

CORNELL UNIVERSITY OFFICIAL PUBLICATION  
VOLUME 31 : JUNE 15, 1940 : NUMBER 21

Announcement of the  
New York State College of  
Home Economics  
for 1940-41

PUBLISHED BY CORNELL UNIVERSITY AT ITHACA, N.Y.

Monthly in September, October and November  
Semi-monthly, December to August inclusive

*[Entered as second-class matter, December 14, 1916, at the post office at Ithaca,  
New York, under the act of August 24, 1912]*

# THE CALENDAR FOR 1940-41

## FIRST TERM

1940		
Sept. 16	Monday	University entrance examinations begin.
Sept. 19	Thursday	Freshmen Week-End begins.
Sept. 23	Monday	Academic year begins. Registration of new students.
Sept. 24	Tuesday	Registration of old students.
Sept. 26	Thurs. 8 a.m.	Instruction begins.
Oct. 7	Monday	Last day for registering changes in first-term schedule.
Oct. 17	Thursday	Last day for payment of tuition and fees.
Nov. 21-23		<i>Thanksgiving recess.</i>
Dec. 21	Sat. 12.50 p.m.	Instruction ends.
1941		<i>Christmas recess.</i>
Jan. 6	Thurs. 8 a.m.	Instruction resumed.
Jan. 11	Saturday	Birthday of Ezra Cornell. Founder's Day.
Jan. 27	Monday	Term examinations begin.
Feb. 5	Wednesday	Term examinations end.

## SECOND TERM

Feb. 7	Friday	Registration of all students.
Feb. 10	Mon. 8 a.m.	Instruction begins.
Feb. 10-15		Farm and Home Week.
Feb. 20	Thursday	Last day for registering changes in second-term schedule.
Mar. 3	Monday	Last day for payment of second-term tuition and fees.
Mar. 29	Sat. 12.50 p.m.	Instruction ends.
		<i>Spring recess.</i>
Apr. 7	Mon. 8 a.m.	Instruction resumed.
May —	Saturday	<i>Spring Day, recess.</i>
June 2	Monday	Term examinations begin.
June 16	Monday	COMMENCEMENT.

## SUMMER SESSION

July —	1941 Monday	Summer session begins.
Aug. —	Friday	Summer session ends.

## DATES OF FIVE- AND SEVEN-WEEK "BLOCKS"

Classes in Family Life 330, Textiles and Clothing 220, Home making Apartments 300, and Rural Education 136 are "blocked" in five-week periods as follows:

First Term  
Sept. 26—Nov. 2  
Nov. 4—Dec. 7  
Dec. 9—Jan. 25

Second Term  
\*Feb. 15—Mar. 15  
Mar. 17—Apr. 26  
Apr. 28—May 31

Classes in Family Life 330, in Institution Management 100, and in Textiles and Clothing 220 are "blocked" in seven-week periods as follows:

First Term  
Sept. 26—Nov. 18  
Nov. 19—Jan. 25

Second Term  
Feb. 17—Apr. 12  
Apr. 14—May 31

\*Rural Education 136 starts February 10.

## 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.

Applications for admission to the College of Home Economics: 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.

Summer Session: Dr. Loren C. Petry, Plant Science Building.

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

Evaluation of credits for advanced standing: Professor C. H. Guise, Office of Resident Instruction, Roberts Hall.

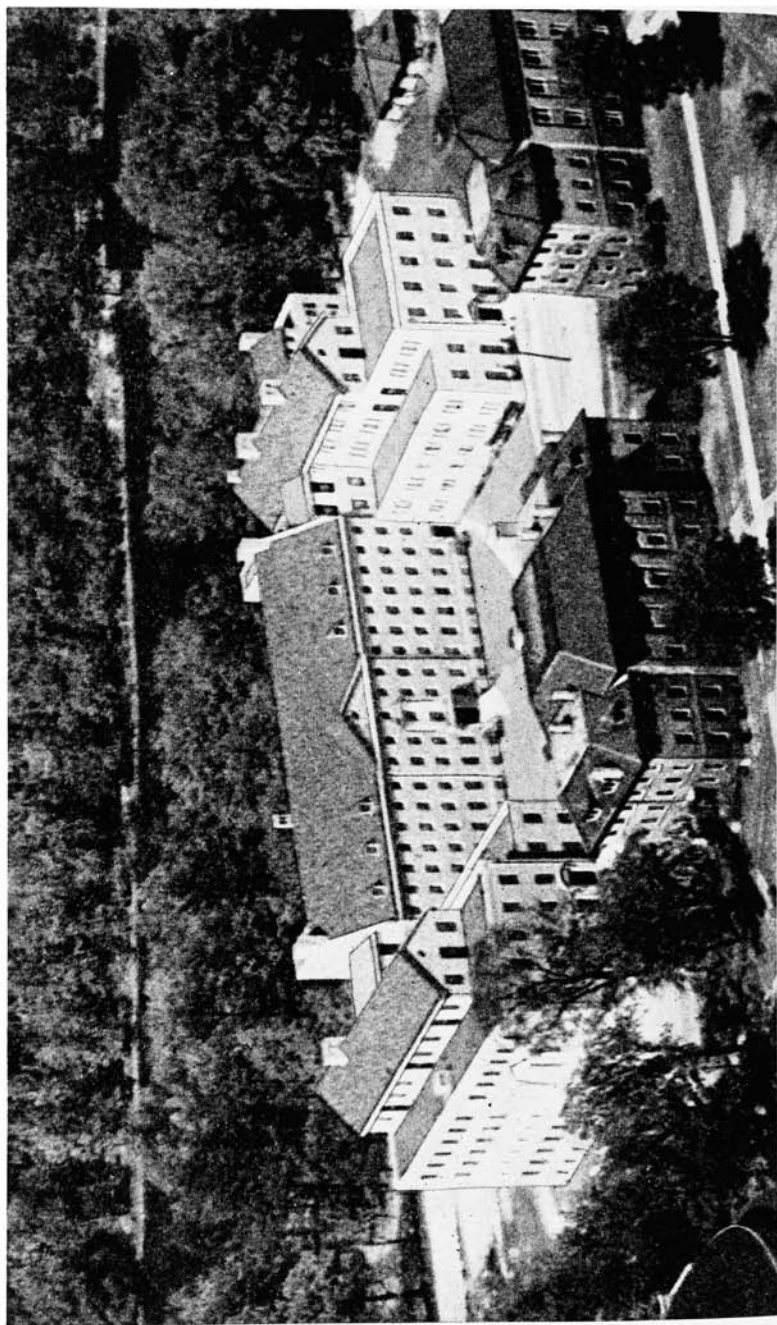
Transcripts of college records: Office of the Registrar, Morrill Hall.

Content of courses, and vocational opportunities in Home Economics: 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.

Residence in other than college house, and opportunities for earning partial expenses: the Dean of Women, Cornell University.

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



MARTHA VAN RENSSELAER HALL (LIGHT BUILDINGS), WITH BEEBE LAKE IN THE BACKGROUND

## GENERAL INFORMATION

### HOME ECONOMICS: ITS DEVELOPMENT AT CORNELL

The first college courses opened to women in America were planned to give educational opportunities equal to those for men, and the courses of study were comparable to those in the men's colleges. As time went on, educational leaders realized a need for a type of education suited more particularly to women. Since the home was conceived as the specific field of women's activities, courses were introduced to train women for their responsible tasks of homemaking.

In the early stages of its development, education in home economics consisted largely of teaching the efficient performance of household skills. As woman's status has changed, vocational opportunities have broadened, and she has become a voting citizen in the community as well as a homemaker, so education has broadened its scope. Today the New York State College of Home Economics aims to prepare its students to be not only intelligent homemakers but also intelligent citizens and contributors in the world of work.

Courses in Home Economics deal with the effective feeding and clothing of the family; the care and guidance of children; the family relationships; the organization and running of the home on a sound economic, social, and hygienic basis; and 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. Closely related are many courses in other colleges of the University. This College, as part of a University, gives students the opportunity to elect courses in many related fields. Of the 120 credit hours required for a degree, one-fourth are 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 in the various colleges of the University. English, Hygiene, and Physical Education are taken by all students. In addition to the above-outlined subject matter students are given some acquaintance with the vocations utilizing training in home economics.

Home economics as a branch of education at Cornell began in 1900. It was established as a department in the New York State College of Agriculture in 1908, and 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. It is now the fourth largest of the colleges in the University. Linked with the resident instruction and the research is the extension service, which reaches into homes and communities throughout the State.

### MARTHA VAN RENSSELAER HALL

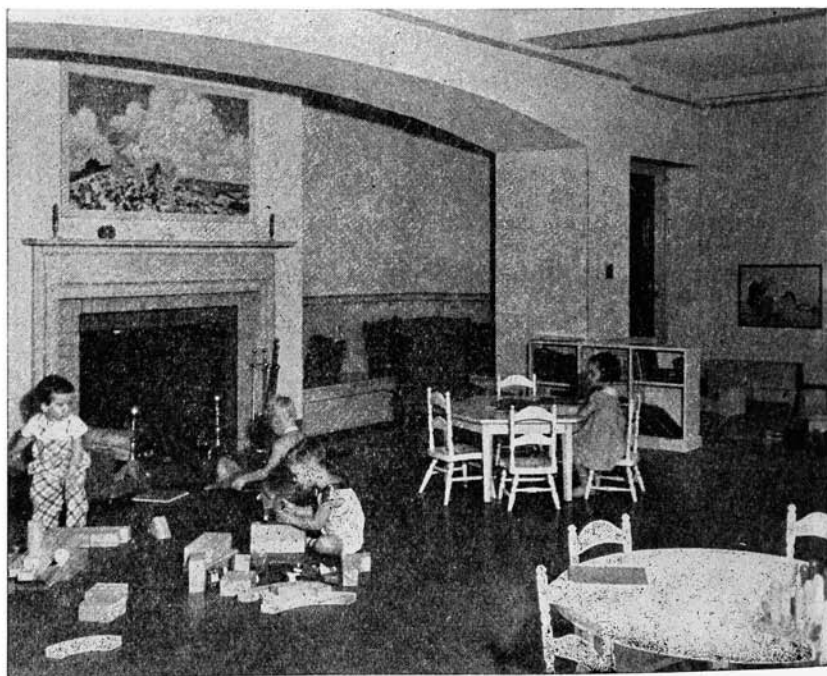
The New York State College of Home Economics is housed in Martha Van Rensselaer Hall, named for the founder of home economics education at Cornell. This building, which was dedicated in 1934, is on the upper terrace of the campus, overlooking Beebe Lake,

and the rooms on its upper floors command an excellent view of Cayuga Lake as well. The architecture of the building is Georgian.

The Department of Economics of the Household occupies 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 study home management. In these laboratories temporary walls are used to form rooms of various sizes and shapes, and easily movable equipment makes it possible to set up actual work centers for study.

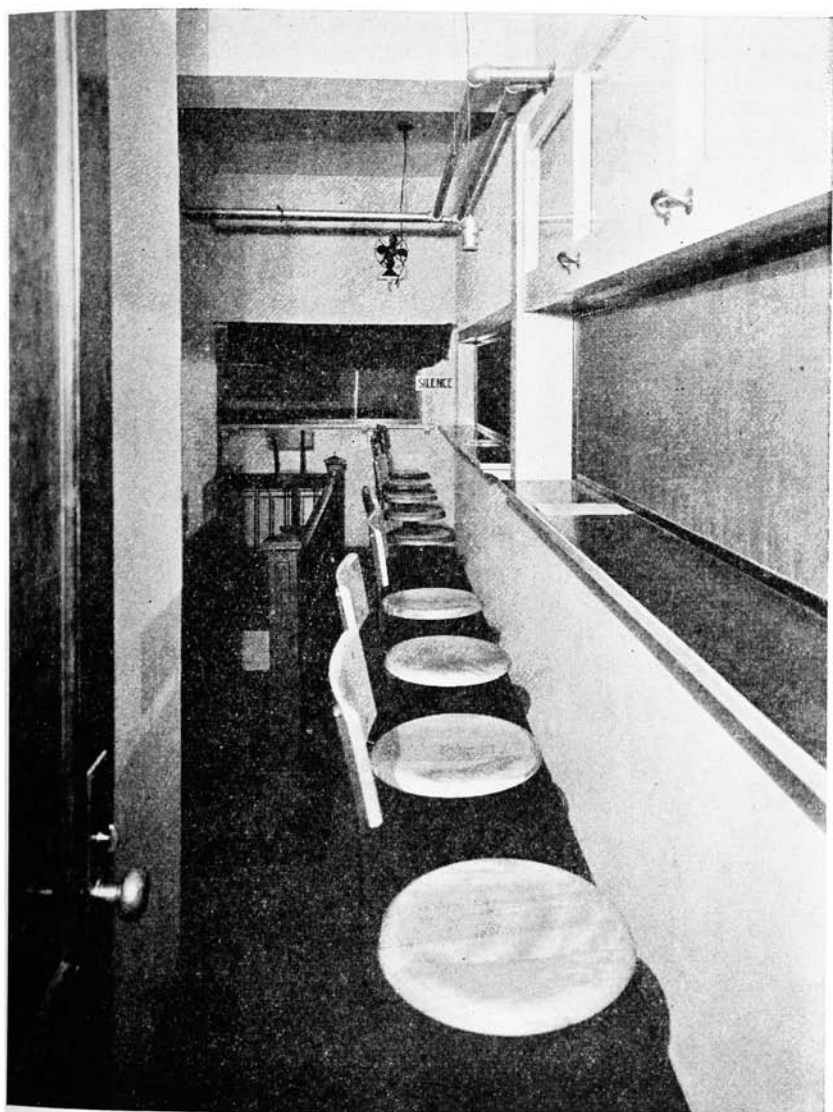
The Department of Family Life, including the Nursery School, is housed in one wing of the building. Two homemaking apartments are on the floors above the Nursery School.

The Nursery School has ample indoor and outdoor play space; small reception rooms; offices; rooms for weighing, measuring, and physical examination; a room for psychological examination; a children's dining room and an adjacent kitchen for the preparation of the noon lunch; and a nap room. Observation booths make it possible for parents and students to watch and record child behavior without intrusion into the school's program.



NURSERY-SCHOOL PLAYROOM, LOOKING TOWARD THE FIREPLACE

"It's quite a big world—this room."—(Dixon, in *Children Are Like That*)



AN OBSERVATION BOOTH

The nursery school is equipped with one-way-vision screens opening upon the children's rooms, where students and parents may see and hear the children in all their activities without disturbing the school program

The rooms of the Department of Foods and Nutrition are on the second, third, and fourth floors of the west wing. These include laboratories for the study of foods chemistry, nutrition, and food preparation, and laboratories for research. Two of the laboratories for food preparation are arranged as unit kitchens to approximate home situations. A small dining room adjoins both laboratories.



ONE OF NINE UNIT KITCHENS IN A LABORATORY FOR FOOD PREPARATION

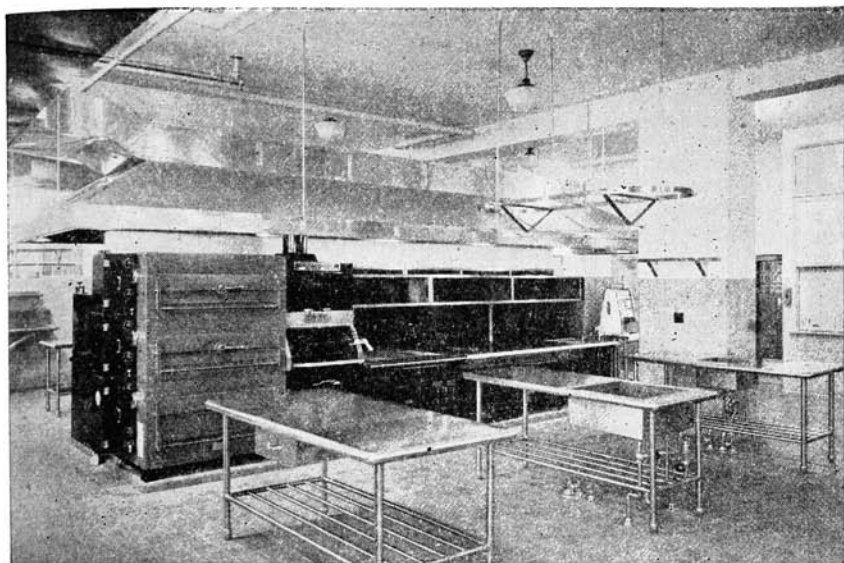
Each unit is arranged to approximate a home kitchen

The rooms of the Department of Household Art are on the third and fourth floors and include laboratories for house planning and furnishing, studios for work in color, design, and handicrafts, and a small gallery for exhibits.

The laboratories for house planning and furnishing are provided with adjustable partitions, which make it possible to set up a full-sized replica of a house. Here students may work out real furnishing problems in cooperation with families.

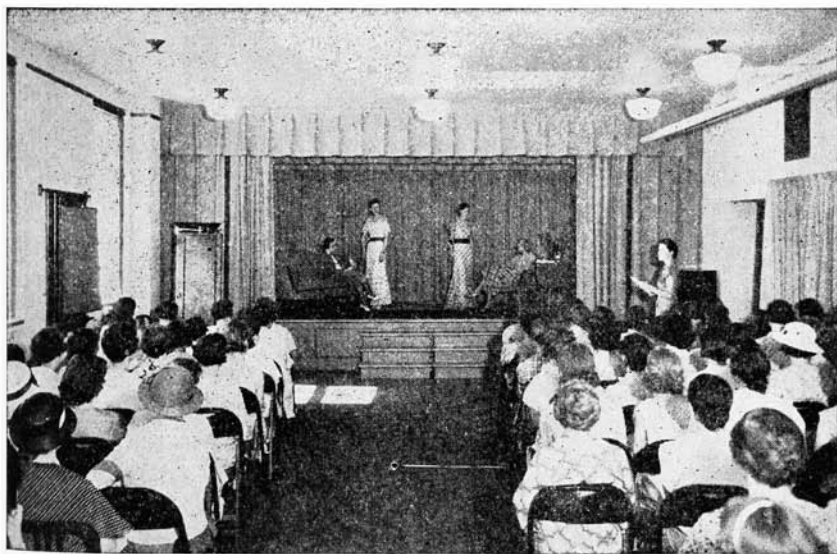
The Department of Institution Management occupies much of the lower part of the west wing of Martha Van Rensselaer Hall. The cafeteria dining rooms and kitchens afford opportunities for student projects. The equipment was selected on the basis of teaching possibilities, and students become familiar with the details of construction as well as of operation.





THE CAFETERIA KITCHEN

The Department of Textiles and Clothing occupies the second floor of the east wing. There are five laboratories, two work rooms, and staff offices. One large laboratory with a stage may be converted into a small auditorium that seats about 150 persons, and may be used for fashion shows.



CLOTHING LABORATORY TRANSFORMED INTO AN ASSEMBLY

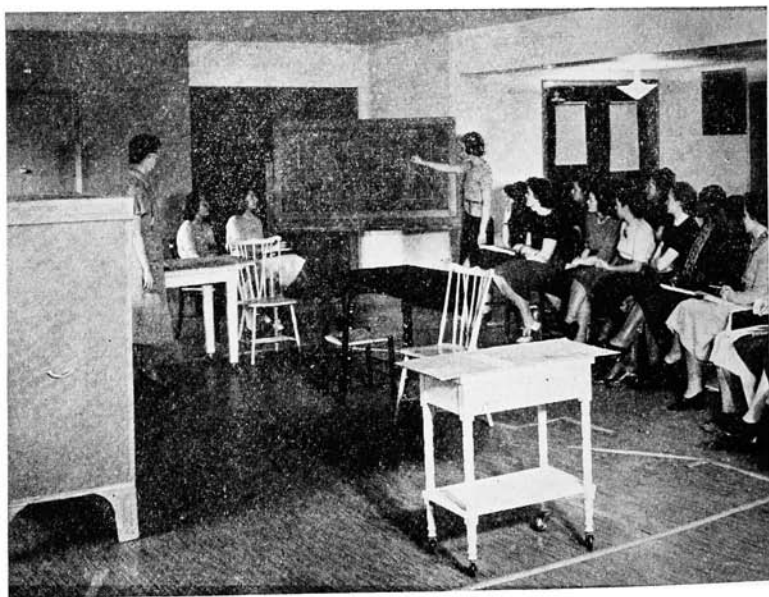
Junior students in modeling are displaying their work to a freshman audience. This gives opportunity for developing poise and experience in organizing material suitable for an assembly, parent-teacher meetings, or other high-school or college activities of this type

Besides the classrooms and laboratories of each department, there are 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.

#### THE COLLEGE DEPARTMENTS OF INSTRUCTION

Instruction in the College is organized around six phases of home and community life: Economics of the Household and Household Management; Family Relationships and Child Development; Foods and Nutrition; Household Art; Institution Management; Textiles and Clothing. Work in each department deals with both 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 but rather as different aspects of the total program of homemaking education.

The Department of Economics of the Household and Household Management aims to help clarify the scope and meaning of management in the home, and the relation of the management of resources



A CLASS IN HOUSEHOLD MANAGEMENT.

Problems regarding the arrangement of work centers, brought to the College by homemakers, are studied by college students. The floor is taped to represent the homemaker's kitchen. Portable equipment is used, and lines of travel are studied to determine how energy used in performing tasks can be reduced by possible changes in that particular home.

to the well-being of individuals in the family; to help students to understand the relation of economic problems of the home to general economic conditions; and to provide a background for intelligent civic action in furthering human well-being.

In the Department of Family Life, courses and experiences are designed to give an understanding of the various factors influencing human behavior and relationships. Courses deal with the social and physical environment of the growing child, the psychological principles underlying the guidance of children, the health of the family, and the significance of the relationships between various members of the family group.

Observation of young children and practical experiences with them are provided through the Nursery School. Opportunity is given for seeing the work of various types of nursery schools, by having students observe and assist in the federal nursery school in Ithaca, and in the nurseries connected with the north-side and west-side settlement houses, as well as at the nursery school maintained at the College.



TINY HELPERS IN THE KITCHEN OF THE NURSERY SCHOOL

With care the apricot sauce can be transferred from the bowl exactly into the middle of each dish

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



CHILD-HEALTH CLINIC

Students under the direction of the instructor give parents advice about the diets of their infants and young children

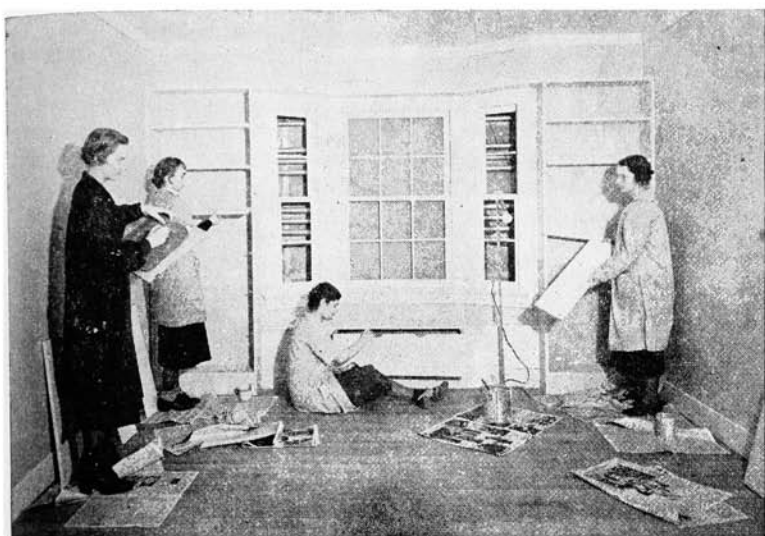
situations in which students may observe the food practices of individuals and families, may study the inherent problems and results of these practices, and participate in helping to improve them.

The 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.

The Department of Household Art includes in its curriculum foundation work in art, house planning, furnishings, and crafts. Through creative experiment and guided observation, the student develops a background of experiences that make for a greater understanding and appreciation of her everyday surroundings.

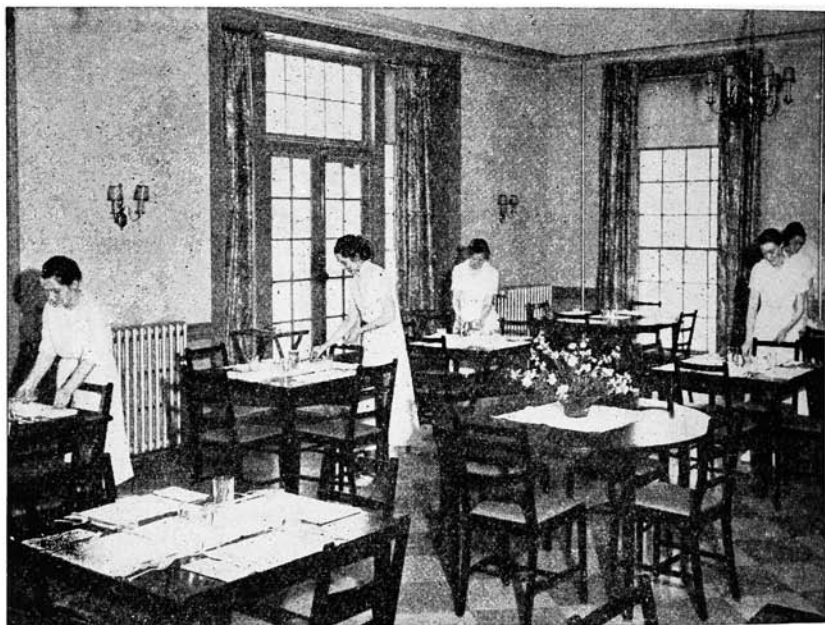
A small art gallery has exhibitions of current interest, and maintains a permanent collection from which students may borrow pictures by the semester for use in their rooms.

The Department of Institution Management offers to the student orientation and pre-vocational training in food administration. Practice is provided in situations where large numbers of persons are served. The students participate in preparing and serving food in the cafeteria where approximately 1000 patrons are fed each day. They



ACTUAL ROOMS SET IN LABORATORIES IN HOUSEHOLD ART

may share also in the operation of the Green Room, a small tea room that serves luncheons two days a week to a group of from 60 to 80 guests, and for special occasions such as banquets, buffet suppers, luncheons, and teas. Courses include work in organization and administration procedures, the selection, care, preparation, and service of food in quantity, menu-planning, personnel management, accounting and food control, and the selection and care of institution equipment and furnishings.



STUDENTS AT WORK IN THE GREEN ROOM

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.

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. 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.

The homemaking apartments offer a project for the practice and unification of the subject matter of several of the main departments. Students live in the apartments for five-week periods, carrying on the tasks and studying the organization of a "household."



CLOTHING LABORATORY

Students work on individual clothing problems

### 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 courses are offered in community leadership, and work is recommended in sociology and education to supplement the offerings of the various departments of Home Economics. In the courses in home-economics leadership emphasis is given to a discovery of widespread and significant homemaking practices, conditions, and resources of homes 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.



## TEXTILE LABORATORY

Men students from the Department of Hotel Administration are here using the laboratory for the study of mattresses. By handling parts of all types of mattresses they familiarize themselves with points to be checked when purchasing such supplies for hotel use.



## STUDENT COUNSELING SERVICE

A student counseling service is maintained in the College to foster the optimum growth and development of the student. Class counselors are available to help the student evaluate her interests and capabilities and to help her plan her program in relation to the educational experiences available in college. The counseling service functions as a coordinating agency between staff and students in matters of educational procedure and curriculum.

In addition to class counseling, the counseling staff, with the administration, is responsible for selection of students. This staff is also in charge of the orientation program which is designed to help the student adjust herself to the college environment, to become acquainted with the educational experiences it offers, and to plan not only for her college years but for after-college living. Included in this part of the counseling program are freshman weekend, the freshman orientation courses, and a vocational orientation course for upper-class students. Vocational counseling and placement are coordinate services.

## ADMISSION

### ENTRANCE REQUIREMENTS

A blank for formal application 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 the last date* on which formal application for admission in September may be filed. *Application should be made well in advance of this date* (preferably during the first term of the senior year in high school), 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 above requirements, applicants must present the following qualifications in order to be entitled to consideration by the Committee on Admissions: a New York State Regents' average (or an equivalent high-school average, if the applicant is from another State) of at least 80 per cent at the end of the high-school course; a scholastic rating in the upper two-fifths of the high-school graduating class; evidence of breadth and continuity of interest, and such characteristics of personality as self-reliance and industry. Students applying for admission with advanced standing from other colleges must present equally high records.

The number of applicants that meet the minimum scholastic requirements for entrance greatly exceeds the number that can be admitted. Each applicant is advised to investigate other educational opportunities and to make an alternative plan 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 in the spring announcing plans for interviews at various centers throughout the State.

Candidates for admission must make a deposit of \$25 *due before June 1*, and present 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 Univer-

sity, Morrill Hall. Every applicant for admission should obtain a copy of the *General Information Number*.

#### ADMISSION WITH ADVANCED STANDING

The records of students admitted to the College of Home Economics from other colleges in Cornell University or from other institutions of collegiate rank, may be submitted for credit towards 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 36. She must also be in residence in the College of Home Economics for the last two terms prior to receiving the degree, and must complete at least 15 hours a term, two-thirds of which must be in the College of Home Economics.

#### ADMISSION WITH SPECIAL STANDING

The College of Home Economics is able to accommodate a very limited number of special students not candidates for advanced degrees. Applicants must already hold baccalaureate degrees. Customarily special students take at least two-thirds of their work in the College of Home Economics.

Before making formal application through the Director of Admissions for entrance with special standing in the College of Home Economics, informal correspondence with the Assistant Director of the College is desirable to determine the possibility of acceptance.

Special students are expected to pay the same University fees as those paid by regular students in the University (see pages 21 to 24). Applicants should correspond with the Office of the Dean of Women regarding rooms. Expenditures for books, fees, and materials can be estimated at less than those for regular students as special students usually take fewer courses.

#### ADMISSION OF GRADUATE STUDENTS

Graduate study leading to advanced degrees is offered in the departments of Economics of the Household, Family Life, Foods and Nutrition, and Textiles, Clothing, and Household Art. Candidates for advanced degrees are registered in the Graduate School of the University. Full information is given in the *Announcement of the Graduate School*.

#### FRESHMAN WEEK-END

Freshman students accepted for admission to the College of Home Economics in 1940 are expected to report at the auditorium in Martha Van Rensselaer Hall on Thursday afternoon, September 19, at two o'clock, and to be present at all sessions of the program during Freshman Week-End. This arrangement helps freshmen to become acquainted with the new environment and to make plans for their year's work before college begins.

All freshmen are expected to live in the dormitories during Fresh-

man Week-End. Students regularly assigned to dormitory rooms may go directly there. Students who have been given permission by the Dean of Women to live outside of the dormitories during the year will receive dormitory room assignments for Freshman Week-End before leaving home, from the Manager of Residential Halls. Room assignments for students who live in Ithaca may be obtained from the Manager of Residential Halls (3331, extension 5) between September 16 and 18.

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.

## 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. 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.

## EXPENSES

### 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 \$200 a year for tuition.

### 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 24.

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. In case of illness any student is admitted to the Infirmary on her physician's recommendation and receives without charge a bed in a ward, board, and ordinary nursing for a period not exceeding two weeks in any one academic year. Beyond this period a charge of \$2 a day is made for ordinary service. For further details regarding the services of the Infirmary, students should read page 26 of the *General Information Number*.

**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. Its payment entitles women students 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 of \$25.

**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 any balance remaining is returned to the student during the following term.

**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 32 to 34.

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.

### DATES FOR PAYMENT OF BOARD AND ROOM, TUITION, AND OTHER FEES

Board and room in the dormitories is \$525. This is payable in quarters on September 1, November 25, February 5, and April 5.

The tuition fee of \$200 is payable in installments of \$110 at the beginning of the first term, and \$90 at the beginning of the second term, but a student registered only for the second term of the academic year is required to pay at the rate of the first term.

Tuition and other fees must be paid within twenty days 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. For such an extension a fee of \$2 is assessed. 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 Treasurer 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.

### PROCEDURE FOR PAYMENT OF FEES AND DEPOSITS

The Registrar provides each student at the beginning of the term with registration forms consisting of strips of perforated coupons. Two of these coupons in each term are used as a bill and receipt. The student enters on the bill his tuition, other fees, and deposits in the spaces provided and presents this coupon and the receipt form to the Cashier in the Treasurer's office along with his money. The Treasurer does not issue term bills. Since there are penalties for late payment of fees as described above, it is important that all fees be paid within the prescribed time.

### THE CASHING OF CHECKS

The Treasurer of the University accepts checks in settlement of charges payable at his office, but a rule of the Board of Trustees forbids him to cash any credit instrument, even to the extent of accepting a check or draft in amount greater than the sum due and returning the excess in cash. Students are therefore advised to open an account

in an Ithaca bank as soon as they arrive in town, or else to provide themselves with travelers' checks, drafts on New York City banks, money orders, or other form of credit instrument such as a bank will cash in the ordinary course of business.

### ESTIMATE OF ANNUAL STUDENT EXPENSES

**Personal expenses**, such as transportation to and from home, clothing, recreation, and miscellaneous items, are to be estimated by the individual. Statement of the average expenditures by freshmen for the current year will be sent during the summer to incoming freshmen.

#### University expenses

##### REQUIRED:

##### All students

†Tuition (see page 21).....	_____
Room and board in dormitory* (see page 21).....	\$525.00
†Administration fee.....	10.00
†Infirmary 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

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

†Special students also are held for these fees.



## 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 an average college program. Otherwise health, the quality of scholastic work, and many of the opportunities which a college education affords, are sacrificed. In planning their college program 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

Usually after the first year employment can be obtained more easily. The largest amount that any student is able to earn is her room and board in a private family, in return for four hours of work a day in the home. 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.

#### SUMMER EMPLOYMENT

Summer work serves a two-fold purpose. In addition to financial assistance, it provides an opportunity for the student to gain vocational experience, in some cases to see the various opportunities a given vocational field offers, and to learn something of the personal qualifications and adjustments required.

During the summer of 1939 undergraduates were engaged in many camp jobs as counsellors, dietitians, or assistant dietitians; in resorts as waitresses, cooks, clerical workers, hostesses, and recreation leaders; in families as general assistants; in tea rooms and cafeterias as general assistants; in department stores as salespeople. A number of the opportunities were for apprenticeships in the dietary departments of hospitals, for students who anticipate post-graduate training in hospital dietetics.

Earnings vary with the length of period of employment and with type of job. In 1939 earnings ranged from maintenance to \$300. Of 162 students reporting summer work, 60 earned \$100 or more. The average amount earned in the summer was about \$88.

## VOCATIONAL PREPARATION, AND PLACEMENT OF GRADUATES

Students are encouraged to study their own skills and abilities, and to acquaint themselves with the opportunities and requirements of as many vocational fields as possible. A part of the freshman orientation course deals with the vocational openings for women trained in home economics. A course in vocational orientation is conducted for upperclassmen, studying fields of work, qualifications, and methods of application.

General meetings open to all students in the College are held at intervals throughout the year. Members of the staff and outside speakers discuss fields of work and qualifications for them. Also, methods of application, of interviewing, and of letter-writing are considered. Further guidance is given through individual conferences.

Except for the teacher placements, which are centralized in the Bureau of Education Service, the placement of Home Economics graduates is cared for largely by the office of the Secretary of the College. The office of the Secretary serves as a clearing house for requests by prospective employers for credentials of Home Economics graduates. Records of school-year, summer, and graduate employment and reports from employers on work success are kept in this office and summarized in the records of candidates applying for jobs.

Home Economics gives a good background for a wide range of positions. Graduates of this College are engaged in *business* as clerks, secretaries, home-economics advisers, home service workers, clothing buyers, and managers of their own shops; in *educational work* as teachers in colleges, high schools, nursery schools, radio schools, and specialized schools for the handicapped; in *foods and nutrition* as clinic and county nutritionists, and as research and publicity workers in the home-economics departments of commercial foods companies; in *institution management positions* as hospital dietitians, or as managerial dietitians in college residence halls, school cafeterias, homes for children, and similar institutions; in commercial and industrial restaurants, cafeterias, coffee shops, and tea rooms; in *social work* in welfare organizations, in religious education, in the Red Cross, in farm-security administration. A number have gone on into the *professions* after post-graduate training and are now listed as bacteriologists, chemists, physicians, editors, journalists, and librarians.

## SCHOLARSHIPS, PRIZES, AND LOANS

Students should acquaint themselves with the information on scholarships available for women in any college in the University. Information about these and about loans is given on pages 36 to 42 of the *General Information Number*.

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

## THE HOME BUREAU SCHOLARSHIPS

Four scholarships, established by the New York State Federation of Home Bureaus, are awarded each year in recognition of scholarship, leadership, and aptitude for extension service. Applications should be filed with the Secretary of the College by March 1.

*The Carrie Gardner Bridgen Scholarship* was named in honor of the first president of the New York State Federation of Home Bureaus. The scholarship is awarded to a member of the incoming senior class, and was held during the year 1939-40 by Virginia Mabelle Pease of the class of 1940.

*The Martha Van Rensselaer Scholarship* was named in honor of the first state leader of home-demonstration agents in this State, and the first director of the New York State College of Home Economics. The scholarship is awarded to a member of the incoming senior class, and was held during the year 1939-40 by Dorothy Elizabeth Cooper of the class of 1940.

*The Flora Rose Scholarship* was named in honor of the second director of the New York State College of Home Economics. It is awarded to an incoming junior or senior and was awarded for the first time in 1939-40, to Margaret Ernestine Soper of the class of 1940.

*The Ruby Green Smith Scholarship* was named in honor of the present state leader of home-demonstration agents and counselor of the New York State Federation of Home Bureaus. It is awarded to an incoming junior or senior and was held during the year 1939-40 by Eleanor Louise Slack of the class of 1941.

## THE BERTHA DUNCKEL DUFFY SCHOLARSHIPS

The New York State Daughters of the American Revolution have established four scholarships of \$100 each in the New York State College of Home Economics. These scholarships were named in honor of the State regent, Mrs. George Duffy. They are awarded annually, to members of the incoming sophomore, junior, and senior classes. Awards are made on the basis of scholarship, leadership, and financial need. Other qualifications being equal, the student with greatest financial need is given preference. For each scholarship two candidates are recommended by the chairman of the college committee on scholarships to the D. A. R. state regent and state chairman of girl homemakers' committee, who make the final decision. Candidates should be residents of the State.

Applications should be filed by March 1 at the office of the Secretary of the College. Blanks may be obtained at that office. Awarded for 1939-40 to Helen Irene Douty of the class of 1941 and to Margaret Howe Fish of the class of 1942.

## THE HOME ECONOMICS CLUB SCHOLARSHIP

The Home Economics Club Scholarship of \$100 is awarded in the spring to a member of the incoming senior class. 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 by March 1. The holder of the scholarship is selected by the scholarship committee of the faculty, cooperating with a committee of three seniors appointed by the president of the Home Economics Club. Awarded for 1939-40 to Joan Timme Rochow and Anna Fusek of the class of 1940.

#### OMICRON NU SCHOLARSHIP

Omicron Nu offers three scholarships of \$50 each to members of the incoming junior class. The awards are made on the basis of scholarship, leadership, and financial need. Applications must be filed in the office of the Secretary of the College by March 1. Awarded for 1939-40 to Mary Esther Munson and Muriel Elizabeth Elliott of the class of 1941.

#### THE ROBERT M. ADAMS 4-H MEMORIAL SCHOLARSHIP

The Robert M. Adams 4-H Memorial Scholarship was established in memory of Professor R. M. Adams by the 4-H Clubs of the State of New York. The scholarship yields approximately \$50 a year. Students who are state residents are eligible to apply after their first year in the College, and those who have been 4-H Club members are given first consideration. The award is based on financial need, character, ability, and scholarship. Application for this scholarship should be made to the Secretary of the College by March 1. Awarded for 1939-40 to Caroline Blunn Clark of the class of 1940.

#### DREYFUS MEMORIAL SCHOLARSHIPS

Two scholarships of an annual value of about \$500 each have been established by Mrs. Berta E. Dreyfus in memory of her husband, Dr. Louis A. Dreyfus. In their award preference is given first to students coming from the high schools of Richmond County, New York, and next to those from Sandusky County, Ohio. First consideration is given to those specializing in Chemistry, Engineering, or Agriculture or, to women, in Home Economics or Arts and Sciences. These scholarships are awarded to incoming juniors and seniors. Application should be made to the chairman of the University Scholarship Committee before the close of the spring term. Further information may be obtained from Mr. William Sale, 159 Goldwin Smith Hall.

#### THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP

The New York State Federation of Women's Clubs offers from time to time two scholarships of \$250 each. Award is on the basis of scholarship, financial need, and a desire to serve the interests of

homemaking in New York State. A student is not eligible who is the holder of another scholarship. Applications should be filed with the Chairman of the Federation Scholarship Committee, Mrs. G. Sherman Angell, 65 Maple Street, Hornell, New York.

#### THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship is given by the Association of Homemaking Teachers of the New York City Elementary and High Schools in memory of a former director of Homemaking Education. It is awarded to a student entering the New York State College of Home Economics. To be eligible to apply the student must be outstanding in scholarship and character and must be recommended by the teacher of home-making in her particular high school. She must expect to prepare for teaching in New York City. Awarded for 1939-40 to Betty Oastler Bowman of the class of 1943.

#### 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 Secretary of the College by March 1. Awarded for 1939-40 to Henrietta Lucille Hoag of the class of 1940.

#### THE DANFORTH SUMMER FELLOWSHIP AND THE DANFORTH GIRLS' SCHOLARSHIP

The Danforth Summer Fellowship is awarded annually by the Danforth Foundation and the Ralston-Purina Mills in St. Louis, Missouri, to outstanding juniors of thirty-seven state universities. Juniors in the New York State College of Home Economics are eligible to apply through the office of the Secretary of the College. Applications should be filed by April 15.

This fellowship provides opportunity to study problems of manufacturing, commercial research, distribution, advertising, personnel, and leadership. The fellowship covers the student's expenses for two weeks of study and observation at the Ralston-Purina plant in St. Louis, and for two weeks of leadership training at the American Youth Foundation Camp on Lake Michigan.

The recipient is chosen by a faculty committee for her interest in the commercial field, her scholarship and leadership ability, and as an outstanding student in physical, mental, social, and religious development. The holder of the fellowship in the summer of 1939 was Mildred Jessica Wells of the class of 1940.

The Danforth Girls' Scholarship is awarded annually to an outstanding freshman in Home Economics. Cornell is eligible to recom-

mend candidates. The candidate recommended by her College receives a half scholarship, and one girl is chosen by the Danforth Foundation for the national honor of a full scholarship. Candidates receive two weeks of leadership training with free tuition and expenses at the American Youth Foundation Camp on Lake Michigan. A half scholarship was awarded in the summer of 1939 to Dorothy Hope Dewey of the class of 1942.

#### PRIZES

For information concerning prizes offered in the University and open to competition of students in the College of Home Economics, see the pamphlet, *Prize Competitions*, which may be obtained at the office of the Secretary of the University, 27 Morrill Hall.

#### ALUMNAE CASH AWARDS

A small fund is maintained by the Alumnae Association of the New York State College of Home Economics from which worthy students under financial pressure may receive small sums, no amount to exceed \$20. Application should be made through the Secretary of the College.

The Home Economics Club has made available a small fund for students who need help in meeting fees. Use of the fund is on recommendation of the adviser. Application is made through the Secretary of the College.

#### LOANS

The Emma Rose Curtis loan fund was established from a sum of money presented by Emma Rose Curtis of the class of 1937, and is maintained by Omicron Nu. Seniors in the New York State College of Home Economics may borrow from this fund. No interest is charged, but loans must be paid back a year from the time of borrowing to insure help to other students. Applications for loans from this fund should be made through the Secretary of the College.

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.

A number of loan funds are available to needy students through the University. These are administered by a standing committee. Applications are made through the Office of the Dean of Women. For details regarding the use of loan funds students should refer to page 40 of the *General Information Number*. Attention is called particularly to the American Agriculturist Foundation loan fund for students of Agriculture or Home Economics.

## SPECIAL REGULATIONS AND PROCEDURES

### REGISTRATION

Students must register in the University, as well as for courses they expect to take as members of the College. Special students follow the same procedure for registration as regular students.

Registration in the University is held September 23 and 24 and February 7. 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 Orientation 100.

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 to be used as guides in making the official study card.

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

At registration the official study card should be filed, with the registrar's coupon No. 4, by the student personally, in order that any questions may be attended to without delay. A student who is absent from registration and who does not file the study card personally runs the risk of losing a place in a class for which the instructor's permission must be obtained and, if the card is in any way incomplete, the Secretary of the College may hold the card until the student's return. This makes the student liable for the late registration fee.

### LATE 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 the study card after registration day shall first pay a fee of \$2.

These assessments may be waived only 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 Secretary of the College.



## CHANGES IN COURSE REGISTRATIONS

A student who desires to drop a course or to enter another after the term has begun, must obtain a change-of-registration slip from the office of the Secretary of the College and file this at the same office when she has filled it out. A student cannot be admitted to a class until her name is on the registration lists sent to instructors by the Secretary of the College.

After the first ten days of the term, changes in registration may be made only by petition and on the recommendation of the adviser. Petition blanks may be obtained at the office of the Secretary of the College. Petitions should state clearly and convincingly the reason for the request that is made. Students who petition for changes in registration after the first ten days of the term may be held for the course fee at the discretion of the instructor and the Petitions Committee.

The student should continue class attendance until official notification is received that the petition is granted.

## ATTENDANCE AND ABSENCES

University exercises begin at 8 a.m. and close at 4 p.m. unless otherwise noted. The period between 12.50 p.m. and 1.40 p.m. is the lunch hour. The afternoon laboratory exercises begin at 1.40 p.m. unless otherwise noted in the description of courses. Regular attendance at lectures, recitations, and laboratory periods is expected throughout each term, beginning with the first day of instruction.

A student who neglects her work in any class, by absence or otherwise, may be warned, and, if this does not result in satisfactory improvement, may receive a failure for the course. A student whose record shows persistent absence or neglect may at any time be dismissed from the College on recommendation of the Petitions Committee.

A student not in attendance on university duties and not a resident of Ithaca must leave town within five days after her university attendance has been officially discontinued.

## EXAMINATIONS

At the close of each term a period is set aside for final examinations. It is expected that students will use the official examination books furnished by the University.

Reexamination for the purpose of changing a grade is not permitted in courses in the Colleges of Agriculture and Home Economics.

## GRADES

Grades in the University are reported to the Registrar on the numerical scale of 0 to 100, 60 being the lowest passing grade.

The grade of *incomplete* (*Inc.*) is assigned if the work of a course is not completed but, in the judgment of the instructor, the student has good reason for the deficiency and has shown evidence that she can complete the work of the course satisfactorily.

To remove the grade (*Inc.*) and receive credit for the course, a student must obtain a permit from the Office 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 grade automatically becomes a failure, and is averaged in the student's record as 50.

If a student's deficiency in a course is merely the result of unavoidable absence from the final examination, the grade *absence* (*Abs.*) may be given. The student should obtain from the Office of Resident Instruction in Roberts Hall a permit for making up the examination.

A student whose work in any course is unsatisfactory is notified. Otherwise students are not automatically informed of grades, and reports are not made to parents. A student who wishes to receive a statement of grades may leave a stamped and self-addressed envelope at the office of the Secretary of the College on or before the last day of the term examinations.

The official record of the student's credits is in the office of the University Registrar, to whom requests for transcripts of record bearing the University Seal must be made.

#### DEFICIENCY IN SCHOLARSHIP

A cumulative average of 70 is required for graduation. A student whose cumulative average is below 70, or whose average for a given term is below 70, is considered as not making satisfactory progress and is notified that her record will be reviewed by the Faculty Committee on Petitions. She may be warned, placed on probation for a term, or she may be asked to leave the University.

If a student feels that there is legitimate reason for the low record and wishes to bring this to the attention of the Faculty Committee, a written statement may be filed at the office of the Secretary of the College.

Probation is regarded as but one step short of exclusion. A student under probation is ineligible to hold or compete for office in student organizations, and must notify the proper authorities of her ineligibility.

#### PROCEDURE FOR WITHDRAWAL, LEAVE OF ABSENCE, OR FOR PERMISSION TO BE ABSENT FROM CLASSES

If a student finds it necessary to withdraw from the University before the end of a term, application should be made at the Office of the Secretary of the College for a leave of absence or an honorable dismissal. Such leave of absence or honorable dismissal is necessary

in order to clear the record of the term, and failure to obtain it may operate against the student's subsequent readmission.

A student desiring permission to leave town for a brief period should apply at the Office of the Secretary *before leaving*. An excuse from any source is merely an explanation of the absence and presupposes that work will be made up.

## REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The requirements for the degree of bachelor of science are: the completion of 120 credit hours of required and elective work during the four years; a cumulative average of at least 70 for the work of the college course; and residence for at least two terms prior to receiving the degree.

The student may, and is advised to, take some courses in other colleges of the University to gain a broad educational background as a basis for effective living. One-fourth of the 120 credit hours are devoted to basic courses in the biological, physical, and social sciences; one-third to courses in home economics; and about one-third to related elective courses in the various colleges of the University. English, Hygiene, and Physical Education are taken by all students.

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 43 to 58.	
 <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.....	<hr/> 120

*Note: Agricultural Engineering 10* may be counted as Physics. Of the 10 hours of credit in *Foods and Nutrition 110* (page 47), 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.

*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 *group 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.

## 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 36.

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 encouraged 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.

Students who enter the College of Home Economics should 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 focus on a chosen 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.

Certain courses, such as Institution Management 100, Textiles and Clothing 220, Family Life 330, Leadership 310 and 320, Homemaking Apartments 300, and Rural Education 136, are scheduled in *blocks*, the work in the course being concentrated into five or seven weeks. A student carrying a "*blocked*" course should bear in mind that she will need to equalize her program in the other weeks when she will not be attending the "*blocked*" course.

A number of courses schedule trips as part of their class work. These are listed on page 58. Students cannot plan for trips during *blocked* courses. They should also note that not more than six university days of absence from town are permitted.

## SPECIAL COURSES OF STUDY

### INSTITUTION MANAGEMENT

The Department of Institution Management offers pre-vocational training for such positions in the field as are outlined on page 27. The background of preparation varies somewhat depending on which interest the student wishes to pursue, whether managerial dietetics in hospitals or other institutions, or commercial food service.

For all students in Institution Management, courses in the following areas are important: orientation in institution food service, organization and administration procedures, the selection, care, preparation, and service of food in quantity, menu-planning, personnel management, accounting and food control, financial management and budgeting, kitchen planning, and the selection and care of institution equipment and furnishings. Courses in foods, nutrition, management, economics, personality development, and human relationships are closely allied to the work of the food administrator or dietitian.

Students whose interest is particularly in the commercial field will find in addition that courses in business administration are helpful. Some skill in typing and stenography is desirable.

### Preparation for Post-Graduate Internship Training in Dietetics

For many positions a post-graduate internship is required. For those who wish to be hospital dietitians a hospital internship of from nine to twelve months is necessary. Certain centers have been approved by the American Dietetics Association to give internships and training. Some provide training in non-hospital administration, some in food-clinic work, and some in hospital dietetics. A list of these centers is given in the *Journal of the American Dietetics Association* for November, 1939. The American Dietetics Association has outlined the following program as prerequisite to admission to approved post-graduate internship training:

<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:	
Physiological		Experimental cookery	
		Meal planning	
Biology.....	6 to 13		
To include:		Nutrition.....	6 to 8
Human physiology and		To include:	
Bacteriology		Diet in disease	
Social Sciences.....	9 to 12	*Institution Management.....	6 to 9
To include:		To include:	
Psychology		Organization and management	
Sociology		Institution buying	
Economics		Institution accounting	
		Quantity cookery	

\*For food-clinic work, a minimum of six hours of institution management is recommended. Field work in the social sciences, practice teaching, and residence in the homemaking apartments are highly desirable.

## VOCATIONAL HOME ECONOMICS TEACHING

Students who wish to prepare for teaching home economics in the secondary schools are asked to consult Professor Binzel, in Stone Hall, regarding opportunities in the field and qualifications of teachers. In admitting students to the courses in Home Economics Education, consideration is given to scholarship, health, personality, and other qualities generally regarded as contributing success to the teaching profession.

To meet the New York State requirement for teachers in secondary schools, candidates for certification must complete 18 hours in Education as follows:

	<i>Hours</i>
Educational Psychology: Rural Education 111, or 112, or Education 1...	3
Principles of Education: Rural Education 181.....	3
Methods, Observations, 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 210)	
Total.....	18

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 desirable that each teacher have a broad view of the entire field. To help achieve this, subject matter in the following fields is suggested, adjustment being made according to individual background and needs:

	<i>Hours</i>
Family Relationships and Child Study.....	8
Part of the work in family relationships may be covered through sociology courses in The Family. Part should be taken in Home Economics. Child study may include work in Child Psychology, and should also include observation of child behavior and guidance in a nursery school, and some participation in work with children through a nursery school, play group, or in homes.	
Health in the Home and Community and Home Nursing.....	2
This should include study of home and community hygiene, first aid and emergencies in the care of the sick at home. A college course is required, rather than a Red Cross course in first aid.	
Household Management and Economics of the Household.....	8
Study in this field should be concerned with management and economic principles as they apply in the home. Consideration should be given to the management of the house with relation to family living. Some experience in practical problems should be included. It is also desirable to develop that phase of managerial ability involved in the inter-relationships in the home and the community.	
Nutrition and Food Preparation.....	10
This should include nutrition for all ages and, in the main, for the	

- healthy person. It should include the science of food preparation, food buying, storage, kitchen planning, family meals, and the food budget.
- Art and Home Furnishing. . . . . 8
- This may include courses in applied art, or art principles, or design and color, or other types of courses which include fundamental principles of art, or various kinds of courses in applied art such as home crafts. The work in furnishing and house planning should emphasize furnishing in relation to family living.
- Clothing and related subjects (design, textiles, construction). . . . . 10
- This should include an understanding of the essentials of personal grooming, care of clothing, the personal wardrobe, clothing for the family, the clothing budget, the construction of clothing, and the design of costume. The textiles study should include textiles used in clothing and home furnishings.

Summer school will offer a valuable means of supplementing the regular college work.

In addition to the above requirements in Education and the suggested subject matter in Home Economics, a student preparing to teach should plan her college program and her experiences during the summers so as to build an 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.

Because of an action taken by the New York State Board of Regents in March 1939, those preparing to teach academic subjects must offer five years of pre-service preparation if they enter service after December 31, 1942. At the present time the State Education Department requires only four years of pre-service preparation of those teaching agriculture or home economics; but it is expected that the majority of teachers in these fields who obtain their preparation at Cornell University will take advantage of the opportunities provided through the five-year program. Those who have five years of approved preparation will be granted a permanent State certificate. Those with only four years of training will be granted a provisional certificate valid for ten years and renewable upon presentation of evidence of having completed an additional year of advanced study.

Information regarding the five-year program may be obtained from the office of the Graduate School of Education, or from Miss Cora Binzel who is in charge of the teacher-education curriculum in Home Economics. Her office is in Stone Hall.

#### THE MERRILL-PALMER SCHOOL

Students may be selected to study during one term of the senior year 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.

Seniors are required to pay a fee of \$12.50 to bind their registration at the University during the period of absence. Students who hold state cash scholarships cannot be granted them during the period of absence but may apply to the Secretary of the College for recommendation that tuition at the Merrill-Palmer School be waived. An out-of-state student pays no tuition at Cornell during the term she is at Merrill-Palmer, but pays \$110 the term she is in residence in Ithaca.

A limited number of graduate assistantships are 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 by April 15. Merrill-Palmer graduate credits may be counted toward the Master's degree at certain affiliated colleges.

#### 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.

#### STUDENT ACTIVITIES

Student activities are a valuable supplement to the course of study. The student is encouraged to take part in them in reasonable proportion to her academic studies, or to her remunerative work, should she be earning part of her expenses.

Many University activities are open to women, and competition or try-out periods are held at various times during the year. For the student interested in music there is the Sage Chapel Choir, the Women's Glee Club, the University Orchestra, and the Women's Instrumental Club. The Cornell Dramatic Club, and Kermis, the dramatic club on the Agricultural Campus, offer opportunities to work on costumes, make-up, and properties, as well as acting. The *Cornell Countryman*, the *Cornell Daily Sun*, the *Widow*, and the *Areopagus* are literary publications that give experience in business management, art, and

writing. The Women's Debate Club is open to those interested in public speaking.

The Cornell United Religious Work offers community service as one of its many activities, groups of students working at the Settlement Houses, the Reconstruction Home, and the Children's Home in Ithaca.

The Women's Athletic Association promotes good sportsmanship and physical well-being. Students interested in team games find many openings here.

Willard Straight Hall, the student union, has a social and recreational program, with teas, dances, concerts, reading room, art exhibitions, and many other activities. Students serve on the various committees of the Hall.

Mortar Board and Phi Kappa Phi are honor societies to which students of outstanding ability are elected. Omicron Nu is an honor society in the College of Home Economics. Pi Lambda Theta is an honor society for students interested in Education.

Some activities are maintained only in the College of Home Economics. The Home Economics Club carries on a social program of teas and dances and is the coordinator of the various activities of the College of Home Economics. Its committees deal with the operation of the student salesroom, where girls sell products of their own making; the student kitchen, where girls may prepare their lunches or make products for sale; the recreation room and the student lounges; the *Home Economics News*, which is published once a month; the scholarship, which is maintained by the Club and awarded by a committee of the Club working with the Faculty Committee on Scholarships; the student guide service, which works with the publications and information offices as hostesses and as guides in the building. Membership in the Home Economics Club is open to all students in the College.

A college chorus and orchestra are maintained in coöperation with the Department of Music. All students are eligible to apply for membership.

## DESCRIPTION OF COURSES

Courses in Home Economics are numbered as follows:

**Courses below 300:** primarily for undergraduates.

**Courses in the 100 group:** courses without prerequisite.

**Courses in the 200 group:** courses having prerequisite; open to members of all classes as soon as the preliminary work has been taken.

**Courses in the 300 group:** primarily for seniors and graduates.

**Courses in the 400 group:** for graduates.

The parenthesis gives the old number for each course.

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

### ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

130. (130.) **Economic Conditions in Relation to the Welfare of Families.** First or second term. Credit three hours. T Th 11-12.30. Room 121. Professor CANON.

A course to help students understand the changes that have taken place in the economic welfare of families in this country, and some of the factors related to these changes. 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.

160. (160.) **Marketing Problems from the Consumer's Viewpoint.** First or second term. Credit three hours. M W 11, F 11-1. Room 121. Assistant Professor HOTCHKISS.

Marketing practices and problems as they are connected with the economic welfare of families and with management in homes. The various services performed in moving goods from the places where they are produced to the places where they are used, and the costs of these services. Variety of supplies available. Problems in standardization of goods. Buying practices of consumers. The part that can be played by the government, business associations, private agencies, and consumers in improving marketing practices, and action that has been taken by these groups. Visits to several marketing agencies. Fee, \$5.

300. (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.

310. (112.) **Management in Relation to Family Living.** First or second term. Credit three hours. For juniors, seniors, and graduate students. M 2, W F 2-4.20. Room G 19. Assistant Professor CUSHMAN and Miss ROCHOW.

For students who wish help in understanding the process of management and opportunity for study and practice of this process. Experience in recognizing and analyzing the students' own problems. Meetings in homes, schools, and community centers to see how certain families and groups of people manage differently to achieve their individual purposes. Coöperation with interested families and other groups in the study of tasks. Development of trial work centers set up with portable equipment to help to determine the most satisfactory way of performing these tasks in each individual case. Practice in the selection and use of source material in management. One all-day tour, time to be arranged. Fee, \$12, including transportation for trips.

320. (120.) **Management Aspects of Household Equipment.** Second term. Credit three hours. Prerequisites, Agricultural Engineering 10 or the equivalent, and Economics of the Household 310. Primarily for seniors and graduate students. M W F 9-11. Room G19-A. Miss KNOWLES.

Variations in the types and quality of household equipment in relation to indi-

vidual situations, and the management involved in selection, care, use, and repair. Discussion with homemakers, manufacturers, distributors, engineers, and other specialists. Trips to Ithaca homes where certain equipment is being used, to commercial agencies where various equipment will be demonstrated, and to factories. Fee for the course, including transportation for trips, \$10.

330. (145.) **Management in Relation to Personal Finances.** First or second term. Credit three hours. Primarily for seniors. T Th 2-4. Room 121. Professor CANON and Miss BARBER.

The relation between financial management and other management problems; factors influencing one's real income; efforts that 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; financial records and statements helpful in management. Fee, \$2.50.

400. (212.) **Review of Research in Management.** First term. Credit two hours. For advanced students in home management. Prerequisite or parallel, Economics of the Household 310. Consult the instructor before registering. F 9-11. Room G 19-A. Assistant Professor CUSHMAN.

Examination of the literature. Evaluation of results and methods of research in this field. Discussions with investigators in various phases of management. Individual work on special problems. Fee, \$2.

410. (250.) **Economic Problems of Families.** Second term. Credit two hours. Consult the instructor before registering. F 9-11. Room 108. Professor CANON. Analysis of a few outstanding contributions to economic thought related to this field. Examination of methods of research. Fee, \$1.

420. (290.) **Seminar.** First and second terms. T 4.30-6. For graduate students. Room 114. Department staff.

## FAMILY LIFE

100. (100.) **The Home and Family Life.** Orientation. First or second term. Credit two hours. Lectures and discussions, T Th 9 or W F 8. Room 3M13. One hour of observation weekly in the Nursery School with occasional substitution of an hour in the Homemaking Apartments, or in homes where there are small children. Each student's program should permit some observations at 9 or 10, and 11 and 2. Observation schedule to be arranged after the first lecture period. Professor FOWLER, Assistant Professor REEVES, Misses WOODRUFF and ARMSTRONG.

Factors inherent in home living, and their influence upon all members of the family, especially the children. The home and its furnishings, food selection and service, clothing selection and use, the family income and schedule of activities, the relationships among the family members. Concrete material for illustration and discussion is provided by the consideration of the students' childhood histories, together with observations of children in their homes and in the Nursery School. Fee, \$5.

110. (125.) **Health of the Family.** First or second term. Credit two hours. Designed for freshmen and sophomores. T Th 11. Room 339. Dr. BULL.

A brief survey of some of the factors that make for healthy living for the individual family. Consideration is given to: fitness for marriage and parenthood; factors in growth, development, and maintenance of health of the young child and the adolescent; various deficiency conditions and infections against which the family need safe-guarding. Fee, \$3.

120. (126.) **Child Care and Home Nursing.** First or second term. Credit three hours. Discussions on child care, M W 2. Room 339. Home nursing laboratory, M or W 3-5, or F 2-4. Room NB30. Mrs. PEABODY.

A course concerned with the care of the expectant mother to promote health of mother and baby; day by day care of the baby and the child in the home to insure health; care of illnesses and accidents often dealt with in the average home; convalescence. Fee, \$3.

[130. (120.) **Experience with Children.** First or second term. Credit two hours. For selected freshmen and sophomores. Professor FOWLER, Assistant Professor REEVES, and Miss ARMSTRONG.] Not given in 1940-41.

140. (107.) **Creative Materials in Child Development.** First or second term. Credit three hours. Lecture and discussion, M W 8, Room 124; laboratory, T 2-4, F 8-10 or 2-4. Room B10. 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. Professor FOWLER, Assistant Professor REEVES, and Misses WOODRUFF and —.

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

[150. (108.) **Children's Literature.** Second term. Credit one hour. Lecture and discussion, M 2. Room 121. Assistant Professor REEVES.

The appreciation of children's literature. Reading aloud, discussion, and experience in writing and telling stories. Fee, \$3.] Not given in 1940-41.

210. (101.) **Principles of Child 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.

Each student makes a detailed study of an individual child in the Nursery School. Aspects of behavior—routine and creative, individual and social—are observed as they are related in a total pattern of personality, and guidance is studied as it influences the growing self.

The observation of children is made the basis for the student's understanding of the less obvious and less simple behavior of themselves and other adults. Fee, \$5.

220. (114.) **Family Relationships and Personality Development.** First term. Credit three hours. Prerequisite or parallel, a beginning course in Biology, Sociology, and Psychology. M W F 9 or 11. Room 124. Professor ROCKWOOD.

A course dealing with the relationships of members of the family as these are influenced by biological and cultural factors and by the immediate family experience. Fee, \$5.

300. (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.

[310. (111.) **Woman and the Family.** Second term. Credit two hours. Open to juniors and seniors.] Not given in 1940-41.

320. (223.) **Marriage.** Second term. Credit three hours. Open to juniors and seniors by permission of the instructor. M W F 9 and 10. Room 339. Professor ROCKWOOD.

This course considers social and economic changes which today are influencing the relations of men and women before and after marriage; courtship and engagement; choice of a mate; marriage adjustment; and adjustment to parenthood. Fee, \$5.

330 a, b, c. (220 a, b.) **Participation in the Nursery School.** First or second term. Credit three or four hours. Open to a limited number of seniors and graduate students with adequate personal and professional qualifications. Prerequisite, Family Life 210, and Family Life 140 strongly advised. Experience in the college nursery school, and the federal and settlement schools. 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 or seven weeks or taken throughout

the term. One hour of conference each week throughout the term. Professor FOWLER, Assistant Professor REEVES, and Miss ARMSTRONG.

a. **Participation in the Junior Groups.** Credit three or four hours. Laboratory hours to be arranged. Conference, M 3. Room 301. Fee, \$7.50.

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

c. **Participation in Federal Nursery Schools and Settlement Houses.** Credit three or four hours. Weekly conference and laboratory, hours to be arranged. Fee \$7.50.

[340. (205.) **Principles of Child Guidance, Advanced Course.** Second term. Credit three hours. Prerequisite, Family Life 210. 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.

Observations of the behavior and guidance of young children, and analysis of narrative records for trends in the personality which indicate the conditions under which guidance may be effective. Fee, \$5.] Given in alternate years. Not offered in 1940-41.

350. (228.) **Seminar—Child Guidance.** See *Rural Education* 228. Second term. Credit two hours. Prerequisite, some work in Family Life. F 4-6. Room G 58. Professor WARING. (Given in alternate years. Offered in 1940-41.)

400. (200.) **The Home and Family Life.** Second term. Credit three hours. Open to graduate students with adequate training in Family Life. Attendance at lectures and discussions of Family Life 100. T Th S 9. Professor FOWLER and Miss WOODRUFF.

A course planned to give advanced students some experience 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.

405. **Elementary Methods and Technics of Research in Child Development and Family Life.** First term. Credit two hours. Open to graduate students by permission of the instructor. Hours to be arranged. Inquire Room G29. Miss FORD.

Orientation in the sources of research material in Child Development and Family Life. Readings in current literature. Survey of experimental methods with particular attention to the conditions underlying the effective use of each method. Consideration of elementary statistical technics in terms of use and interpretations. Fee, \$3.

410. (201.) **Principles of Child Guidance.** First or second term. Credit three hours. Open to qualified graduate students. Lecture and discussion, M W F 8. Room 121. Observation in the Nursery School. Professor WARING.

Application of psychology to the understanding of the behavior of young children and to the working out of principles of guidance. Each student makes a detailed study of an individual child in the Nursery School. Fee, \$5.

420. (214.) **Family Relationships and Personality Development.** First term. Credit three hours. Graduate section of Family Life 220. T 2-4 and Th 2. Room 124. Professor ROCKWOOD.

A course dealing with the relationships of members of the family as these are influenced by biological and cultural factors and by the immediate family experience. Fee, \$5.

430. (215.) **Research in Family Life.** First and second term. For graduate students who are actively engaged in research or in special studies in Family Life. Credits will vary according to the nature of the problem. Professors WARING and ROCKWOOD, and Miss FORD.

[440. (221.) **Seminar—The Family.** Throughout the year. Credit two hours.] Not given in 1940-41.

#### FOODS AND NUTRITION

100. (1.) **Food Preparation in Relation to Meal Planning.** First or second term. Credit three hours. Limited to eighteen in a section. Lecture, Th 9. Room 339.

Laboratory: first term, T Th 2-4:30; second term, M W 11-1.30 or 2-4.30. Room 361. Mrs. JANSSEN.

A beginning course in food preparation and buying in relation to meal planning and service. Fee, \$18.

110. (2.) **Science Related to Food Preparation.** Throughout the year. Credit five hours a term (four hours, Foods; six hours, Chemistry.) (See also course 210.) Lectures: first term, M W F 9; second term, M W F 10. Amphitheatre. Laboratory, first term: M W 2-4; T Th 9-11 or 2-4. Two sections each period. Laboratory, 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, Mrs. BOICOURT, and Miss BRIANT.

Fundamental principles and practices of food preparation approached through the study of inorganic and organic chemistry. The influence of kind and proportion of ingredients and of methods of manipulation and cookery on the flavor and texture of such foods as baked products, eggs, meats, vegetables, and sugar mixtures.

Laboratory practice in chemistry and comparative cookery includes experiments using simple chemical technics and basic cookery processes. Emphasis on the application of scientific principles to the interpretation of observed results. The course serves as a prerequisite for Chemistry 201, 210, and for Biology 314 and 314a.

As a result of the course students should recognize quality in cooked foods and the factors that contribute to this quality. They should attain skill in specific cookery technics, and should be able to apply this knowledge and skill critically in food preparation. Fee, \$18 a term.

120. (11.) **Food Preparation.** First or second term. Credit three hours. Required of students registered in hotel administration. Mrs. MEEK, Mrs. SAYLES, and Mrs. KENDRICK. (For description, see *Announcement of the Course in Hotel Administration*.)

130. (121.) **Food Selection: Nutrition and Dietetics.** First or second term. Credit three hours. Lectures, discussions, and laboratory. Section 1 and 2 for sophomores and upperclassmen, M F 10, W 10-12; M F 2 (first term), M F 3 (second term), W 2-4; section 3 for freshmen, M F 9, W 8-10. Room 426. Assistant Professor BRUCHER.

A course similar in scope to course 230, but adapted for students who have had less science preparation. Fee, \$6.

190. **Nutrition and Health.** Second term. Credit one hour. Open to students from all colleges. Lecture ———. Room —. Professors ASDELL, BRADFIELD, HAUCK, MAYNARD, McCAY, MONSCH, and NORRIS.

A course to give a broad view of recent developments in the field of nutrition and of the effects of dietary choices upon health. Illustrations will be drawn from experimental work done with soils and plants, lower animals and human beings. Fee, \$1.

200. (111.) **Meal Planning and Preparation.** First or second term. Credit three hours. Prerequisite Foods 110 or 210 and some work in nutrition. Limited to twenty students in a section. Lecture, T 10. Room 339. Practice, first term: M W or T Th 11-1.30; second term: T Th 11-1.30. Rooms 361 and 343. Assistant Professor FENTON and Mrs. JANSSEN.

An advanced course in which consideration is given to problems involved in the purchase of food and the planning, preparation, and serving of meals. Emphasis on organization, management of time, money, and energy. Trips to Onondaga Pottery Company, Oneida Silver Company, and Corning Glass Works. Approximate cost of trips, \$2. Fee, \$18.

210. (9, 9a.) **Food Preparation: Principles and Comparative Methods.** First term. Credit four or five hours. Prerequisite, General Chemistry. *Not to be elected by students who have had Foods and Nutrition 110.* Lectures, M W 9. Room 339. Laboratory, M W 2-4.20. Room 361. Students who have had Organic Chemistry may register for five-hours credit. This group will meet for a third lecture period F 9. Room 339. Assistant Professor FENTON.

A study of the principles of food preparation and the application of science, particularly chemistry, to the solution of cookery problems such as color, flavor, texture, and nutritive changes in handling and cooking vegetables; heat penetration and hydrogen ion in canning; theory of jelly making; crystallization in candies and ice creams; relation of manipulation of doughs and reaction time of baking powders to quality of cakes and muffins. The literature is reviewed and typical comparative experiments are made. Fee, \$18.

220. (12.) **Food Preparation, Advanced Course.** First or second term. Credit three hours. Required of students registering in hotel administration. Prerequisite, Foods and Nutrition 120 or the equivalent. Assistant Professor BOYS. (For description, see *Announcement of the Course in Hotel Administration.*)

230. (122.) **Food Selection: Nutrition and Dietetics.** Second term. Credit five hours. Prerequisite, Foods and Nutrition 110 or 210, Biology 303 (Physiology), and Biochemistry 314. (*In general, not to be elected by students who have had course 130.* Adjustment may be made in special instances through conference with the instructor.) Discussion: M W Th F 2. Rooms 426 and 3M13. Laboratory, T 2-4. Room 426. Professor HAUCK.

Significance of food selection in achieving and maintaining health, with emphasis on the nutrition of normal adults.

The function of various food constituents such as proteins, minerals, and vitamins. Application of the principles of nutrition to needs of normal individuals, with modifications necessary for such problems as overweight, underweight, and constipation. During and as a result of this course the student is expected to establish and maintain good nutrition practices. Fee, \$9.

240. (109.) **Food Preparation, Advanced Course.** First or second term. Credit three hours. Prerequisite, Foods and Nutrition 100, 110, or 210. Lecture M 10. Room 3M13. Practice, first term: M W 2-4.20; second term: M W or T Th 2-4.20. Room 352. Assistant Professor BOYS and Mrs. JANSSEN.

A course emphasizing special dishes such as canapés, entrées, salads, and pastries and other desserts for specific purposes and occasions. Study and preparation of some of the unusual foods and food products. The course assumes a knowledge of the underlying principles of food preparation, and ease in manipulating food materials. Fee, \$18.

300. (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.

305. **Food Demonstrations.** Second term. Credit one hour. Limited to eight students. Registration with permission of the instructor. F 8-10.30. Room 361. Mrs. JANSSEN.

A course emphasizing the purposes and technics of demonstrations in relation to food preparation and nutrition, with application to teaching, extension, business, and social service. Fee, \$10.

310. (102a.) **Science Related to Foods.** Throughout the year. Credit for lectures two hours a term. (Laboratory by recommendation of the department; credit one to three hours a term.) An adaptation of the material of Foods and Nutrition 110 for graduate students and certain students with advanced standing from other institutions. Attendance at Foods and Nutrition 110 lectures required. One additional hour and laboratory to be arranged. Professor PFUND and Assistant Professor PERSONIUS.

A study of the scientific principles necessary to the understanding of modern theory and practice in the field of food preparation, and the application of these principles to the analysis and interpretation of cookery practices. Fee, \$2 for lectures, \$5 for each laboratory credit hour.

320. (102b.) **Experimental Cookery.** First term. Credit three hours. Prerequisites, Foods 110 or 210, and 100, 200 or 240 or the equivalent. Approval of the instructor must be obtained before registering. Lecture F 10. Room 343. Laboratory M W 10-12.30. Room 356. Assistant Professor PERSONIUS.

Independent laboratory work in the solving of practical problems in food



preparation. Study of methods and technics used in experimental work in foods. Judging of food products. Written reports organizing and critically analyzing experimental results are required. Fee, \$10 or more depending upon the nature of the problem.

330. (124.) **Diet Therapy.** First term. Credit two hours. Advised for those specializing in hospital dietetics. Primarily for seniors. Prerequisite Foods and Nutrition 230, or 130 and 110 or 210, Biology 303 (Physiology), and Biochemistry 314. Lecture, discussion, and laboratory, T 11; Th 11-1. Room 426. Professor HAUCK.

A study of diet in those diseases in the treatment of which choice of food is important. Fee, \$6.

340. (131.) **Family Nutrition, with Special Emphasis on Child Feeding.** First or second term. Primarily for seniors or graduate students. Credit for lectures, 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 130 or 230. Lecture and discussion, T 2-4. Room 339.

Laboratories: **infant feeding**, limited to sixteen students Th 2-4.20, Room 426; **feeding of pre-school children**, limited to six students in each section, W or Th 10-12, Room 301; **feeding of school children**, limited to ten students, F 2-4.20, Room 301. Professor MONSCH and Mrs. WATSON.

A study of family nutrition, with special emphasis upon the nutritional needs of the child. Relation of nutrition to physical growth and development. Experience in actual family situations, through private homes, the well-baby clinic, the Nursery School, and the public schools. Fee, \$7 for each laboratory credit hour; \$1 for lecture.

400. (222.) **Advanced Nutrition.** Second term. Credit two hours. Registration by permission of the instructor. Discussion, T Th 11. Room 301. Professor HAUCK.

This course emphasizes the experimental data on which the principles of human nutrition are based, and a critical review of current literature in this field. Fee, \$1.

410. (250.) **Research in Foods and Nutrition.** First or second term. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professors MONSCH, MAYNARD, MCCAY, PFUND, and HAUCK, Assistant Professors FENTON and PERSONIUS; and Dr. HATHAWAY.

Individual research in foods, human nutrition, and animal nutrition. Fee, from \$5 to \$25.

420. (255.) **Seminar in Foods and Nutrition.** Throughout the year. Credit one hour each term. Emphasis on foods. Required of graduate students specializing in Foods and Nutrition. Hours to be arranged. Room 301. Professors PFUND and HAUCK and Assistant Professor FENTON. Fee, \$1.

*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 the announcement of courses of that college); 110, **Animal Nutrition**; 111, **Animal Nutrition, Laboratory Course**; 215, **Advanced Nutrition**; 219, **Animal Nutrition Seminar**.

## HOUSEHOLD ART

100. (1.) **Color and Design.** First or second term. Credit two hours. Limited to twenty-four students in a section. T Th 8-10 (first term only); T Th 2-4; W F 11-1. Room 327. Miss TRUE.

A study of the basic principles of color and design through laboratory experiment in these two fields, using paint, ink, pencil, charcoal. Lectures, reading, and art-gallery observation.

Through the study of these art principles the student has opportunity to become increasingly sensitive to the visual world, to grow in enjoyment of it, and in awareness of the practical uses of art principles in everyday life. Estimated cost of materials, \$4. Fee, \$7.50.

110. (16a.) **Handicrafts Studio.** First or second term. Credit one to three hours.

*The total credits taken in this and course 210 together should not exceed four hours. Three hours each week in the studio through the semester are required for each hour of credit. T 8 or Th 12; other hours to be arranged. Room 318. Assistant Professor ERWAY.*

Experience in studying and working with monotypes, block printing, leather-craft, dyeing, weaving, modeling, stitchery, carving, glass etching. Through this course students are expected to become aware of their own creative possibilities, and to acquire confidence in the use of craft materials. Cost of materials variable, minimum \$2. Fee, \$3.75 for each credit hour.

120. (31.) **Home Furnishing.** First or second term. Credit three hours. Limited to twelve students in each section. Lecture-demonstration M 3 for all sections. Laboratory: section 1, T Th 11-1; section 2, T Th 2-4; section 3, W F 2-4 (second term only). Room 408. Miss HUPP.

An orientation to the problems and possibilities involved in choice and satisfactory use of furnishings. Study of specific furnishing problems in actual homes presented through lecture-demonstrations, home visits, and laboratory. Students are expected to gain from this course an understanding of the fundamental considerations involved in furnishing a house for the pleasure and comfort of the family. Fee, \$10.

130. (35.) **Hotel Furnishing and Decorating.** Second term. Credit two hours. For students in hotel administration. Advised for juniors. Miss PARK. (For description, see *Announcement of the Course in Hotel Administration.*)

140. (25.) **House Planning.** First or second term. Credit three hours. T Th 2-4; and one laboratory to be arranged. Room 3M14. Professor MORIN.

Study of the arrangement and design of the house from the point of view of family living. Laboratory, group discussions, visits to local houses completed or under construction. Reference readings and individual conferences. Through this course the student should gain a view of the problems involved in house planning for family living, should know the sources of information and how to use them. Fee, \$10.

150. **Housing from the Standpoint of Home Economics.** Second term. Credit two hours. T Th 8-10. Discussions, laboratories, and field trips. Individual conferences to be arranged. Room 3M14. Professor MORIN.

A survey of the factors in present-day housing with which the individual is vitally concerned as homemaker, community member, or home-economics worker. A study of some of the problems involved in achieving adequate housing, and discussion of the contribution that home economics should be making toward the solution of these problems in cooperation with other agencies concerned; vocational opportunities for the home-economics graduate in the field of housing. Fee, \$7.50.

160 a, b, c, d. (10 a, b, c, d.) **Appreciation of Everyday Art.** Credit one hour for each unit. Units may be taken in any order. Room 317. Household Art Staff.

A general lecture course in appreciation of the beauty to be found in everyday surroundings in the home and community and in artists' and craftsmen's products. Fee, \$3.75 per unit.

160a. (10a.) **Painting and Allied Subjects.** First term. T 10. Miss TRUE.

A study of what to look for in a work of art. Special reference to painting, the graphic arts, book illustration, advertising, commercial and industrial design, and community art activities.

160b. (10b.) **Domestic Architecture.** First term. Th 10. Professor MORIN.

A general survey of domestic architecture in America from its beginning to the present time.

160c. (10c.) **Interior Decoration.** Second term. Th 10. Miss———.

A study of the furnishings and decoration of some of the interesting houses in this country.

160d. (10d.) **Crafts.** Second term. T 10. Assistant Professor ERWAY.

How crafts began, the art principles involved in craft work, our modern uses of crafts in leisure occupations, hobbies, and therapeutics.

200. (11.) **Studio Course in Advanced Color and Design.** Second term. Credit two hours. Prerequisite, Household Art 100. Limited to fifteen students a section. T Th 8-10 or 10-12. Room 327. Miss TRUE.

A continuation of Household Art 100 with further study in the field of color, organic form, and composition. Laboratory, gallery talks, and outside reading. Individual problems as soon as the student's development permits. Estimated cost of materials, \$2. Fee, \$7.50.

210. (16b, c, d.) **Handicrafts Studio.** First or second term. Credit one to three hours. Advisable to take two credit hours if possible. *The total credits taken in this and course 110 together should not exceed four hours.* Three hours of work each week in the studio are required for each hour of credit. Students should schedule one hour M 12 or W 8; the other hours to be arranged. Room 318. Assistant Professor ERWAY.

A continuation of the experiences offered in course 110. Cost of materials variable, minimum \$2. Fee, \$3.75 for each credit hour.

220. (32a.) **Home Furnishing.** First or second term. Credit three hours. Prerequisite, Household Art 120 or consent of the instructor. Lecture-demonstrations and laboratory, M W F 11-1. Room 408. Miss HUPP.

A continuation of Household Art 120. Individual experiments in furnishing problems of the small- and medium-sized home. Emphasis on the use of color in home furnishing and decorating; application of design to interior architecture and furniture; selection and use of accessories; arrangement of rooms from both the practical and decorative viewpoints. Fee, \$11.25 (includes cost of transportation for short trips in this course).

300. (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.

320. (32b.) **Home-Furnishing Problems.** First term. Credit two hours. Registration on permission of the instructor. W 9-11 and two additional hours to be arranged. Room 408. Miss HUPP.

Study of the principles involved in the selection, buying, and use of furniture, textiles, and other furnishings for homes and public rooms. Consideration is given to: rooms or buildings to be furnished, persons concerned, budget, original and ultimate plan for furnishings. Students work individually and in groups to organize plans and to complete the furnishing problems involved. Fee, \$7.50.

## INSTITUTION MANAGEMENT

100. (100.) **Institution Food Service.** First or second term. Credit two hours. May be elected by a limited number of freshmen on the recommendation of the faculty adviser. Required of students majoring in institution management. The term is divided into two blocks with two sections of fourteen students each.

First term: first block, September 26 through and including November 20 *for upperclassmen*; second block, November 25 through and including January 25 *for freshmen*. Second term: first block, February 17 through and including April 12 *for freshmen*; second block, April 14 through and including May 31 *for upperclassmen*.

Lecture, M 2 for the duration of the block. Room G62. Practice, section 1, M W F 11.10-1.30; section 2, T Th S 11.10-1.30. Cafeteria or Green Room. In addition each section will have two catering projects by arrangement. Assistant Professor BURGOIN and Miss HILL.

An orientation course in institution food service. Practical experience in serving and meeting the public is provided in the Home-Economics tea room and cafeteria where approximately 1000 persons are served daily. Visits to other food establishments in Ithaca constitute a regular part of the course. Study of physical set up, mechanics of service, and efficiency of personnel involved in cafeteria and tea-room service. Fee, \$5.

200. (105.) **Quantity Food Preparation, Elementary Course for Hotel Students.** First or second term. Credit two hours. For students in hotel manage-

ment who do not have a major interest in food work. Prerequisite, Foods and Nutrition 220 or equivalent experience. Mrs. LEAHY and \_\_\_\_\_. (For description, see *Announcement of the Course in Hotel Administration.*)

210. (115.) **Quantity Food Preparation: Principles and Methods.** First or second term. Credit four hours. For students in hotel administration. Prerequisite, Foods and Nutrition 220, or equivalent experience. Assistant Professor BURGOIN and Mrs. LEAHY. (For description, see *Announcement of the Course in Hotel Administration.*)

220. (111.) **Food Selection and Purchase for the Institution.** First or second term. Credit three hours. Preferably taken in the junior year. Advised for all students specializing in institution management or dietetics; others may be admitted by permission of the instructor. Should parallel Institution Management 230. Economics of the Household 160 and Animal Husbandry 92 are suggested to precede or parallel this course. Lectures and discussions, T 9, Th 9-11. Room G62. Professor HARRIS and Assistant Professor BURGOIN.

A discussion of sources, grading, standardization, bases of selection, methods of purchase and storage of various classes of food. A two-day trip to Rochester or Buffalo markets is included. Probable dates of trips; October 18 and 19, April 25 and 26 inclusive. Fee for materials and trip expenses (not including meals or lodgings), \$6.

230. (112.) **Quantity Food Preparation: Principles and Methods.** First or second term. Credit five hours. Should be taken in the junior year. Advised for all students specializing in institution management; others by permission of the instructor. Prerequisite, Institution Management 100, Foods and Nutrition 110 or 210. Prerequisite or parallel, Institution Management 220. Discussion, M 9. Room G62. Practice W F 8-1.30. Room G62 and Cafeteria. Miss HILL.

A major course in institution management, with emphasis given to quantity cooking in the cafeteria kitchen; observation of management and personnel problems; use, operation, and maintenance of equipment. The student is expected to apply what has been taught in prerequisite or parallel courses, including basic principles and procedures of food preparation, food chemistry, marketing, and nutrition. Student ability for professional work in food administration is evaluated. Fee, \$12.

240. (85.) **Tea Room and Cafeteria Accounting.** First or second term. Credit three hours. Recommended for the junior year in connection with course 220. Lecture, T 8. Room 3M13. Practice, W F 2-4.20. First term, Room 3M11; second term, West Bailey. Assistant Professor COURTNEY and assistants.

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.

250. **The School Lunch.** First term. Credit two hours. Primarily for students preparing to teach. Seniors are given preference but juniors may be scheduled if laboratory space permits. Prerequisite, a course in Nutrition. Professor HARRIS.

Lecture and discussion, Th 12. Room G62. Laboratories: Unit I, school-lunch participation, T 10-12.30; Unit II, quantity cookery, S 9-11.30, cafeteria kitchen; Unit III, special party assignments and individual conference hours.

Emphasis is given to developing understanding of the functioning of the school lunch and the philosophy underlying it, together with a study of those organizational and management procedures which will best support that philosophy. Laboratories give experience in quantity food production and service and provide an opportunity for participation in a school-lunch-room activity. Fee, \$4.

300. (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.

310. (101.) **Institution Organization and Administration, Elementary Course.** First term. Credit three hours. This course, with Institution Management 320,

forms a year's sequence. Advised for all students specializing in institution management or dietetics. Should be taken in the senior year. Prerequisite, Institution Management 100 and 240. Prerequisite or parallel, Institution Management 230 and Foods and Nutrition 130 or 230. Lectures and discussion, M 2-4, S 9. Room 121. Miss ROBERTS.

A study of food administration in various classes and types of institutions where large groups of people are fed. Special emphasis on interpretation and analysis of financial reports, office procedures and record keeping, menu planning, and menus. The student should gain an over-all view of the food administrator's job and develop facility in the performance of some specific administrative functions.

320. (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 dietetics. Prerequisite, Institution Management 310. Hygiene 5, Family Life 220, and Textiles and Clothing 310 are suggested. Lectures and discussions, M 11-1, Th 3. Room 124. Professor HARRIS.

Analysis and interpretation of major administrative problems such as: physical plan of organization, policies underlying the plan, personnel relationships, job analyses, scheduling employees, planning of efficient kitchens, and selection of equipment. A two-day trip to Syracuse or Rochester to visit various types of institutions is a part of this course. Probable dates of trip, April 18 and 19 inclusive. Fee for materials and trip expenses (not including meals or lodging), \$6.

330. (113.) **Quantity Food Preparation and Catering, Advanced Course.** First or second term. Credit four 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 by appointment. Special catering assignments require 45 to 50 hours in addition to scheduled laboratory. First term, discussion F 11, laboratory T or W 9-1.30; second term, discussion M 10, laboratory T 9-1.30 for students in hotel administration, Th 9-1.30 for students in institution management, an additional section may be arranged for either group of students, if there is a need for it, W 9-1.30. (Any of the above laboratories may be scheduled 10-2.30 instead of 9-1.30, for a limited number of students.) Green Room. Miss ROBERTS.

Practice in 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 and banquets or other catering projects as assigned. Fee, \$8.

340. (87.) **Restaurant Cost and Sales Analysis.** Second term. Credit two hours. Prerequisite, Institution Management 230. Lecture, T 8. Room G62. Practice, F 11-1. Room 124. Mr. CLADEL and assistants.

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 used in establishments of varying size. Fee, \$3.

400. (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 BURGON.

Individual research in the area in which the student is particularly interested. Food-control procedure, job analyses, and specifications, experimentation and development of standardized procedures in food preparation and merchandising as applied to quantity production, determination of factors underlying operation and maintenance costs are suggestive of the fields in which there is vital need for research. Fee determined by the problem.

410. (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.

## TEXTILES AND CLOTHING

100. (1.) **Introduction to Clothing Selection and Construction.** First or second term. Credit two hours. Each section limited to twenty students. Assistant Professors SCOTT, HUMPHREY, and BUTT.

*First term:*

M W	8-10	Mrs. BUTT	Room 217
M W	11-1	Mrs. BUTT	Room 213 (limited to 14 students)
M W	11-1	Miss HUMPHREY	Room 215
M W	2-4	Miss HUMPHREY	Room 215
T Th	2-4	Miss SCOTT	Room 217

*Second term:*

T Th	2-4	Miss HUMPHREY	Room 215
W F	11-1	Mrs. BUTT	Room 215

Study of dress selection for the individual. A course concerned with the selection of colors, lines, textures, and designs suitable for each student, and with the construction of one garment, the color and design of which is planned early in the term. Construction processes necessary for making a garment, using a commercial pattern.

Dress materials provided by the student. Estimated cost of materials \$10 to \$20. Fee, \$5.

110. (5.) **Clothing Construction.** First or second term. Credit three hours. Suggested for sophomores. Each section limited to twenty students. Assistant Professors SCOTT, HUMPHREY, and BUTT.

*First term:*

M W F	11-1	Miss SCOTT	Room 217
T Th	8-11	Miss HUMPHREY	Room 217

*Second term:*

M W F	8-10	Mrs. BUTT	Room 217
M W F	8-10	Miss HUMPHREY	Room 215
M W F	10-12	Miss SCOTT	Room 217

A course to provide opportunity to develop greater independence, proficiency, and judgment in clothing selection and construction. Students make two or three garments after conference with the instructor to determine the type of experience needed.

Materials provided by the student. Estimated cost of materials \$15 to \$25. Fee, \$5.

120. **Grooming and Personal Appearance.** Second term. Credit one hour. Consult instructor before registering. M T or Th 2-4. Room 213. Assistant Professor BUTT.

For students interested in the factors that contribute to a satisfactory appearance. Study, evaluation, and practical application of subject matter in the field of grooming and care of wearing apparel. Fee, \$5.

130. **Textiles: Clothing Fabrics.** First or second term. Credit two hours. Suggested for second term freshmen, and sophomores. Each section limited to eighteen students. Assistant Professors SCOTT, BUTT, and HUMPHREY and Miss THARP.

*First term:*

M W	2-4	Miss THARP	Room 278
W F	2-4	Mrs. BUTT	Room 213

*Second term:*

T Th	2-4	Miss SCOTT	Room 217
W F	11-1	Miss HUMPHREY	Room 213

The identification and use of clothing fabrics. Economic and aesthetic values,

fiber content, construction, and finish in relation to quality for intended use and cost. Estimated cost of materials, \$5. Fee, \$5.

140. (51.) **Hotel Textiles.** First term. Credit two hours. For sophomore, junior, and senior students in the department of Hotel Administration. Professor BLACKMORE. (For description, see *Announcement of Course in Hotel Administration.*)

200. (15 a, b, c.) **Fitting and Pattern Making: Flat-Pattern Work: Modeling.** First or second term. Credit three hours. Prerequisites, Textiles and Clothing 100 and 110 or the equivalent. Prerequisite or parallel, Household Art 100. Each section limited to twenty students. Rooms 215 and 217. Assistant Professors SCOTT, HUMPHREY, and FULLER.

*First term:*

M W	2-4.45	Miss SCOTT	Room 217
T Th	8-11	Mrs. FULLER	Room 215
T Th	2-4.45	Miss HUMPHREY	Room 215

*Second term:*

T Th	8-11	Miss SCOTT	Room 217
T Th	8-11	Miss HUMPHREY	Room 215

A course offering varied experiences in approaching the problems of methods and technics of fitting, flat-pattern making, and modeling. Laboratory work in preparation of a dress form and of a foundation pattern.

The methods of using a foundation pattern to adapt commercial patterns to individual figures. The development of basic types of skirt, waist, and sleeve patterns and the testing of patterns in inexpensive materials. Use of the dress form in developing basic types of patterns by modeling. Intensive study of proportion and use of line in relation to individual figures.

Dress materials provided by the student. Estimated cost of materials, \$10 to \$20. Fee, \$5.

210. (110.) **Dress Design.** First or second term. Credit two hours. Prerequisites, Textiles and Clothing 200, Household Art 100. May be elected by students from other colleges in the University with experience acceptable to the instructor. M W 2-4. Room 216. Mrs. FULLER.

A course planned to give opportunity for creative experience through dress design and to develop appreciation of fine design in wearing apparel.

Design problems emphasize originality in the use of texture combinations, structural detail, surface decoration and color. Ideas for designs are drawn from modern and historic sources and used in the costume in a fashionable way. Designs are carried out in cloth, paint, or pencil. Some instruction in sketching will be given to enable students to express their ideas simply and effectively. Estimated cost of materials, \$10 to \$25. Fee, \$5.

220. (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. This work should be concentrated in a block of five, six, or seven weeks. Prerequisite, Course 200. Especially valuable for students intending to teach. Laboratory practice by arrangement at time of registration. Room 234. Miss BROOKINS and Miss BESSE.

A course to provide 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.

235. **Science Related to Textiles.** First term only. Credit two hours. Consult instructor before registering. Prerequisite Foods and Nutrition 110 or its equivalent, Textiles and Clothing 130 or 310. W F 8-10. Room 353. Miss THARP.

This course is concerned with the chemistry involved in the study of textiles. Identification of fibers and finishes used which affect the use of fibers and finished cloth. Chemistry as applied to washing, dry-cleaning, stain removal, and anti-

perspirants. Evaluation of standard tests and tests adapted for home use. Laboratory fee, \$5.

300. (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.

310. (55.) **Household Textiles.** First or second term. Credit two hours. Primarily for seniors. Each section limited to twenty students. Professor BLACKMORE and Miss THARP.

*First Term:*

M W	11-1	Miss THARP	Room 278
T Th	9-11	Miss BLACKMORE	Room 278
T Th	2-4	Miss THARP	Room 278

*Second Term:*

T Th	9-11	Miss BLACKMORE	Room 278
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A study of the wide range in quality in household textiles and the methods of selecting the quality best suited to specific needs. Buying problems in the area of Household Textiles.

Technical information necessary for efficient buying. Physical testing of fibers and fabrics for properties which affect satisfactory use. Procedure and performance of standard and other physical tests will be evaluated. Specifications set up by various groups. Existing state laws governing the sale of certain household textiles.

A two-day trip to four or more manufacturing establishments to observe designing, weaving, making of certain household fabrics and methods used in preparing fabrics for the retail market. (First term, January; second term, May. Students registering in this course should not have apartment and teaching blocks at these times.) Estimated cost of materials, \$2. Fee, \$10, covers transportation but not other expenses on trip.

320. (105.) **Consumer Problems in Buying Clothing.** First or second term. Credit three hours. For juniors and seniors. M W F 11-1. Room 216. Mrs. FULLER.

Buying practices of consumers, the selling practices of stores, the relationship between the two, and the management problems met by consumers in planning and choosing clothing best suited to their specific needs and desires. Other topics discussed are: the relationship of such factors as design, fashion, and construction to the quality and cost of merchandise; labels and trade marks now used for identifying differences in quality of fabric; and the possibilities of extending these guides by action of either the clothing industry or the government; services offered by retail stores, such as testing bureaus, consultant bureaus, and training of salespeople. Information now available to consumers will be evaluated.

Trips to stores and factories in Ithaca and nearby towns. Estimated cost of materials and trips, \$10. Fee, \$5.

400. **Dress Design, Advanced Course.** Second term. Credit three hours. Prerequisite, Textiles and Clothing 210 or its equivalent. For graduate students, and seniors by permission of the instructor. T Th 2-4.45. Room 216. Mrs. FULLER.

Advanced draping, with emphasis on the experimental manipulation of fabric and the fine use of line, color, texture, and decoration in dress. Designs will be executed in cloth. Estimated cost of materials, \$15 to \$30. Laboratory fee, \$5.

420. **Clothing Problems of Families.** Second term. Credit three hours. For graduate students, and juniors and seniors by permission of the instructor. Laboratory and field practice. W F 2-4.45. Room 217. Assistant Professor SCOTT.

A course designed to help students gain practical experience in meeting clothing problems as they occur in families. Visits to homes to study clothing problems. Application of findings to specific situations and to the student's own technical information and skill in clothing selection and construction. Fee, \$5.

430. **Seminar in Textiles and Clothing.** Second term. One hour by arrangement. For graduate students. Room 216. Department staff. Fee, \$1.



## ORIENTATION

**100. Orientation.** First term. Credit two or three hours (depending on whether or not laboratory is taken.) Lecture M 10, Amphitheater; discussions M W or T Th 9, or W F or T Th 10, Room 121; laboratory T or F 10-12 or Th 9-11 (all students taking laboratory must keep Friday at 10 o'clock open for special lectures and demonstrations), Room 213. Lectures and discussion, Miss RHULMAN and others. Laboratory, Mrs. BUTT and others.

Lectures are designed to acquaint the student with the educational experiences offered in college. Discussions include units on educational plans, personal and social problems of college freshmen, study improvement, use of time, planning expenditures, and management in personal living. The laboratory includes work on care of the wardrobe, grooming, posture, and nutrition.

Fee: \$2, \$3, or \$4, depending on whether the laboratory is taken.

**110. Orientation.** Second term. Credit two or three hours (depending on whether or not laboratory is taken). Discussions M W or T Th 9, or M W or T Th 10, Room 121; laboratory M T or Th 2-4 (all students taking laboratory must keep Monday at 3 o'clock open for special lectures and demonstrations), Room 213. Lectures and discussion, Miss RHULMAN and others. Laboratory, Mrs. BUTT and others.

The work of the second semester centers around the choice of a vocation: the basis for making a vocational choice, intensive study of one or more vocations related to Home Economics, and some opportunity for vocational observation and participation. The laboratory includes work on care of the wardrobe, grooming, posture and nutrition.

Fee: \$2, \$3, or \$4, depending on whether the laboratory is taken. A sum of \$25 should be set aside for expenses in vocational observation and participation in this course.

**120. (Student Guidance 140.) Vocational Orientation.** First term. Credit two hours. Open to juniors and seniors. T Th 10. Room 124. Miss STOCKS and others.

The historical development of the status of women in vocations and in education. Fields of work for home-economics graduates. Aptitudes and interests of the individual affecting vocational choice. Methods of application; interviewing, and the writing of business letters. Attendance at the college discussion meetings on fields of work is a part of the course.

## LEADERSHIP IN HOME ECONOMICS

**300a or b. (110a or b.) Special Problems.** First or second term. Credit two hours. Open to a limited number of students in home economics. M F 12. Room 301. 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 understandings and technics so gained she may be able to make intelligent use of her home-economics education in relation to the problems and the resources of the community.

**310. (120.) Preparation for Community Leadership in Home Economics: Program-planning and Activities (Rural Education 134b).** First term. Credit three hours. Time to be arranged. Open to a limited number of seniors and graduate students interested in educational leadership in homemaking improvement. For extension workers, teachers, volunteer community leaders, county leaders, social workers, supervisors of homemaking programs, members of social-planning councils, and the like. Miss HENDERSON.

**320. (120a.) Preparation for Community Leadership in Home Economics: Organization and Policies (Rural Education 134b).** Second term. Credit three hours. Open to a limited number of juniors, seniors, and graduate students interested in educational leadership in homemaking improvement. May precede course 310. For extension workers, teachers, volunteer community leaders, county leaders, supervisors of homemaking programs, members of social-planning

councils, and the like. Students should consult the instructor before registering. Discussion, M F 11 throughout the term. Room 343. Field work three hours a week throughout the term, or it may be blocked, using one and one-half days a week during any five-week block. Miss HENDERSON.

A study of certain public agencies engaged in homemaking education and an analysis of specific leadership jobs within those organizations. Through observation, participation, and discussion, students gain an acquaintance with the resources of each agency, an understanding of the principles underlying its present practices and policies, and some judgment about possible future developments. Emphasis is given to ways agencies cooperate in planning programs, promoting interest, teaching, selecting and training lay leaders, and administering their work. 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.**

### HOMEMAKING APARTMENTS

[100. (Student Guidance 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 and ————]. Not given in 1940-41.

300. (Student Guidance 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 ————.

To increase the student's awareness of the rich possibilities inherent in home living and the influence of each phase of homemaking on 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 to group living. Laboratory fee \$40, including board and room for five weeks in the homemaking apartment. Dormitory girls are refunded one-half their dormitory board for this period.

### OBSERVATIONAL TRIPS FOR COURSES

<i>Course</i>	<i>Approximate date of trip</i>	<i>Approximate cost</i>
Economics of the Household 160	One afternoon trip, arranged with class	Transportation included in course fee
Economics of the Household 310	One all-day tour, arranged with class	Transportation included in course fee, but not other trip expenses
Economics of the Household 320	Arranged with class	Transportation included in course fee
Foods and Nutrition 200	Arranged with class, probably November and April	\$2
Institution Management 220	October 18 and 19 April 25 and 26	Transportation included in course fee, but not meals and lodging
Institution Management 320	April 18 and 19	Transportation included in course fee, but not meals and lodging
Orientation 110	Arranged with class	\$25
Textiles and Clothing 310	Two-day trip, probably January and May	Transportation included in course fee, but not other trip expenses
Textiles and Clothing 320	Arranged with class	\$10

### SUMMARY OF FEES IN HOME ECONOMICS COURSES

## FOODS AND NUTRITION

<i>Course</i>	<i>Fee</i>	<i>Additional expense</i>
100....	\$18.00	
110 (each term)...	18.00	
130...	6.00	
200...	18.00.....	\$2.00
210... ..	18.00	
230... ..	9.00	
240.....	18.00	
310 (lecture).....	2.00	
310 (each laboratory hour)...	5.00	
330.....	6.00	
340 (each laboratory hour). ....	7.00	
340 (lecture). ....	1.00	
400.....	1.00	
410... ..	\$5.00 to 25.00	
420...	1.00	
320... ..	\$10.00 or more	

## HOUSEHOLD ART

100.....	\$ 7.50.....	\$4.00
110 (each credit hour).	3.75	\$2.00 minimum
120.....	10.00	
140.....	10.00	
150.....	7.50	
160 (each unit).	3.75	
200.....	7.50.....	2.00
210 (each credit hour).	3.75	\$2.00 minimum
220.....	11.25	
320.....	7.50	

### Additional

LEADERSHIP IN	
HOME ECONOMICS	
320 . . . .	\$ 2.00 . . \$10 to \$15

## HOMEMAKING APARTMENTS

300. . .	\$40.00
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TEXTILES AND CLOTHING		
I00...	\$ 5.00	\$10.00 to \$20.00
I10...	5.00	15.00 to 25.00
I20....	5.00	
I30....	5.00	5.00
200....	5.00	10.00 to 20.00
210....	5.00	10.00 to 25.00

220 (each credit hour).....	1.00	
235.....	5.00	
310.....	10.00.....	2.00
320....	5.00 .....	10.00
400.....	5.00.....	15.00 to 30.00
420.....	5.00	

## 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 that are valuable for the contribution they make to the enrichment of the student's program.

For descriptions of additional courses, students should refer to the catalogues of the various colleges.

## AGRICULTURAL ENGINEERING

10. **Household Mechanics.** First or second term. Credit three hours. Lectures, T Th 12. Caldwell 100. Practice, first term, Th 9-11.30; Th or F 2-4.30; second term Th or F 2-4.30. Agricultural Engineering Laboratories. Professor ROBB and ———.

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. Professor ROEHL.] Not given in 1940-41.

## ANIMAL HUSBANDRY

92. **Meat and Meat Products.** First or second term. Credit one hour. Registration limited to fifteen students. Laboratory and lecture period, Th 2-4.20. Wing B and Meat Laboratory. Professor HINMAN and Mr. SCHUTT.

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

## ASTRONOMY

180. **Introductory Astronomy.** First term. Credit three hours. T Th 9. Rockefeller C. Professor BOOTHROYD and Assistant Professor SHAW.

One two-hour laboratory or observation period a week to be arranged.

Discussion of the fundamentals of astronomy, with particular reference to stellar and nebular systems.

This course is designed to give the student an understanding of the fundamentals of Astronomy. Emphasis is placed on the contributions of Astronomy to the sciences, philosophy, and general culture. Ample opportunity for the observation of the heavenly bodies with the great telescope is offered.

## BACTERIOLOGY

4. **Household Bacteriology.** Second term. Credit three hours. 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 assistants.

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

## BIOLOGY, BOTANY, AND ZOOLOGY

**1. General Biology.** 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. First term not 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 and demonstrations, M W F 9 or 11. Roberts 392. One practice period a week. Roberts 301 and 302. Assistant Professor \_\_\_\_\_, Dr. NEVIN, and assistants.

An elementary course planned to meet the needs of students majoring outside of the plant and animal sciences. The course deals with the nature of life, life processes, the activities and origin of living things. It covers the organization of representative plants and animals, including man as an organism, and the principles of nutrition, growth, behavior, reproduction, heredity, and evolution. Fee, \$3.50 a term.

**303. Physiology.** First term. Credit three hours. M W F 8 or 10. Stimson Amphitheatre. Assistant Professor DYE.

An introductory course designed particularly for those students who intend to take only one course in physiology, for those who expect to teach biology in the secondary schools, and for those who desire a general knowledge of the physiological processes as applied to the human body.

**314. 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 Dr. DOUNCE, Mr. FRAMPTON and Mr. GJESSING.

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

**314a. 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 Dr. DOUNCE, Mr. FRAMPTON and Mr. GJESSING.

Fee, \$15. Breakage deposit, \$5.

**1. General Botany.** Throughout the year. Credit three hours a term; if taken after Biology 1, credit two hours a term. Lectures, T Th 9 or 11. Plant Science 233. Laboratory, one period of two and one-half hours. Plant Science 240, 242, and 262. Professor PETRY, Dr. LAUBENGAYER, and assistants.

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. Introductory Zoology.** Throughout the year. Credit three hours a term. If taken after General Biology 1, credit two hours a term. Lectures: T Th 9 or 11. Laboratory, M T W Th F 1.40-4; T W S 10-12.20; S 8-10.20. Lectures, Goldwin Smith B. Laboratory, McGraw 102 and 104. Assistant Professor YOUNG, Dr. A. G. MEKEEL, Messrs. CAMERON, GILBERT, INGRAM, and PELL.

An introduction to the animal sciences. The work of the first term deals with the fundamental structure and functions of a complex animal, together with some of the principles governing life in general. During the second term a survey of the animal kingdom is made through study of representatives of each of the principal phyla. Man's place in nature is finally considered. Fee, \$3 a term.

## CHEMISTRY

**102. General Chemistry.** Throughout the year. Credit six hours on completion of the course. Open only to those students who do not offer entrance chemistry. Lecture, Th or F 11. Baker, Main Lecture Room. Recitation, one hour a week, to be arranged. Laboratory, M T W Th or F 1.40-4. Professors BROWNE, LAUBENGAYER and Dr. SAUM.

This course deals with the fundamental laws and theories of chemistry and the properties of the more common elements and their compounds. Deposit, \$11 each term.

**104. General Chemistry.** Throughout the year. Credit six hours on completion of the course. Prerequisite, entrance credit in chemistry. Lecture, M or T 11. Baker, Main Lecture Room. Recitation, one hour a week, to be arranged. Laboratory, M T W Th or F 1.40-4. Professor PAPISH, Dr. EATON, and assistants.

This course deals with the fundamental laws and theories of chemistry and the properties of the more common elements and their compounds. Deposit, \$11 each term.

**201. Introductory Analytical Chemistry.** First term only. 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, \$25.

**210. Introductory Qualitative Analysis.** Shorter course. First or second term. Credit three hours. Prerequisite, course 102 or 104 or Foods and Nutrition 110. Lecture W 12. First term, Baker 200; second term, Baker 107. Laboratory sections, T Th 8-10.30; T Th 1.40-4 (first term only.) Baker 50. Dr. LONG, Dr. BAUER, 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. First term, Baker 207; second term, Baker 200. Laboratory sections, W F 1.40-4, T Th 8-10.30, T Th 1.40-4. Baker 252. Dr. MACMILLAN and assistants.

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

**375. Elementary Organic Chemistry.** Second term. Lectures and laboratory, six hours credit. For students in pre-medical, biological, home-economics, and agricultural curricula. Prerequisite, general chemistry; qualitative analysis is desirable but not required. Deposit, \$20. Assistant Professor BRUCE, Dr. MILLER, and assistants.

Lectures: M W F S 11. Baker 207.

Laboratory sections: M W 1.40-4; T Th 8-10.30. Baker 250.

Students who have completed Chemistry 375 may register for Chemistry 305 in the second term and receive two hours credit (eight in all).

## ECONOMICS

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

## EDUCATION

**1. Educational Psychology.** First or second term. Credit three hours. Not open to freshmen. Lectures and recitations. First term, M W F 11, Goldwin Smith 156; 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.

**7. 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. 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 fields outside the school. Use of educational tests. Demonstrations in administering and interpreting tests.

**13. 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. Mental Development.** First term. Credit two hours. Prerequisite, course 1 or the equivalent. Professor FREEMAN.] Not given in 1940-41.

**18. 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 and a third hour to be arranged. Goldwin Smith 236. Professor FREEMAN.

The nature, causes, and implications of individual differences in abilities, achievement and behavior. Study and observations of atypical and problem groups.

#### RURAL EDUCATION

**110. Psychology, an Introductory Course.** First or second term. Credit three hours. Not open to freshmen. M W F 10. Plant Science 233. Professor WINSOR. Fee, \$1.

**111. Psychology for Students of Education.** First term. Credit three hours. Primarily for prospective teachers of vocational agriculture. Open to juniors and seniors. M W F 10. Caldwell 143. Assistant Professor BAYNE.

Fee, \$1.

**112. 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. Section 1, first term, and sections 1 and 3, second term, are primarily for prospective teachers of vocational agriculture and vocational home economics. First term, M W F 9. Section 1, Warren Hall 125. Section 2, Comstock 145. Second term, Section 1, M W F 9, Warren Hall 125. Section 2, M W F 9, Warren 225; Section 3, M W F 10, Warren 225. Professor KRUSE, Assistant Professor BAYNE, and Dr. GARDNER. Fee, \$1.

**117. 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. M W F 10. Roberts 392. Professor KRUSE and Dr. GARDNER.

**119. Personnel Administration.** Second term. Credit three hours. Prerequisite, course 114 or the equivalent. Lectures, M W F 8. Plant Science 233. Professor WINSOR.

**121. Method and Procedure in Secondary School Teaching.** First term. Credit three hours. Prerequisite, course 111, 112, or the equivalent. Open to juniors and seniors. Lectures, M W F 11. Plant Science 141. Professor FERRISS.

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

**135. 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. Warren 125. 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, and should provide the same hour for observation each day, and time for transportation.

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. 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 309. Professor BINZEL, Miss HASTIE, and Mrs. ROBERTS.

Schedules must provide three entire days a week, or the equivalent, 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. Fee, \$10.

**137. Extra-Instructional Problems.** First or second term. Credit two hours. First term for prospective teachers of home economics only. Second term for prospective teachers of science and home economics. T Th 9. First term, Room —; second term, East Roberts 222. Professor MOORE.

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. Principles of Education.** First or second term. Credit three hours. Prerequisite, a first course in educational psychology. Open to seniors preparing to teach who have completed the required courses in methods and practice teaching or are pursuing such courses. Open also to graduate students preparing to teach. First term, M W F 11. Second term, M W F 9. Caldwell 143. Professor EATON.

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

**219. Personnel Administration.** Seminar. Second term. Credit two hours. Open to qualified seniors and graduate students. Th 4.15-6. East Roberts 223. Professor WINSOR.

**228. Seminar—Child Guidance.** (Family Life 350). Second term. Credit two hours. Prerequisite, some work in Family Life. F 4-6. Room G 58. Professor WARING. (Given in alternate years. Offered in 1940-41.)

**248. The Preparation of Teachers of Home Economics for Secondary Schools.** Second term. Credit two hours. Professor THURSTON.

This course is designed to meet the needs of persons who are especially competent as home-economics teachers, and who wish to become qualified to prepare teachers of home economics for secondary schools.

**249. Seminar in Home Economics Education.** First and second terms. Credit two to four hours either term. Total credit for the year not to exceed six hours. Hours to be arranged. Consult the instructor before registering. Professor THURSTON.

Designed to meet the needs of graduate students who have had experience as home-economics educators in schools, colleges, extension service, business, and the like. Arrangements are made for students to work on their individual problems. Courses in philosophy and principles of education, psychology, guidance, curriculum, and measurement are recommended as prerequisite or parallel.

**269. The Supervision of Home Economics Education.** Second term. Credit two hours. Time to be arranged. Consult the instructor before registering. Professor THURSTON.

For persons who are now engaged in the functions of supervision and in the education of teachers and leaders in service and for those who wish to prepare for such work.



## 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. TENNEY, ADAMS, ANDERSON, BARKER, CURTIN, DUFFY, JONES, MOORE, MYERS, SALE, SIBLEY, THOMPSON, WIENER, WILSON, and others.

The course, open to freshmen who have satisfied the entrance requirements in English, is a training in the reading and writing of English. Assistant Professor TENNEY is in charge of the course.

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

**15. The Study of Poetry.** Second term. Credit three hours. Open to sophomores, and to freshmen who have passed the first term of English 2 with a grade of 80 or better. Freshmen who have received a grade of 90 or better in the first term of English 2 may substitute this course for the second term of English 2 to satisfy the requirement in English, but they are expected in addition to write a formal library paper. Those who pass course 15 may not take 21 for credit and those who take course 21 may not take 15 for credit. M W F 11. Goldwin Smith 156. Assistant Professor TENNEY.

**20a. Composition.** Repeated in second term. Credit three hours. T Th 12 and an hour to be arranged. Goldwin Smith 164. Assistant Professor JONES and Dr. MOORE.

A course designed for the student who has completed the required work of English 2 without distinction and who wants additional drill in writing clear and accurate English. Class discussion of modern English usage will be supplemented by conferences on individual difficulties.

**20. Prose and Composition.** Throughout the year. Credit three hours a term. May be entered in either term. Prerequisite, credit for both terms of English 2, or the equivalent. M W F 9, Dr. ANDERSON; M W F 10, Assistant Professor NUNGEZER; M W F 11, Professor MONROE; M W F 12, Assistant Professor MYERS; T Th S 9, Dr. CURTIN; T Th S 10, Assistant Professor FRENCH. Goldwin Smith 164.

**21. Introduction to Poetry.** First term. Credit three hours. T Th S 11. Goldwin Smith A. Professor ———.

**23. Introduction to the Drama.** First term. Credit three hours. M W F 10. Goldwin Smith 142. Assistant Professor MYERS.

An introduction to the drama as a form of literature, and to the distinguishing qualities of tragedy, comedy, melodrama, and farce. Reading of fifteen representative classical and modern plays.

**24. An Introduction to Shakespeare.** Second term. Credit three hours. M W F 10. Goldwin Smith 142. Professor THOMPSON.

A reading of representative plays.

**26. Introduction to Prose Fiction.** Second term. Credit three hours. T Th S 11. Goldwin Smith 142. Dr. BARKER.

A study of representative types of the novel and short story, both English and American and of the past and the present.

## EXTENSION TEACHING

**15. Agricultural 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. Professor ADAMS.

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 9,

T Th 10, Roberts 492; second term, M W 9, T Th 9, Roberts 492; T Th 11, Roberts 131. Criticism, by appointment, daily 8-1 and 2-5. Professors EVERETT and PEABODY, and MESSRS. PHILLIPS, GOODRICH, and \_\_\_\_\_.

Practice in oral and written presentation of topics in the field in which the student is specializing, 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.

**103. Extension Organization, Administration, and Policy.** Second term. Credit three hours. Open to graduate students and seniors, and to juniors by special arrangement. Lectures and exercises based on field work. M W F 10. Roberts 492. A limited number of practice periods on program building may be required outside of the regular class periods. Professors SIMONS, WRIGHT, FLANSBURGH, and KELSEY, and other members of the Extension Staff.

This course is designed to familiarize students with the organization, administration, and policies of extension work as exemplified in New York State. The course is for students preparing for effective service as citizens in rural communities, as well as for prospective county agricultural agents, county 4-H Club agents, home demonstration agents, or other extension workers in agriculture and home economics.

**110. Agricultural Radio Broadcasting.** Second term. Credit two hours. Prerequisite, course 101 or its equivalent, and an average grade of at least 80 in English. 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

**1. General Floriculture and Ornamental Horticulture.** First term. Credit three hours. Lectures, M W 10. Plant Science 37. Laboratory, T or Th 1.40-4. Plant Science 15. Assistant Professor POST and Dr. ALLEN.

A general course covering the principles and practices of growing ornamental plants in the garden, greenhouse and home.

**2. Introduction to Landscape Design.** Second term. Credit three hours. Open to general election. Lectures, M W F 9. Plant Science 233. Acting Professor PORTER.

A consideration of the principles of landscape design as applied to the small-residence property.

**5. Flower Arrangement.** Second term. Credit one hour. Laboratory, T W Th or F 1.40-4. Plant Science 22. Miss SMITH.

A study of the principles and methods of arranging flowers and other plant materials for decorative use. Fee, \$8.

## GOVERNMENT

**1a. Elementary American Government and Politics.** First term. Credit three hours. Open only to students in the Colleges of Agriculture and Home Economics. Enrollment limited. M W F 9. Plant Science 143. Dr. HUZAR.

## HISTORY

**42. History of Modern Europe.** Throughout the year. Credit three hours a term. Not open to freshmen. M W F 3. Goldwin Smith C. Assistant Professor MOSELY.

A survey of European history from the beginning of the seventeenth century to 1914, with special attention to the social and intellectual background of European development.

**50. Recent European History.** First term. Credit three hours. Not open to freshmen. M W F 11. Boardman B. Assistant Professor MOSELY.

A survey of the political and social development of Europe since 1914, with special attention to social and national movements as a background for international relations.

**52. Modern History of the Balkans and Near East.** Second term. Credit three hours. Prerequisite, History 42 or permission of the instructor. M W F 11. Boardman D. Assistant Professor MOSELY.

The decline of the Ottoman Empire; the political and social development of the Balkan and Near Eastern peoples; the impact of Western imperialism; contemporary problems of the area.

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

A survey of English history from the Anglo-Saxon invasions to the present.

## 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 Professors EVANS, 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 Professors EVANS, CUYKENDALL, and STELLE.

**3. Health Supervision of School Children.** Second term. Credit three hours. Open to sophomores, juniors, and seniors. Prerequisites, suggested but not demanded, Human Physiology and Anatomy. M W F 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, methods and materials necessary for conducting an effective health supervision of school children.

**4. Advanced First Aid.** First or second term. Credit one hour. Prerequisites, Hygiene 1 and 2 and an elementary course in First Aid. Enrollment limited, and registration only after conference with the professor in charge. F 9. Stimson, Anatomy Lecture Room. Assistant Professor SHOWACRE.

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 two hours. Prerequisites, Hygiene 1 and 2. T Th 12. Stimson, Histology Lecture Room. Registration at Barton Hall. 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 two hours. Prerequisites, Hygiene 1 and 2. T Th 12. Stimson, Histology Lecture Room. Registration at Hygiene Office, Old Armory. Assistant Professor DEYOE.

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 or second term. Credit two hours. Prerequisites, Hygiene 1 and 2. M F 11. Stimson Amphitheater. Assistant Professor DARLING; T Th 2. Stimson, Histology Lecture Room. Assistant Professor STELLE.

The relationship of the structure of the total personality to environmental maladjustment as evidenced by physical and social behavior; a discussion of the more common personality difficulties and the rôle of insight in the prevention of these.

## 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 and an indoor winter period. Classes in the following sports and activities are available: archery, baseball, canoeing, field hockey, golf, outing, riding, soccer, tennis, volley ball, badminton, basketball, fencing, folk, tap, and modern dancing, individual gymnastics, riflery, and swimming.

6. **Physical Education for Women (Freshmen).** Throughout the year, three periods a week. Misses BATEMAN, ASHCROFT, ATHERTON, and DORNEY and Mrs. BAIRD.

7. **Physical Education for Women (Sophomores).** Throughout the year, three periods a week. Misses BATEMAN, ASHCROFT, ATHERTON, and DORNEY and Mrs. BAIRD.

## MUSIC

*The attention of students is called to the opportunities for choral training, instrumental ensemble work, chamber ensemble work, and use of the library of phonographic recordings outlined in the catalogue of the College of Arts and Sciences.*

1. **Theory and Practice of Music.** First or second term. Credit two hours. Primarily for underclassmen, but open to all students who have had little or no training in music. Students offering music for entrance credit may not take this course for credit. T Th 2. 320 Wait Avenue. Assistant Professor GORE.

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.

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.

7. **Instrumental Ensemble.** Throughout the year. Credit three hours a term. Registration for this course must be approved by the instructor. T F 4-6. 320 Wait Avenue. Assistant Professor INGALLS.

An approach to the understanding of ensemble music, partly through performance and partly through the study of music performed and comparable music. The aim of the course is an appreciation of the art as intensified through participation. The course is open to all students who have attained a fair degree of proficiency in performance on some instrument.

[8. **The Orchestra.** First term. Credit three hours. Open to all students. Assistant Professor INGALLS.] Not given in 1940-41.

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 1800; second term, from approximately 1800 to the present day.

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

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.

**33. Historical Survey of Orchestral Music.** Second term. Credit three hours. Prerequisite, Music 10. M W F 2. 320 Wait Avenue. Assistant Professor INGALLS.

An illustrated course giving a survey of orchestral music from its beginning to the present time.

**34. Historical Survey of Chamber Music.** First term. Credit three hours. Prerequisite, Music 10. M W F 2. 320 Wait Avenue. Assistant Professor INGALLS.

An illustrated course giving a survey of chamber music from its beginnings to the present time.

**Applied Music.** Individual instruction in organ is offered under Assistant Professor GORE, in piano under ———, and in violin under Assistant Professor INGALLS. Practice facilities are available in the Music Building and in Sage Chapel. Permission to register for this instruction should be obtained from Professor WEAVER. Special fees are charged for the instruction and for the use of practice facilities.

## PSYCHOLOGY

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

Basic problems and principles of human psychology. The course is designed as a general foundation for the study of experimental, social, animal and child psychology, psycho-technology, and the psychology of the abnormal, and is a prerequisite for all later courses in psychology. Class demonstrations will supplement the lectures and recitations. Textbook: Boring, Langfeld, and Weld, *Psychology: A Factual Textbook*.

**7a. Introduction to Psychotechnology.** First term. Credit three hours. Prerequisite, Psychology 1 and junior standing. T Th S 10. Goldwin Smith A. Dr. RYAN.

A study of the results of experimental and statistical analyses of psychological problems in vocational guidance, medicine, law, athletics, and problems of everyday existence.

**7b. Psychotechnology in Business and Industry.** Second term. Credit three hours. Prerequisite, Psychology 1 and junior standing. For upperclassmen who intend to enter industrial fields. T Th S 10. Goldwin Smith A. Dr. RYAN.

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

**11. Physiological Psychology of the Senses.** First term. Credit three hours. Prerequisite, Psychology 1 and consent of the instructor. M W F 11. Morrill 42. Professor DALLENBACH.

Lectures and demonstrations on the experimental psychology of the special senses together with a study of the nervous structures involved.

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

**18. Genetic Psychology.** Second term. Credit three hours. Prerequisite, Psychology 1, and consent of the instructor. M W F 10. Morrill 40. Assistant Professor KREEZER.] Not given in 1940-41.

## PUBLIC SPEAKING

**1. Public Speaking.** Repeated in second term. Credit three hours. Not open to freshmen. Professor WICHELS, Assistant Professors MUCHMORE and WAGNER, Messrs. DE BOER, HUNTER, and MOUAT. M W F 9, 10, 11, 12; T Th S 9, 10, 11.

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. Fee for materials, \$2.

**2. Public Speaking.** Second term. Credit three hours. Prerequisite, Public Speaking 1. M W F 10, Assistant Professor WAGNER; M W F 9, 11, Assistant Professor WICHELS; M W F 12, Professor MUCHMORE.

Practice in the composition and delivery of speeches for various occasions, in formal and informal group 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. Two sections: M W F 10; T Th S 9. Goldwin Smith 26. Assistant Professor THOMAS.

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

Students must enroll on registration days at Goldwin Smith 21.

**30. Voice Training.** First or second term. Credit two hours. Open to freshmen. T Th 10, and an hour to be arranged. Martha Van Rensselaer, 3M13. Assistant Professor THOMAS.

An elementary course for the improvement of the speaking voice, with attention to the principles of voice production.

**47. The History of Theatrical Costume.** Throughout the year. Credit three hours a term. Especially for juniors. Not open to freshmen. T 2-4 and an hour to be arranged. Goldwin Smith 242. Miss WORMAN.

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 SOCIOLOGY

**1. General Sociology.** First or second term. Credit three hours. Open to sophomores. Lectures and discussions, M W F 8. Warren 25. Professor ANDERSON.

This course precedes all others in the department. Its object is to create an understanding of various types of groups, institutions, and organizations 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 Sociology.** First term. Credit three hours. Course 1, or its equivalent, is recommended as prerequisite, but not required. Lectures, discussions, and special reports, T Th S 11. Warren 340. Professor SANDERSON.

A study of the groups, organizations, and institutions found in rural society, their structure and function, and a consideration of means for the improvement of rural social organization. Fee for materials, \$3.

**111. 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, T Th S 8. Warren 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 rural-community organizations; methods of making organizations effective through developing rural leadership, analyzing community needs, building community programs, and coordinating programs.

**112. Rural Recreation.** Second term. Credit three hours. For juniors and seniors planning to engage in rural work. Prerequisite, course 1 or 12. T Th 8, and a two-hour laboratory period to be arranged. Warren 340. Extension Assistant Professor DUTHIE.

A general orientation in the various types of recreational activities, and the methods in which they may be organized to best serve the needs of the rural community.

**123. Social-Work Practice.** Throughout the year. Open only to juniors and seniors interested in becoming social workers, scout executives, or camp-fire leaders. This course is offered for the purpose of orienting students who may contemplate entering social work. It is not designed to afford professional training. It consists of individual work at neighborhood houses or in connection with social welfare organizations. Qualified Girl Scouts or Camp-Fire Girls may obtain training as assistant troop leaders. Course 112 should precede or accompany this course. Hours and credit to be arranged. Miss STRODE.

**124. Social Case Work.** First term. Credit three hours. Prerequisite, course 1, one course in psychology, and Sociology 10, or equivalents. M W F 9. Warren 340. Miss STRODE.

An introductory study of the theory and practice of social case work as used in public and private welfare agencies, court and probation work, and the family relations of the school and church. Designed for prospective social workers, and of value to prospective extension workers and teachers.

**125. Problems of Rural Social Welfare.** Second term. Credit three hours. Prerequisite, course 1, one course in psychology, and Sociology 10, or equivalents. M W F 9. Warren 340. Miss STRODE.

A discussion of the problems and methods of the rural social welfare worker, and of the organization and relationships of local agencies to state and national welfare organizations and administrations.

**132. Rural Leadership.** Second term. Credit two hours. Prerequisite, course 1 and permission of instructor. Th 2. Warren 302. Professor SANDERSON.

A seminar course in which leadership is studied from both sociological and psychological points of view. Fee for materials, \$1.

**133. Group Leadership.** Second term. Credit three hours. Open with permission of instructor to upperclass students. M W 12, and an hour to be arranged. Warren 302. Extension Assistant Professor DUTHIE.

A consideration of the factors involved in group formation, the relationships of the leader to the group, and the group members to each other. The place of the program in group work and the process of program formation are described, with special reference to work with 4-H Clubs, Scouts, and juvenile groups.

## SOCIOLOGY AND ANTHROPOLOGY

**2. Introduction to Sociology and Anthropology.** First or second term. Credit three hours. Not open to freshmen. First term: M W F 10, 12, 2; T Th S 9, 10. Second term: M W F 10, 2; T Th S 9. Rooms to be announced. Associate Professor WOODWARD, Assistant Professor SHARP, and Dr. WEINTRAUB.

The rôle of cultural factors in shaping personality; the behavior of crowds, races, nations, social classes, and publics; the social organization of rural and urban communities.

Fee, in lieu of textbook, \$2.

**3. Man and Culture.** First or second term. Credit three hours. Prerequisite, Sociology 2, Social Science C or Rural Sociology 1. T Th 10 and an hour to be arranged. Goldwin Smith C. Assistant Professor SHARP.

Human origins, evolution and racial differentiation; the development of civilization; factors involved in cultural change.

**10. The Family.** First or second term. Credit three hours. Prerequisite, Sociology 2, Social Science B, or Rural Sociology 1. T Th S 8. Goldwin Smith 264. Professor COTTRELL.

The development of the family as a social institution in modern society; the

relation between cultural change and changes in the family pattern; the social psychology of intra-family relationships.

**15. Urban Society.** Second term. Credit three hours. Prerequisite, Sociology 2 Social Science C, or Rural Sociology 1. T Th S 11. Goldwin Smith 264. Associate Professor \_\_\_\_\_.

A study of the history and organization of the modern city; the ecological and, cultural processes of city life; human nature in the urban environment.

**30. Personality and the Behavior of Groups.** First term. Credit three hours. Prerequisite, Sociology 2, Social Science C, or Rural Social Organization 1 and one course in psychology. T Th S 10. Goldwin Smith 242. Professor COTTRELL.

A study of (1) the organization and functioning of personality regarded as a product of social interaction; and (2) the dynamics of interaction of persons in intra-group and inter-group relations. An attempt is made to develop an integrated social-psychological theory which is relevant to both inter-personal and inter-group behavior. Fee for materials, \$1.

**50. Intermediate Theory.** First term. Credit three hours. Prerequisite, Sociology 2, Social Science C, or Rural Sociology 1. T Th S 9. Room to be announced. Dr. WEINTRAUB.

A sociological analysis of theories of social action. The English classical theory of liberalism will be taken as a point of departure for an analysis of such theories as Marx's historical-materialism, German national idealism, and Italian anti-rationalism. American theories of liberalism will be examined in the light of European theory. Attention will be given to the distinction between science and ideology with special reference to the possibility of sociology as a science.

**60. Social Anthropology.** First term. Credit three hours. Prerequisite, Sociology 2, Social Science C, or Rural Sociology 1 or the equivalent. M W F 11. Goldwin Smith 264. Assistant Professor SHARP.

Problems in the analysis and comparison of the cultures of primitive communities as a basis for the study of more complex societies; elementary forms of social organization; interrelation of elements within a total culture; culture patterns and the individual.

**65. American Ethnology.** Second term. Credit three hours. Prerequisite, Sociology 2, Social Science C, or Rural Sociology 1, or the consent of instructor. M W F 12. Goldwin Smith 264. Assistant Professor SHARP. Alternate years.

A study of the origins, development, and distribution of American Indian peoples and cultures; archaeological and ethnological methods of investigating problems of culture, growth, and change.

**70. Statistics for General Use.** First term. Credit three hours. Prerequisite, \_\_\_\_\_ . Time and place to be announced. Associate Professor \_\_\_\_\_.

Basic elementary statistical concepts and devices presented in such a manner as to enable the non-technical person to critically evaluate the statistical material put out by governmental, economic, and social groups.

## INTERDEPARTMENTAL COURSES

*(In cooperation with the Graduate School of Education. See Bulletin of the Five-Year Program for the Preparation of Secondary School Teachers.)*

**Human Growth and Development.** Throughout the year. Credit three hours a term. Prerequisite, a laboratory science, preferably general biology or general zoology. M W F 9. Stimson Amphitheatre. Professors FREEMAN and PAPEZ and assistants.

The aim of this course is to integrate information about structural, physiological, behavioral, and intellectual aspects of growth and development. Emphasis is placed on those aspects of growth and development that will help educators to understand human individuals as functioning organisms in a social environment. The materials of the course are selected from pertinent fields, including anatomy, embryology, genetics, neurology, physiology, hygiene, sociology, cultural anthropology, and developmental psychology.



**Social Science.** The courses listed below are offered cooperatively by the Departments of Economics, Government, and Sociology and Anthropology. They are designed primarily for students electing the five-year course for the preparation of secondary-school teachers, but are open to others by special permission.

**A. Introduction to Social Science.** First term. Credit three hours. Open to freshmen who are electing the five-year course for the preparation of secondary-school teachers, and to others by the permission of the instructor. M W F 10, 12; T Th S 9, 11. Rooms to be announced. Associate Professor WOODWARD, and Mr. ———.

A study of the social organization of communities, designed to introduce the student to the fields of economics, government, sociology and anthropology. During the first year attention will be directed successively toward a primitive community, toward the New England town of the seventeenth century, and toward a modern rural community and a modern city.

Fee for materials furnished, \$3.

**B. Introduction to Social Science.** Second term. Credit three hours. Prerequisite, Social Science A. M W F 10, 12; T Th S 9, 11. Rooms to be announced. Associate Professor WOODWARD and Mr. ———.

[C, D. **Introduction to Social Science.** Throughout the year. Credit three hours a term. Prerequisite, Social Science B. Offered in 1941-42, not in 1940-41.]

A continuation of course B. A study of a region, of the American nation, and of the world, each regarded as a unit of social, economic, and political organization.

# NEW YORK STATE COLLEGE OF HOME ECONOMICS

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Mrs. Harriet Bliss Stocking, Ph.B., Extension Secretary of Home Economics.  
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- Evelyn Mae Krotz, B.S., Research Assistant, Department of Economics of the Household and Household Management.
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- Mrs. Emma Dodson Nevin, M.A., Extension Instructor, Department of Textiles and Clothing.
- Helen Margaret Park, M.S., Instructor, Department of Household Art.
- Mrs. Mary Peabody, R.N., Instructor, Department of Family Life (first term).
- Catherine Jane Personius, Ph.D., Assistant Professor, Department of Foods and Nutrition.
- Marion Caroline Pfund, Ph.D., Professor, Department of Foods and Nutrition.
- Mrs. Marie Reed, R.N., Assistant, Department of Family Life.
- †Katherine Reeves, A.B., Assistant Professor, Department of Family Life, and Head of the Nursery School.
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- Mrs. Ruby Green Smith, Ph.D., Extension Professor of Home Economics and State Leader of Home Demonstration Agents.
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- Mrs. Julia Gleason Strahan, B.S., Extension Instructor, Department of Textiles and Clothing.
- Hazel Tharp, M.S., Instructor, Department of Textiles and Clothing (first term).
- 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).

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.

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Margaret Naughton Whelan, B.S., Research Assistant, Department of Foods and Nutrition.

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

Therese Elizabeth Wood, M.A., Extension Instructor, Department of Foods and Nutrition.

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

Florence Edith 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.

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†On leave second term.



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