and Literature. Throughout the year. Credit three hours a term. May not be entered the second term. M W F 8, 9, 10, 11, 12; T Th S 8, 9, 10, 11. Rooms to be announced. Messrs. GUSTAFSON, JONES, LIPA, MAURER, MOORE, MYERS, PETTIT, SALE, SMITH, TENNEY, THOMPSON, WIE-NER, E. C. WILSON, L. C. WILSON, ZWINGLE.

The course, open to freshmen who have satisfied the entrance requirements in English, is a training in the reading and writing of English. All those who elect this course must apply as follows for assignment to sections: the first term at the *Drill Hall*; the second term at *Goldwin Smith A*. Registration is in charge of Assistant Professor TENNEY.

2a. Introductory course in Composition and Literature. Second term. A repetition of the first term of English 2. T Th S 8. Goldwin Smith 156.

20. Prose and Composition. Throughout the year. For sophomores. Credit three hours a term. May be entered in either term. Prerequisite, credit for both terms of English 1, 3, 21, or the equivalent. M W F 9, Dr. GUSTAFSON, Goldwin Smith 164; M W F 10, Assistant Professor FRENCH, Goldwin Smith 164; M W F 11, Professor MONROE, Goldwin Smith 164; M W F 12, Dr. MARX, Goldwin Smith 164; T Th S 9, Professor MONROE, Goldwin Smith 164; T Th S 10, Dr. MYERS, Goldwin Smith 164.

Reading of nineteenth century prose; instruction and practice in composition.

22. Nineteenth Century Poetry. Throughout the year. Credit three hours a term. Open to sophomores and upperclassmen. Prerequisites, English 1 or 3. Professor BROUGHTON. M W F 11. Goldwin Smith A.

Wordsworth, Coleridge, Byron, Shelley, Keats, and others.

25. History of English Literature. Throughout the year. For sophomores. Credit three hours a term. Prerequisite, English 1 or 3. T Th S 10. Professor DEVANE and Dr. E. C. WILSON. Goldwin Smith B.

Two lectures a week and assigned readings. First term: from Beowulf to 1700; second term, from 1700 to 1900.

EXTENSION TEACHING

15. Journalism. First term. Credit three hours. Open only to those who have passed the required hours in English with an average grade of 80 or better. T Th S 10. Roberts 392. Mr. KNAPP.

This course gives the principles of news writing as applied to agricultural and home-economics subjects.

101. Oral and Written Expression. First or second term. Credit two hours. Open to juniors and seniors. The number in each section is limited to twenty-four students. Students should consult Professor PEABODY for assignment to sections. Lectures and practice, M F 11, W F 10, or T Th 11, Roberts 131; M W 9, T Th 10, Roberts 492; second term, M W 9, Roberts 492; T Th 11, Roberts 131. Criticism, by appointment, daily 8-1. Professors EVERETT and PEABODY, and Messrs. PHILLIPS and GOODRICH.

Practice in oral and written presentation of topics, with criticism and individual appointments on the technic of public speech. Designed to encourage interest in public affairs, and, through demonstrations and the use of graphic material and other forms, to train for effective self-expression in public.

110. Agricultural Radio Broadcasting. Second term. Credit two hours. Pre-requisite, course 101 or its equivalent. Lecture, W 10. Practice, Th 2-4. WESG studio. Professor TAYLOR and Mr. PHILLIPS.

A course to familiarize students with the best methods of presenting ideas by radio and with radio studio procedure. Practice includes auditions and criticisms for all members of the class in preparing and presenting radio talks; continuity writing and program arrangement. Participation in broadcast programs from the University station is required.

FLORICULTURE

2. Amateur Floriculture. Second term. Credit three hours. Cannot be taken for credit by those who have had course 1. Registration limited to fifteen students. Lectures, M W 11. Plant Science 37. Practice, M 1.40-4. Plant Science 15 and greenhouses. Miss SMITH.

The culture and use of plants for window gardening and for outdoor home gardening. Fee, \$2.

10. A Brief Introduction to Landscape Design and Ornamental Horticulture. Second term. Credit three hours. For students who are not specializing in ornamental horticulture. Lectures, M W F 9. Plant Science 143. Acting Professor PORTER and members of the staff.

A discussion of the first principles of ornamental horticulture and landscape improvement as related to the problems of the small-residence property.

105. Flower Arrangement. Second term. Credit one hour. Registration limited to fifteen students in each section. Preference for registration in section 1 is given to students specializing in floriculture or in agriculture. Section 2 is for students in home economics. Lectures, demonstrations, and practices: section 1, T 1.40-4; section 2, Th 2-4.20. Plant Science 22. Miss SMITH.

A study of the principles and methods of arranging flowers and plants for decorative use in the home and for public functions. Laboratory fee, \$5.

GOVERNMENT

1a. Elementary American Government and Politics. First term. Credit three hours. Open to students in the Colleges of Agriculture and Home Economics. Enrollment limited. M W F 10. Caldwell 143. Mr. WALTER.

A general survey of American government and political institutions,—national, state, and local. Designed primarily for students not planning further study in this field.

HISTORY

50. Recent European History. Throughout the year. Credit six hours. Not open to freshmen. T Th S 11. Boardman B. Assistant Professor MOSELY.

A survey of the political and social development of Europe before and since the World War, with special attention to social and national movements as a background for international relations.

61. English History. Throughout the year. Credit six hours on completion of the course. T Th S 10. Boardman A. Professor MARCHAM.

A survey of English history from the Anglo-Saxon invasions to the present. Fee for materials, 50 cents.

HYGIENE

1. Hygiene. First term. Credit one hour. Required of all freshmen. One lecture-recitation each week with preliminary and final examination. The use of a textbook is required. Students must report for registration and assignment to sections at the Drill Hall first term. Sections for women: Assistant Professor EVANS and Drs. CUYKENDALL and STELLE.

2. **Hygiene.** Second term. Credit one hour. Required of all freshmen. One lecture-recitation each week with preliminary and final examination. The use of a textbook is required. Sections for women: Assistant Professor EVANS and Drs. CUYKENDALL and STELLE.

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

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

4. **Advanced First Aid.** First term. Repeated in second term. Credit one hour. Prerequisites, Hygiene 1 and 2 and Human Anatomy or Human Physiology. Enrollment limited, and registration only after conference with the professor in charge. F 9. Anatomy Lecture Room, Stimson. Assistant Professor SHOW-ACRE.

This course includes the theory of the diagnosis and temporary treatment of the common emergencies with practical application of the essential fundamentals.

5. **Industrial Hygiene.** First term. Credit one hour. Prerequisites, Hygiene 1 and 2. Th 12. Histology Lecture Room, Stimson. Registration at Hygiene Office, Old Armory. Assistant Professor GOULD.

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

7. **Rural Hygiene.** Second term. Credit one hour. Prerequisites, Hygiene 1 and 2. W 12. Histology Lecture Room, Stimson. Registration at Hygiene Office, Old Armory. Professor SMILEY.

A general consideration of the health problems peculiar to rural areas, with the presentation of practical schemes for the solution of these problems, as far as possible.

8. **Mental Hygiene.** First term. Credit two hours. Prerequisites, Hygiene 1 and 2. Section 1, M F 11. Boardman A. Dr. JOHN ROSE. Section 2, W F 2. Histology Lecture Room, Stimson. Dr. STELLE. Section 2, only, repeated in second term.

A study of the factors involved in the maintenance of mental health of the individual; that is, satisfactory human relationships, attitudes, and behavior. Discussion of the causes and mechanisms underlying the more common personality deviations.

HYGIENE AND PREVENTIVE MEDICINE

All entering students are required to report to the Drill Hall to make an appointment for a physical examination during the registration days of the first term. Such examination shall be repeated periodically thereafter as indicated by the results of the first and subsequent examination.

Seniors are required to make an appointment for a physical examination during the regular registration days of their last term of residence.

PHYSICAL EDUCATION FOR WOMEN

The program consists of: six weeks of outdoor sports in fall and spring; archery, baseball, basketball, canoeing, field hockey, golf, soccer, tennis, volley ball; indoor classes in gymnastics and games, folk and tap dancing, the modern dance, swimming, riflery, fencing, golf, tennis, badminton, and corrective exercises.

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

6. **Physical Education for Women (Freshmen).** Throughout the year, three periods a week. Misses ATHERTON, BARROW, BATEMAN, CANFIELD, and THORIN.

7. **Physical Education for Women (Sophomores).** Throughout the year, three periods a week. Misses ATHERTON, BARROW, BATEMAN, CANFIELD, and THORIN.

MUSIC

1. **Theory and Practice of Music.** Throughout the year. Section A, fall term; section B, spring term. Credit two hours each term. Students offering music for entrance credit may not take section A of this course for credit. Registration for either section must be approved by the instructor at the beginning of the fall term. T Th 2. 320 Wait Avenue. Assistant Professor NOSS.

An elementary course in the theory of music, including notation and terminology, scale, interval and chord structure, melody writing, ear training, sight reading, and the elements of musical design. This course or its equivalent is prerequisite to all courses in music theory and is recommended as a background for all other courses in music.

Section A is intended for students who have had no technical training in music. Section B is intended for students who have had a small amount of technical training but who are not prepared to enter Music 20. Students who wish to take this course in either term should consult the instructor at the beginning of the fall term for advice regarding registration in both terms of the course.

5. **The Art of Music.** Throughout the year. Credit three hours a term. Open to sophomores and upperclassmen. M W F 10. 320 Wait Avenue. Professor WEAVER.

An approach to the rational understanding and enjoyment of the art of music.

10. **History of Music.** Throughout the year. Credit two hours a term. Open to sophomores and upperclassmen, and to freshmen by permission. T Th 11. 320 Wait Avenue. Professor WEAVER.

A survey of the evolution of the art of music with particular reference to questions of style and to the place of music in the artistic and social life of nations. First term, from the beginning of the Christian era to approximately the year 1800; second term, from approximately 1800 to the present day.

20. **Harmony,** first year. Throughout the year. Credit three hours a term. Prerequisite, Music 1b or its equivalent. Registration for this course must be approved by the instructor. M W F 12. 320 Wait Avenue. Assistant Professor NOSS.

The construction and interconnection of chords and their inversions, through the harmonizing of assigned and original melodies, and through a consideration of harmonic analysis and form.

PSYCHOLOGY

1. **Elementary Psychology.** First or second term. Credit three hours. Not open to freshmen. Lectures, first term: T Th 11, M W 12. Assistant Professor JENKINS and assistants. Second term: M W 12. Professor WELD and assistants. Goldwin Smith C. Recitations, one hour a week, to be arranged.

14. **Contemporary Psychology.** First term. Credit three hours. Prerequisite, senior standing and consent of the instructor. T Th S 11. Seminary Room, Morrill. Professor WELD.

A comparative study of current psychological theory; existential psychology, behaviorism, Gestalt psychology, psychoanalysis, and hormic psychology.

[16a. **Introduction to Psychotechnology.** First term. Credit three hours. Prerequisite, Psychology 1 and consent of the instructor. Assistant Professor JENKINS.] Not given 1937-38.

16b. **Psychotechnology in Business and Industry.** First term. Credit three hours. Prerequisite, Psychology 1 and consent of the instructor. For upperclassmen who intend to enter industrial fields. Assistant Professor JENKINS. T Th S 11. Goldwin Smith A.

A study of experimental and statistical analyses of psychological problems in vocational selection, industrial production, personnel, advertising, selling, and market research.

18. **Genetic Psychology.** Second term. Credit three hours. Prerequisite, Psychology 1, upperclass standing, and consent of the instructor. Professor BENTLEY. M W F 10. Morrill 40.

A study of the individual life-career and the development of the psychological functions. Lectures and textbook assignments.

PUBLIC SPEAKING

1. Public Speaking. Repeated in second term. Credit three hours. Not open to freshmen. Professor WICHELNS, Assistant Professors MUCHMORE and WAGNER, Messrs. STINE, BARNES, and HABERMAN. First term: M W F 9, 10, 11, 12; T Th S 9, 10, 11. Second term: M W F 9, 10, 11, 12; T Th S 9, 10.

Planned to give the fundamentals of speech preparation and to develop simple and direct speaking. Study of principles, and constant practice; readings on public questions; conferences.

Foreign students and others whose pronunciation of English falls below the normal standard, and students with special vocal problems, are advised to confer with Assistant Professor THOMAS before registering for course 1.

Students must enroll on registration days at Goldwin Smith 21.

2. Public Speaking. Second term. Credit three hours. Prerequisite, Public Speaking 1. Three sections: Professor WICHELNS, M W F 11; Assistant Professor MUCHMORE, M W F 9, 12.

Practice in the composition and delivery of speeches for various occasions, in formal and informal discussion, and in parliamentary procedure; study of problems of interest and persuasion. The '86 Memorial Prize in original oratory is awarded in connection with this course.

Students must enroll on registration days at Goldwin Smith 21.

10. Oral Interpretation of Literature. First term. Credit three hours. Not open to freshmen. Assistant Professor THOMAS. M W F 10. Goldwin Smith 26.

Training in the interpretative reading of prose and poetry; study of principles; constant practice; conferences.

Students must enroll on registration days at Goldwin Smith 21.

47. The History of Theatrical Costume. Throughout the year. Credit three hours a term. Especially for juniors. Not open to freshmen. M W F 10. Willard Straight, Rehearsal Room. Miss WOMAN.

A historical survey of theatrical costuming, and of related period costumes, modes, and manners. First term, from Greece of classical times through the continental renaissance; second term, from Tudor England to the present.

RURAL EDUCATION

See *Education*.

RURAL SOCIAL ORGANIZATION

See *Economics and Social Science*.

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.
Edmund Ezra Day, B.S., M.A., Ph.D., LL.D., President-elect of the University.
†Carl Edwin Ladd, Ph.D., Dean of the Colleges of Agriculture and Home Economics.
Cornelius Betten, Ph.D., D.Sc., Director of Resident Instruction and Dean of the University Faculty.
Lloyd R. Simons, B.S., Director of Extension and Professor in Extension Service.
*Flora Rose, B.S., M.A., D.Ped., D.Sc., Director of the College of Home Economics.
George Wilson Parker, Bursar.
Mary Francis Henry, M.A., Assistant Director of the College of Home Economics.
Willard Waldo Ellis, A.B., LL.B., Librarian.
Mrs. Dorothy L. Riddle, Librarian of the College of Home Economics.
Olin Whitney Smith, B.S., Secretary of the Colleges of Agriculture and Home Economics.
Esther Harriette Stocks, M.A., Secretary of the College of Home Economics, and in charge of Placements.
Mrs. Harriet Bliss Stocking, Ph.B., Extension Secretary of Home Economics.
Mrs. Anne Sweet Wells, Building Supervisor.

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

Lorna Barber, B.S., Extension Assistant Professor, Department of Foods and Nutrition.
Wilma B. Beckman, M.S., Research Assistant, Department of Foods and Nutrition.
Beulah Blackmore, B.S., Professor, Department of Textiles and Clothing.
Mrs. Jessie Austin Boys, M.S., Assistant Professor, Department of Foods and Nutrition.
Muriel Brasie, M.A., Extension Assistant Professor, Department of Textiles and Clothing.
Charlotte Wenonah Brenan, M.A., Extension Assistant Professor, Department of Household Art.
Frances Artie Brookins, Instructor and Director of Costume Shop, Department of Textiles and Clothing.
*Olga Pauline Brucher, M.A., Assistant Professor, Department of Foods and Nutrition.
Mrs. Helen Bull, M.D., Professor, Department of Family Life.
Alice Marguerite Burgoin, M.S., Assistant Professor, Department of Institution Management, and Assistant Manager of the Cafeteria.
Mrs. Gladys Loraine Butt, B.S., Extension Assistant Professor, Department of Textiles and Clothing.
Helen Canon, Ph.D., Professor, Department of Economics of the Household and Household Management.
Mildred Carney, M.A., Extension Assistant Professor, Department of Textiles and Clothing.
Henry Arthur Carey, LL.B., Lecturer, Department of Hotel Administration.
Charles Edward Cladel, M.S., Instructor, Department of Hotel Administration.
Ruth Ellen Closson, B.S., Instructor, Department of Foods and Nutrition.
Mrs. Ruth Boies Comstock, B.S., Extension Assistant, Department of Household Art.

*On leave first term.

†On leave second term.

- John Courtney, M.S., Assistant Professor, Department of Hotel Administration.
 Ella Mary Cushman, M.S., Assistant Professor, Department of Economics of the Household and Household Management.
 Faith Evelyn Davis, M.A., Instructor, Department of Family Life.
 Dorothy Celia DeLany, M.S., Professor in Extension Service, and Assistant State Leader of Junior Extension.
 Mrs. Linnea Dennett, M.S., Extension Instructor, Department of Foods and Nutrition.
 Joan Di Stefano, B.S., Instructor, Department of Textiles and Clothing.
 Mrs. Lola Tingley Dudgeon, B.S., Research Assistant, Department of Foods and Nutrition.
 Dorothy Pearle Dyott, M.S., Research Assistant, Department of Foods and Nutrition.
 Mrs. Martha Henning Eddy, A.B., Professor of Home Economics.
 Mark Entorf, A.B., Extension Assistant Professor, Department of Family Life.
 Mrs. Dora Wetherbee Erway, Assistant Professor, Department of Household Art.
 Faith Fenton, M.S., Assistant Professor, Department of Foods and Nutrition.
 Marie Belle Fowler, M.A., Professor, Department of Family Life.
 Jessie Alice Freeman, B.S., Research Assistant, Department of Economics of the Household and Household Management.
 Mrs. Pauline Wells Fuller, B.S., Instructor, Department of Textiles and Clothing.
 Otilie Giese, B.S., Assistant, Department of Hotel Administration.
 Katharine Wyckoff Harris, M.A., Professor, Department of Institution Management, and Manager of the Cafeteria.
 Hazel Marie Hauck, Ph.D., Professor, Department of Foods and Nutrition.
 Mrs. Blanche Miller Hedrick, M.A., Extension Instructor, Department of Family Life.
 Grace Mildred Henderson, M.S., Extension Instructor in Home Economics.
 Ruth Elaine Henderson, B.S., Research Assistant, Department of Economics of the Household and Household Management.
 Eunice Heywood, B.S., Home Demonstration Agent at Large in Home Economics.
 Eva Elizabeth Hill, B.Ed., Instructor, Department of Institution Management, and Assistant Manager of the Cafeteria.
 Mrs. Alida Shangle Hotchkiss, M.S., Instructor, Department of Economics of the Household and Household Management (first term).
 †Margaret Louise Humphrey, M.A., Assistant Professor, Department of Textiles and Clothing.
 Mrs. Nita Collier Kendrick, B.S., Instructor, Department of Hotel Administration (first term).
 Eleanor Elaine Knowles, B.S., Extension Instructor, Department of Economics of the Household and Household Management.
 Martha Josephine Kremer, A.B., Instructor, Department of Economics of the Household and Household Management.
 Anna Marie Mapes, B.S., Research Assistant, Department of Foods and Nutrition.
 Anne Rasin Matthews, M.S., Extension Instructor, Department of Foods and Nutrition.
 *Howard Bagnall Meek, Ph.D., Professor, Department of Hotel Administration.
 Mrs. Lois Farmer Meek, B.S., Instructor, Department of Hotel Administration (second term).
 Jo Elizabeth Miller, B.S., Research Assistant, Department of Economics of the Household and Household Management.
 Edna May Mitchell, B.S., Instructor in Home Economics, Homemaking Apartments.
 Helen Monsch, M.A., Professor, Department of Foods and Nutrition.
 Grace Evelyn Morin, M.A., Professor, Department of Household Art.
 Caroline Morton, M.A., Extension Assistant Professor of Home Economics and Assistant State Leader of Home Demonstration Agents.

†On leave first and second terms.

*On leave first term.

- Mrs. Emma Dodson Nevin, M.A., Extension Instructor, Department of Textiles and Clothing.
- Kathryn Newton, B.S., Assistant, Department of Family Life.
- Helen May Paine, B.S., Assistant State Leader of Home Demonstration Agents.
- Mrs. Mary Peabody, R.N., Assistant, Department of Family Life.
- Mrs. Ida Osborn Perez, M.A., Instructor, Department of Textiles and Clothing.
- Catherine Jane Personius, M.A., Assistant Professor, Department of Foods and Nutrition.
- Marion Caroline Pfund, Ph.D., Professor, Department of Foods and Nutrition.
- Elizabeth Alice Pittman, B.S., Assistant, Department of Foods and Nutrition.
- Margaret Elizabeth Raffington, M.S., M.A., Instructor in Home Economics.
- Mrs. Marie Reed, R.N., Assistant, Department of Family Life.
- Katherine Reeves, A.B., Assistant Professor, Department of Family Life.
- Dorothy Deane Roberts, B.S., Instructor, Department of Institution Management.
- Mrs. Lemo Dennis Rockwood, Ph.D., Professor, Department of Family Life.
- Mabel Alice Rollins, M.S., Instructor, Department of Economics of the Household and Household Management (first term).
- Mrs. Nancy McNeal Roman, M.A., Extension Professor of Home Economics.
- Mrs. Dorothy Fessenden Sayles, B.S., Instructor, Department of Hotel Administration.
- Mrs. Eleanor Brewer Schempf, B.S., Assistant, Department of Foods and Nutrition.
- Doris Schumaker, M.A., Professor of Home Economics and Adviser on Educational Procedure.
- Mrs. Alma Fincher Scidmore, Assistant Professor, Department of Household Art.
- Dorothy Annie Scofield, B.S., Research Assistant, Department of Foods and Nutrition.
- Ruth Jean Scott, B.S., Assistant Professor, Department of Textiles and Clothing.
- Lillian Shaben, M.A., Extension Assistant Professor, Department of Foods and Nutrition.
- Mrs. Kathleen Halsted Small, Editor in Home Economics.
- Mrs. Laura Lee W. Smith, Ph.D., Instructor, Department of Foods and Nutrition (first term).
- Mrs. Ruby Green Smith, Ph.D., Extension Professor of Home Economics and State Leader of Home Demonstration Agents.
- Mildred Gertrude Spicer, M.A., Research Assistant, Department of Economics of the Household and Household Management.
- †Catherine Hedwig Stainken, B.S., Assistant, Department of Foods and Nutrition.
- Mrs. Julia Gleason Strahan, B.S., Extension Instructor, Department of Textiles and Clothing.
- Mrs. Mary Little Thomas, M.S., Instructor in Home Economics, in charge of Homemaking Apartments.
- Louis Toth, C.P.A., Assistant Professor, Department of Hotel Administration (second term).
- Kathryn May Traer, B.S., Assistant, Department of Foods and Nutrition.
- Allan Hosie Treman, A.B., LL.B., Instructor, Department of Hotel Administration (first term).
- Virginia True, B.A.Ed., M.F.A., Instructor, Department of Household Art.
- Mrs. Ethel Bushnell Waring, Ph.D., Professor, Department of Family Life.
- Annette J. Warner, Emeritus Professor, Department of Household Art.
- Jan Warren, M.S., Instructor, Department of Economics of the Household and Household Management.
- Mrs. Ellen Kemp Watson, B.S., Assistant, Department of Foods and Nutrition (first term).
- Delpha Wiesenanger, M.S., Extension Instructor, Department of Economics of the Household and Household Management.
- Carrie Colver Williams, B.S., Assistant State Leader of Home Demonstration Agents.

†On leave first and second terms.

Grace Dorothy Williams, M.S., Extension Instructor, Department of Foods and Nutrition.

Mrs. Lucille Johnson Williamson, Ph.D., Extension Assistant Professor, Department of Economics of the Household and Household Management.

Marion Aurelia Wood, B.S., Research Assistant, Department of Institution Management.

Therese Elizabeth Wood, B.S., Extension Instructor, Department of Foods and Nutrition.

Olive Woodruff, M.A., Instructor, Department of Family Life.

*Florence E. Wright, M.S., Extension Assistant Professor, Department of Household Art.

Orrilla Wright, B.S., Assistant State Leader of Home Demonstration Agents.

Margaret Wylie, Ph.D., Extension Professor, Department of Family Life.

*On leave first term.