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Announcement of the
New York State College of
Home Economics
for 1942-43

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New York, under the act of August 24, 1912]*

THE CALENDAR FOR 1942-43

FIRST TERM

1942

Sept.	24	Thursday	Freshmen Week-End begins.
Sept.	28	Monday	Academic year begins. Registration of new students.
Sept.	29	Tuesday	Registration of old students.
Oct.	1	Thursday	Instruction begins at 8 a.m.
Oct.	12	Monday	Last day for registering changes in fall-term schedule.
Oct.	22	Thursday	Last day for payment of fall-term tuition and fees.
Nov.	26	Thursday	<i>Thanksgiving, a holiday.</i>
Dec.	19	Saturday	Instruction ends at 12.50 p.m.

1943

Christmas recess.

Jan.	4	Monday	Instruction resumed at 8 a.m.
Jan.	11	Monday	Birthday of Ezra Cornell. Founder's Day.
Jan.	21	Thursday	Final examinations begin.
Jan.	28	Thursday	Final examinations end.

SECOND TERM

Jan.	29-30	Friday, Saturday	Registration of all students.
Feb.	1	Monday	Instruction begins at 8 a.m.
Feb.	1-6		Farm and Home Week.
Feb.	11	Thursday	Last day for registering changes in spring-term schedule.
Feb.	22	Monday	Last day for payment of spring-term tuition and fees.
Mar.	27	Saturday	Instruction ends at 12.50 p.m.

Spring recess.

Apr.	5	Monday	Instruction resumed at 8 a.m.
May	17	Monday	Final examinations begin.
May	24	Monday	Commencement.

DATES OF FIVE- AND SEVEN-WEEK "BLOCKS"

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

First Term	Second Term
Oct. 1—Nov. 1	Feb. 1—Mar. 4
Nov. 2—Dec. 4	Mar. 5—Apr. 13
Dec. 5—Jan. 20	Apr. 14—May 15

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

First Term	Second Term
Oct. 1—Nov. 18	Feb. 1—Mar. 24
Nov. 19—Jan. 20	Mar. 25—May 15

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.

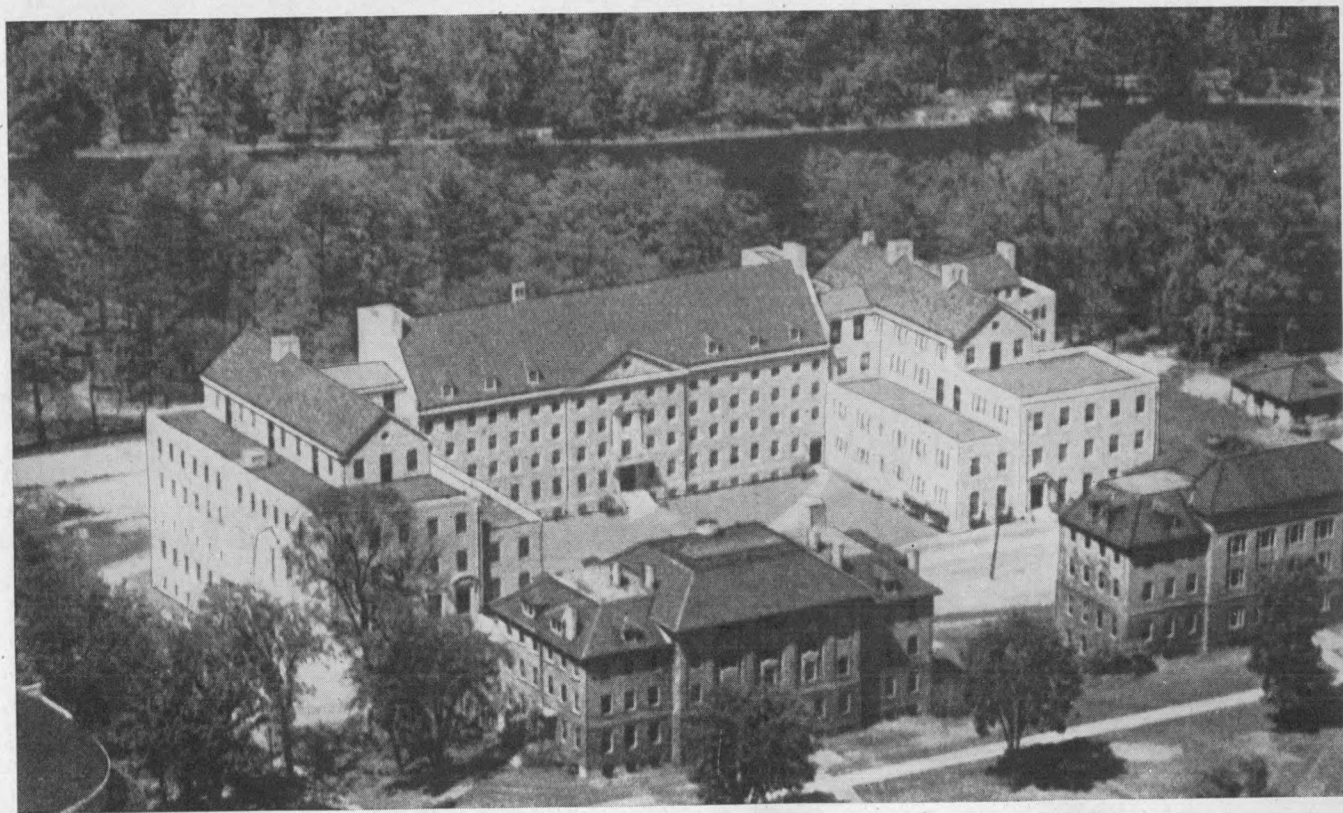
Transcripts of college records: Office of the Registrar, Morrill Hall.

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 Counselor of Students, 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. Education in this field has broadened its scope as woman's status has changed, vocational opportunities have opened, and she has become a voting citizen in the community as well as a homemaker. 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.

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 offices and 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.

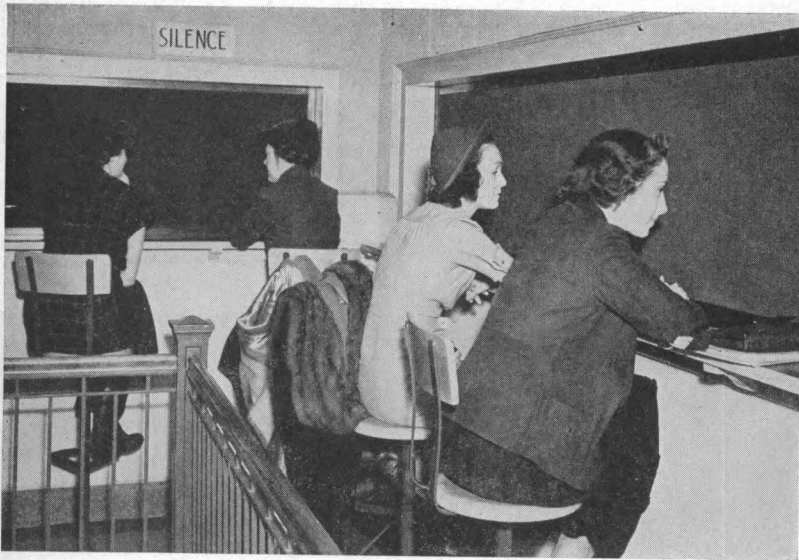
The Department of Family Life is housed in the east end of the



LEARNING TO USE AND TO SHARE THE RICH RESOURCES FOR
WORK AND FOR PLAY

building, which includes the Nursery School, work shop, home-nursing laboratory, and offices of resident and extension staff.

The Nursery School has ample space for indoor and outdoor play, for the comfortable performance of daily routine activities, and for physical and psychological measurement. Observation booths with one-way-vision screens make it possible for parents and students to watch and record child behavior without intrusion into the school's program.



AN OBSERVATION BOOTH



NURSERY-SCHOOL PLAYROOM, LOOKING TOWARD THE FIREPLACE
"It's quite a big world—this room."—(Dixon, in *Children Are Like That*)

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 science in relation to food, 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

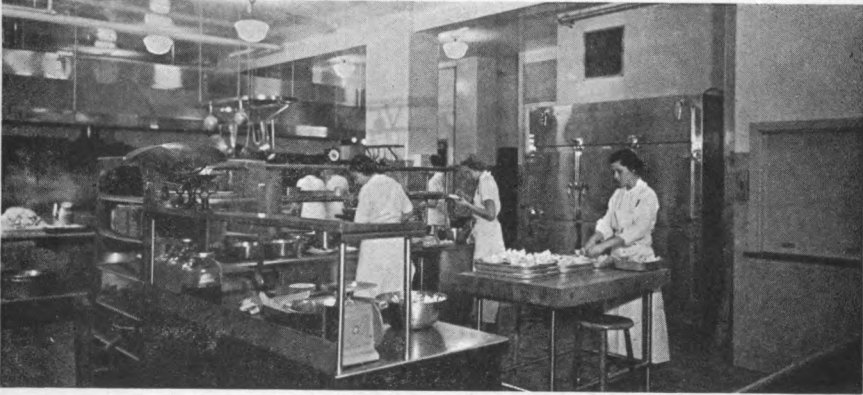
The rooms of the Department of Household Art are on the third and fourth floors and include laboratories for house planning and furnishing, studios for work in color, design, and handicrafts, and a small gallery for exhibits.

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.

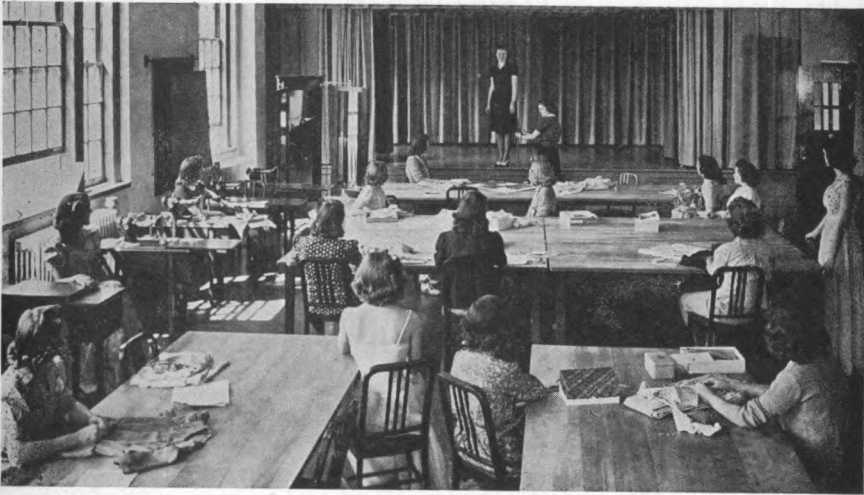
The Department of Institution Management occupies much of the lower part of the west wing of Martha Van Rensselaer Hall. The cafeteria dining rooms, tea room, and kitchens provide the teaching laboratories for the department.

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.

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 CAFETERIA KITCHEN



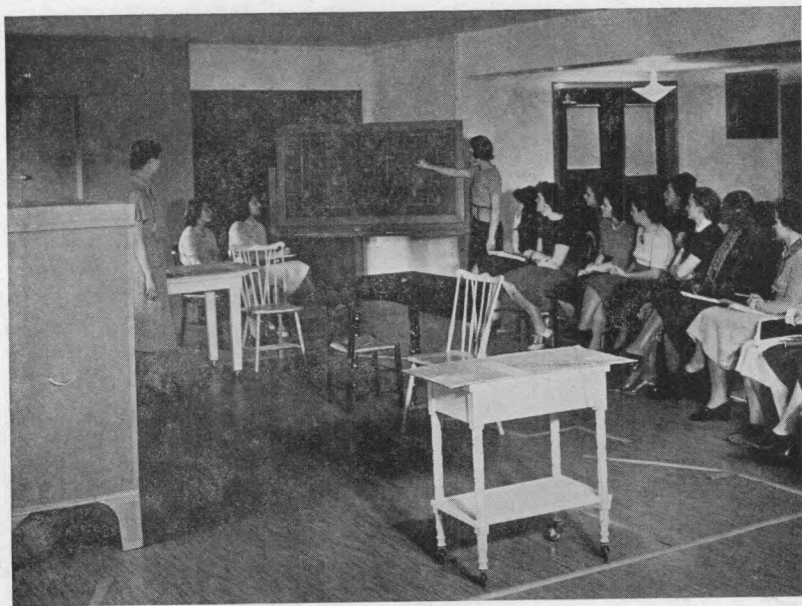
CLOTHING LABORATORY

Sophomore students in a clothing class studying the garments they have made, from the point of view of design and becomingness

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 to help students recognize and use intelligently the many resources available to them to accomplish their individual purposes. It aims also to help students to understand the relation between general economic conditions and economic problems of the



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 motions and lines of travel are studied to determine some of the ways in which unnecessary fatigue may be prevented by possible changes in that particular home



WORKSHOP

Students and parents use this shop for making inexpensive toys, equipment, and play materials for children to use at work and at play, in sickness and in health

home, and to provide a background for intelligent civic action in furthering human well-being.

The Department of Family Life offers experiences to give students an understanding of the various factors influencing human behavior and relationships. Courses deal with the health of the family, home care in accident, illness, and convalescence, the social and physical environment of the growing child, the psychological principles underlying the guidance of children, the significance of the relationships between various members of the family group, and preparation for marriage.

Observation of young children, and practical experience with them, is provided through the department's Nursery School and the homes of the nursery-school children, the federal nursery schools, and the play groups in the settlement houses. Laboratory practice is offered in simple technics of home nursing and in simple construction of homemade equipment for play and routine activities. Practice is given also in the skills of discussion through the small discussion groups which regularly supplement the class meetings in several of the courses.



CLASS DISCUSSION

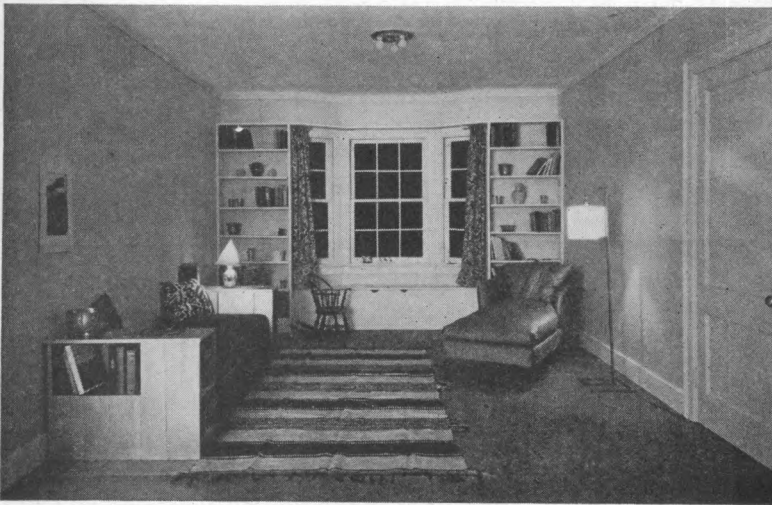
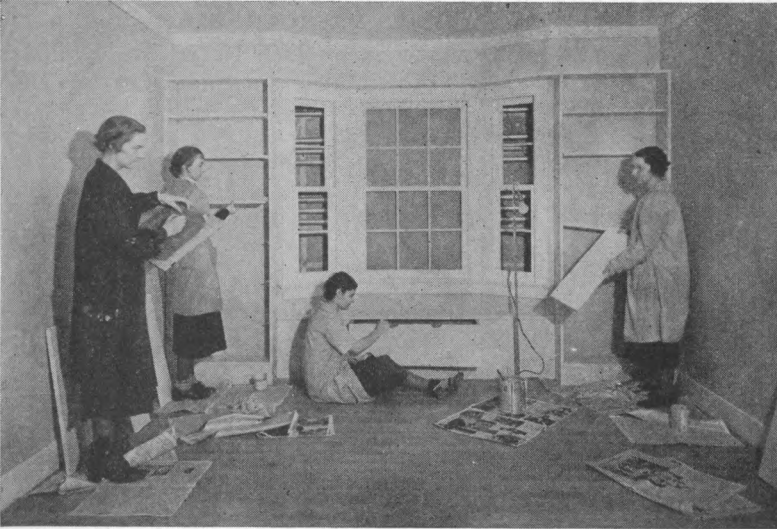
Men and women students exchange their points of view on the issues facing young people today in courtship and marriage



CHILD-HEALTH CLINIC

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

The Department of Foods and Nutrition aims to help students to translate into wholesome practices in daily living the knowledge which they gain in relation to food selection and preparation. It provides situations in which students may observe the food practices of indi-



ACTUAL ROOMS SET IN LABORATORIES IN HOUSEHOLD ART

viduals 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 color and design, applied design, house planning and furnishing, and housing from the standpoint of home economics. Through creative experiment and guided observation, the student develops a background of experiences that makes 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 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



THE GREEN ROOM

where approximately 1200 patrons are fed each day. They 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.

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



CLOTHING LABORATORY

Junior students in costume design working in various media

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."

The courses in Leadership in Home Economics are designed to give students opportunity to prepare for educational leadership in the homemaking programs of such agencies as the extension service, the public schools, the farm security administration, public health and social agencies, parent education, home-service departments of commercial companies, nutrition and consumer groups, and others requiring either volunteer or paid leaders. Students are given experience in working with groups in and near Ithaca, observing, planning, teaching, and cooperating with them in programs of homemaking education for adults and youth. In this they may re-organize and use subject-matter from the various departments of the College.

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 also is 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 freshmen week-end, and the freshman orientation courses, including a term of vocational orientation. Vocational counseling and placement are coordinate services. (See page 38).

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 others 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

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 four years (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). (See pages 7 and 8 of the *General Information Number* for subjects that may be offered as electives.)

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.

During April the Admissions Committee of the College interviews each applicant whose scholastic record meets the entrance requirements of the College. Letters are sent before the end of March announcing plans for interviews in 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 are found in the *General Information Number*, which will be sent on request to any address by the Secretary of the University, Morrill Hall. Every applicant for admission should obtain a copy of the *General Information Number*.

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 37. 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 Counselor of Students 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. Special students who hold a first degree from the New York State College of Home Economics will be charged \$12.50 a credit hour for courses taken in the non-state colleges.

ADMISSION OF GRADUATE STUDENTS

Graduate study leading to advanced degrees is offered in the departments of Economics of the Household and Household Management, Family Life, Foods and Nutrition, Institution Management, Textiles and 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 1942 are expected to report at the auditorium in Martha Van Rensselaer Hall on Thursday afternoon, September 24,

at two-thirty 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 Freshman Week-End. Students regularly assigned to dormitory rooms may go directly there. Students who have been given permission by the Counselor of Students 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 21 and 23.

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 University residences (freshmen and juniors in Prudence Risley and Anna Comstock Halls, sophomores and seniors in Balch Halls). Students who cannot be accommodated in these halls will live in University cottages. In these buildings the total cost of board, laundry, and rent of furnished rooms with heat and light is \$550. Dormitory facilities for women are adequate, and special permission to live elsewhere is granted by the Counselor of Students to new students only under exceptional circumstances. The Counselor of Students 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 upon admission to the College 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 allowed 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. The taking of such credit hours may not be reduced or deferred.

Students in home economics who are not exempt under these provisions are required to pay \$100 a term 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 \$7.50 a term is required, at the beginning of each term, of every student. In case of illness any student is admitted to the Infirmary and receives without charge a bed in a ward, board, and ordinary nursing, and medical care 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 28 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 graduate and 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 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 33 to 35.

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

Under the new schedule the University operates on a three-term basis of fifteen weeks for each term. The charge for board, room, and allowance of laundry in the women's dormitory is \$275 a term, payable in two equal installments. For the fall term, the first payment is due September 1 and the second payment on November 20. For the second term, payments are due on registration day and on March 20. For the summer semester or third term, payments are due on registration day and July 8.

Tuition is \$100 a term and this 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 her 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 her 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 traveler's 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. The expenses listed are exclusive of those for the summer session.

University expenses

REQUIRED:

All students

†Tuition (see page 21).....	
Room and board in dormitory* (see page 21).....	\$550.00
†Administration fee.....	10.00
†Infirmary fee.....	15.00
†Willard Straight membership.....	10.00
†Course fees (estimated average).....	50.00
†Books and materials (estimated average).....	50.00
†Physical-recreation fee.....	8.00
Total without tuition.....	\$693.00

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
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For seniors

Graduation fee.....	\$ 10.00
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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 Counselor of Students* 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 \$296 for the year is deducted from the total dormitory charge of \$550 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 Counselor of Students 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 Counselor of Students 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 1941 undergraduates were engaged in many camp jobs as counselors, dietitians, or assistant dietitians; in resorts as waitresses, cooks, clerical workers, hostesses; in families as general assistants; in tea rooms and cafeterias as general assistants; in department stores as salespeople; in offices as secretaries, stenographers, or clerical workers. Others worked as apprentices in the dietary departments of hospitals, an excellent opportunity for students who anticipate post-graduate training in hospital dietetics.

Fifty-four per cent of the students in the College worked last summer. Earnings varied with the length of period of employment and with type of job. Summer earnings range usually from maintenance only to \$250. Of 254 students reporting summer work in 1941, 135 earned \$100 or more. The average amount earned in the summer was about \$105.

It is hoped that earning money will not have to be a main consideration in all the summers a student is in college. Much valuable experience is to be gained from an apprenticeship in a field in which a student hopes to be employed later, but often such apprenticeships cannot be paid, inasmuch as the student does not yet have sufficient experience to make her valuable to the organization.

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*, and the *Widow* are 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 Radio Guild offers experience to a number of students.

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.

Phi Kappa Phi is a scholastic honor society 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.

Mortar Board is an honor society, membership depending on scholarship, leadership, and activities.

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 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.

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 39 to 43 of the *General Information Number*.

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

THE ANNA CORA SMITH FELLOWSHIP FOR RESEARCH

The Anna Cora Smith fellowship is awarded to a young woman for research in Home Economics. The research must aim to add to home-economics knowledge and to make all its teachings more useful both to the state and to the individual. The selection of candidates is made on the basis of fitness for research. While presumably the fellowship is awarded to graduate students, no limitation is imposed to prevent the committee from exercising its discretion in the selection of an undergraduate student. Application should be made at the Office of the Graduate School by March 1.

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 Brigden 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 1941-42 by Norah Pauline Partrick of the class of 1942.

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 1941-42 by Margaret Elizabeth Bull of the class of 1942.

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 held during the year 1941-42 by Margaret Bell Smith of the class of 1943.

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 1941-42 by Ruth Emma Cothran of the class of 1942.

THE MARTHA VAN RENSSELAER ALUMNAE SCHOLARSHIP

The Martha Van Rensselaer Alumnae Scholarship will be awarded for the first time in 1942-43, and thereafter is to be awarded annually.

The award is made to a member of the incoming sophomore, junior, or senior class who is an outstanding student. Other qualifications being equal, the student with the greatest financial need will be given preference. Applications should be filed at the office of the Secretary of the College by March 1.

Selection is to be made by the college scholarship committee and the scholarship committee of the Home Economics Alumnae Association.

THE BERTHA DUNCKEL DUFFY SCHOLARSHIPS

The New York State Daughters of the American Revolution offered for a number of years several 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 were awarded for 1941-42 to Alice May Popp of the class of 1942, to Janet Edith Pond of the class of 1943, and to Mildred Marie Horn of the class of 1944.

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 or, by freshmen, at the time of application for admission to the college. Not awarded for 1941-42.

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 1941-42 to Mary Elizabeth Whitaker of the class of 1942.

OMICRON NU SCHOLARSHIP

Omicron Nu offers two scholarships of \$75 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 1941-42 to Barbara Marie Sauer and Doris Ellen Fenton of the class of 1943.

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 1941-42 to Elizabeth Ardea Kandiko of the class of 1944.

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.

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, before June 1.

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 a student must be outstanding in scholarship and character and must be recommended by the teacher of homemaking in her particular high school. She must expect to prepare for teaching in New York City. Awarded for 1941-42 to Ruth Adelaide Henne of the class of 1945.

THE NEW YORK STATE BANKERS' ASSOCIATION SCHOLARSHIP

The New York State Bankers' Association scholarship was established in 1940 with provision for its continuation through 1944,

making \$150 available to an incoming freshman who is a 4-H Club member. Upon matriculation as a freshman \$75 is paid, and the remaining \$75 is paid at the beginning of the second semester.

The recipient, selected on the basis of scholarship, leadership, and financial need, must be a 4-H Club member, and must be in the group of students accepted as freshmen by the College of Home Economics. After acceptance, freshmen may obtain application blanks from the County 4-H Club office. These must be returned to the County office by August 1. Awarded for 1941-42 to Alice Anna Ross of the class of 1945.

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, and the scholarship holder of the previous year, 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 1941 was Julia Griswold Snell of the class of 1942.

The Danforth Girls' Scholarship is awarded annually to an outstanding freshman in Home Economics. Cornell is eligible to recommend 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 1941 to June Amy Darling of the class of 1944.

THE HOME ECONOMICS PUBLIC SPEAKING STAGE

The Home Economics Public Speaking Stage first came into being three years ago when an anonymous friend of the State Colleges offered a first prize of \$100 and a second prize of \$25 to encourage interest in public speaking, in the belief that young women should be able to express their ideas in public with ease and conviction. Speakers for the final contest, which is held during Farm and Home

Week, are chosen from the group of Home Economics students who participate in two preliminary contests.

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, 209 Morrill Hall.

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. Applications 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. Application is made through the Secretary of the College, on the recommendation of the class adviser.

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 Counselor of Students. For details regarding the use of loan funds students should refer to page 44 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 28 and 29 and January 29 and 30. 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. 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. 6, 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. It is wise to make up the examination as soon as possible, for obvious reasons, but two terms and a summer session are allowed.

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, she should get in touch with her adviser at once.

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.

GENERAL PROGRAM

"Program" is interpreted by the College to include all of the activities—academic, personal, social, and vocational—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.

Through the counseling service (page 16) the College attempts to help each student plan her program in accordance with her individual needs and interests, so that she will discover and find expression for her aptitudes, and prepare herself for a vocation as well as for home and community living.

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. The basic requirements for the degree are given on page 37.

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 freshmen during Freshman Week-End.

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 is advised to take some courses in other colleges of the University to gain as broad an educational background as possible. 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 studies: Economics, Government, History, Psychology, Sociology	12
<i>Group 2</i>	
Home Economics, minimum required hours	40
Beginning with the class of 1945, to include study in each of the following areas of homemaking: Economics of the Household and Household Management, Family Life, Foods and Nutrition, Household Art, Textiles and Clothing. Courses in <i>Group 2</i> should be chosen from those listed in this announcement on pages 45 to 61.	
<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 or English A, B	6
Hygiene 1 and 2	2
Physical Education	0
Total hours	120

Note: Agricultural Engineering 10 may be counted as Physics. Of the 10 hours of credit in **Foods and Nutrition 110** (page 49), 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*.

The **Interdepartmental Courses** may be counted toward the graduation requirement. **Social Science A, B, C, D** will count in *group 1 c*. **Human Growth and Development** will count as 3 hours in *group 1 a*, and 3 hours in *group 1 c*.

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.

AFFILIATIONS

THE MERRILL-PALMER SCHOOL

The College carries an affiliation with the Merrill-Palmer School in Detroit. Students interested in various phases of child development, social-service work with children, parent education, and so forth, may be selected to study there during one term of the senior year. 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 in Detroit, but pays \$100 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 catalog 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 various affiliated colleges, and towards a doctor's degree at Cornell.

THE NEW YORK HOSPITAL SCHOOL OF NURSING

Through an affiliation of Cornell University and the New York Hospital School of Nursing students may take a combined course, partly in New York City and partly in Ithaca, leading to the degree of Bachelor of Science in Nursing.

Certain courses taken at the New York Hospital may be accepted for credit toward the degree of Bachelor of Science in the College of Home Economics.

Information regarding such a combination of work in the two schools may be obtained from the class counselor. Announcement of the New York Hospital School of Nursing may be obtained by writing to Miss Bessie A. R. Parker, Director of the School of Nursing, 525 East 68th Street, New York City.

VOCATIONAL GUIDANCE AND PLACEMENT

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. The second semester of the freshman orientation course (page 60) deals with vocational openings for

women trained in home economics. Class meetings are held with seniors to discuss preparation and use of credentials, applications, letter-writing, and interviewing.

A series of vocational meetings open to all students in the College is held at intervals throughout the year under the auspices of the Home Economics Club and the Secretary's office. Members of the staff and outside speakers discuss fields of work and qualifications for them, the desirability of summer work and the opportunities for it. Further guidance is given by the class counselors and the Placement Secretary, through individual conferences.

Except for the teacher placements, which are centralized in the Bureau of Educational Service, the placement of Home Economics graduates is cared for in the office of the Secretary of the College, through the Placement Secretary. This office also sends out the credentials of graduates to prospective employers. Records of school-year, summer, and graduate employment and reports from employers on work success are kept in this office and included in the material sent out. The office also carries on a program of placement in summer jobs. (See page 26.)

Home economics gives a good background for a wide range of positions. These can be enumerated here in only brief outline. Graduates of this College are engaged in *business* as clerks, secretaries, home-economics advisers, managers of their own shops, clothing buyers, and as workers in various other merchandising positions; in *editorial, journalistic, and radio work* in connection with magazines or with the publicity departments of various organizations; in *teaching* in colleges, nursery schools, high schools, and specialized schools for the handicapped; as educational workers in the *extension services* (both junior and senior) of New York and other states and in various community programs for homemakers; 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 service* in welfare organizations, in religious education, in the Red Cross, in nursing and health occupations, in farm-security administration. A good many alumnae have gone on with graduate professional training, and a number of these are now holding such positions as *bacteriologists, chemists, physicians*, and so on.

VOCATIONAL PREPARATION

Students should consult the Class Counselor and the Placement Secretary for detailed information regarding qualifications and occupational opportunities. Several fields of work have definite preparation requirements. These are discussed in the following pages. Many fields do not have specific requirements. In all vocations much

must be learned on the job itself. Students who are fairly clear on their vocational aims can strengthen their preparation through related courses. Counselors work closely with students to help them plan in their programs subject-matter and supplementary work experiences in line with their vocational interests.

BUSINESS OPPORTUNITIES

Home economics offers a good background for a number of commercial occupations. Though there are some business opportunities available in the fields of applied arts, children's toys and books, most of them are in connection with foods, clothing, and the uses of various types of household equipment. Subject-matter preparation desirable for such positions varies widely and in many cases should be supplemented by carefully planned summer experiences and development of special skills.

JOURNALISM AND RADIO

Writing on college and university publications, writing and speaking in the university radio workshop, and similar experiences, together with various related courses, help to strengthen the preparation of girls interested to use their home-economics training in connection with these fields.

EXTENSION, SCHOOL, AND OTHER EDUCATIONAL POSITIONS

Extension Service includes the county positions of home-demonstration agents and 4-H Club Agents, and the state positions of specialists working in the various subject-matter fields and administration. Students wishing to prepare for this field of work should select courses in Leadership, Education, Extension Teaching, and Sociology, as well as in the various phases of Homemaking.

Local boards of education often employ one or more part-time home economists equipped to lead in *Adult Education* and to coordinate the work of various agencies.

Teaching in colleges, nursery schools, and schools for the handicapped usually presupposes specialized graduate study and often a year of internship. Teaching in secondary schools requires state certification (pages 40 and 41). Girls preparing for nursery-school work may have the opportunity to study in the senior year for a semester at the Merrill-Palmer School. (See page 38.)

PREPARATION FOR TEACHING HOME ECONOMICS

Students wishing to prepare for teaching home economics in the secondary schools are admitted to the professional courses required by New York State for teacher-certification after their records have been reviewed by a joint committee from the College of Home Economics and the School of Education. Consideration is given to scholarship, health, personality, and other qualities generally regarded as contributing success to the teaching profession.

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.

Cornell University offers both a four-year and a five-year pre-service program for teachers of home economics. Those who have five years of approved preparation will be granted a permanent state certificate. Those with 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.

THE FIVE-YEAR PROGRAM FOR SECONDARY SCHOOL TEACHERS*

This program is recommended for all prospective teachers of secondary school subjects. It is required of all prospective teachers of academic subjects who prepare at Cornell University to enter teaching in New York State after December 31, 1942. The general pattern follows:

Pre-Professional studies

Freshman year	
Social Science A and B.....	6 hours
(Freshman or sophomore year)	
Sophomore year	
Human Growth and Development.....	6 hours
<i>First selection of prospective teachers</i>	

Professional studies

Junior year	
100. Educational Psychology.....	3 hours
120. Social Foundations of Education.....	3 hours
<i>Second selection of prospective teachers</i>	
Senior year	
The Art of Teaching.....	10 hours
Academic subjects, Course 130	
Vocational Agriculture, Courses 131 and 132	
Home Economics, Courses 135 and 136	
<i>Final selection of prospective teachers</i>	
Fifth year	
200. Apprentice teaching.....	6 hours
210. Special Problem in Teaching.....	2 hours
220. Philosophy of Education.....	2 hours

(The first four years of this sequence satisfy the present requirements for certification in vocational agriculture and home economics.)

The remainder of the student's program will be made up of: (a) courses required by the college in which the student is registered; (b) courses in the field or fields in which she plans to teach; (c) courses helpful in developing understandings and appreciations of particular significance to teachers.

*From *Announcement of the School of Education*.

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, the following subject matter is suggested, adjustment being made according to individual background and needs:

Home Economics studies

Hours

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.	
Related sciences.....	12
This should include applied chemistry, applied physics, bacteriology, and physiology.	

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.

Information regarding the five-year program may be obtained from the office of the 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.

INSTITUTION MANAGEMENT

The Department of Institution Management offers vocational training for such positions in the field as are outlined on page 39. 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 December, 1941. 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:		Food preparation.....	6 to 8
General		To include:	
Organic		Experimental cookery	
Physiological		Meal planning	
Biology.....	6 to 13	Nutrition.....	6 to 8
To include:		To include:	
Human physiology and		Diet in disease	
Bacteriology			

<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
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.

PREPARATION FOR SOCIAL WORK

In cooperation with the Department of Rural Sociology an informal arrangement has been made whereby students may combine training in home economics with training for rural social work and, at the same time, obtain a background for graduate professional training. A suggested program has been evolved that will enable certain students to receive training necessary for some positions in four years. The courses in home economics are supplemented by work in rural sociology, social case work, and field practice. These courses are not designed to give full professional training which should be obtained in graduate schools of social work. Students interested should consult Miss Josephine Strode of the Department of Rural Sociology and the home-economics class adviser for more detailed information concerning recommended courses, and should consult the Placement Secretary concerning occupational opportunities which may be available to them.

GRADUATE ASSISTANTSHIPS

Graduate study will be found a valuable addition to the undergraduate training, in many instances. Information regarding graduate fellowships and assistantships available at various colleges and universities in work relating to home economics may be obtained from the Secretary of the College.

DESCRIPTION OF COURSES

In order to obtain 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. In connection with each department, therefore, is a statement of related departments in other Colleges. Students should acquaint themselves with the catalog descriptions of courses in these related departments.

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.

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

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

Courses in other colleges of the University that are related to the work in Economics of the Household and Household Management are found in Economics, Agricultural Economics and Farm Management, Government, Sociology, Agricultural Engineering, and Industrial Engineering.

130. Economic Conditions in Relation to the Welfare of Families. Either term. Credit three hours. Open to undergraduate and graduate students. 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 changes in our economy occurring in war-time. Fee, \$2.50.

160. Marketing Problems from the Consumer's Viewpoint. Either term. Credit three hours. Open to undergraduate and graduate students. M W 11, F 11-1. Room 121. Assistant Professor ROLLINS.

The contribution that can be made by an efficient marketing system toward a high level of consumption for our people. Quantity, quality, and variety of supplies available in relation to the level of living of the families of the country and to management in their homes. The various services performed in moving goods from the source of production to the places where they are used, and the costs of these services. The rôle of prices in distribution. Buying practices of consumers as they bear on marketing costs. Problems in standardization of goods. The part that can be played by the government, business associations, and private agencies and organizations in improving marketing practices, and action that has been taken by these groups. Visits to several marketing agencies. Fee, \$5.

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

310. Management in Relation to Family Living. Either term. Credit three hours. For juniors, seniors, and graduate students. Graduate students should consult the instructor before registering. First term, M 2, W F 2-4.20; second term, M 2 and T Th 2-4.20 or W F 2-4.20. Room G 19. Associate Professor CUSHMAN and Miss McKEEVER.

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, with the resources available, to achieve their individual purposes. Cooperation with families and other groups in the study of tasks. Development of trial work centers set up with portable equipment to help in determining 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. Management in Relation to Household Equipment. Either term. Credit three hours. Prerequisites, Agricultural Engineering 10 or the equivalent, and Economics of the Household 310. For juniors, seniors, and graduate students. M W F 9-11. Room G 19-A. Miss KNOWLES.

The management involved in selection, care, use, and repair of household equipment. Variation in types and quality in relation to individual situations. Discussion with homemakers, manufacturers, distributors, engineers, and others. Trips to Ithaca homes where certain equipment is being used, to commercial agencies where various equipment will be demonstrated, and to factories. Fee \$10, including transportation for trips.

330. Management in Relation to Personal Finances. Either term. Credit three hours. For juniors, seniors, and graduate students. T Th 2-3.30. Room 121. Doctor AIKEN.

The relation between financial management and other management problems; outside economic conditions as they bear on the management of personal finances; factors influencing real income; efforts that individuals can make toward attaining financial security; important considerations in a savings program and in an investment program; policies in borrowing, sources of credit, availability and charges of lending agencies; financial records and statements helpful in managing. Fee, \$2.50.

400. Review of Research in Management. First term. Credit two hours. For advanced students in home management. Prerequisite or parallel, Economics of the Household 310. The instructor should be consulted before registering. F 9-11. Room G 19. Associate Professor CUSHMAN.

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

410. Economic Problems of Families. Second term. Credit two hours. The instructor should be consulted 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.

415. Problems in the Distribution of Consumers' Goods. Second term. Credit two hours. Prerequisite, Economics of the Household 160 or the equivalent. The instructor should be consulted before registering. F 2-4. Room 124. Assistant Professor ROLLINS.

Analysis of some of the important problems in distribution. Practice in locating and using sources of data bearing on marketing problems. Discussion of contributions from research in marketing. Fee, \$3.

420. Seminar. Either term. For graduate students. T 4.15. Room 114. Department staff.

FAMILY LIFE

Courses in other colleges of the University that are related to the work in Family Life are in Growth and Development, Mental Hygiene, Psychology, Education, Anthropology, and Sociology.

100. The Home and the Family. Survey course. Either term. Credit two hours. Requirements: two discussion periods and one hour of observation weekly, in

the Nursery School, nearby homes, public schools, or settlement houses, to watch children of all ages. Observation schedule is arranged after the first lecture period. Assistant Professor WOODRUFF.

First term. Discussion: T Th 8 or 9. Amphitheatre.

Observation: changes every 3 weeks; keep free one hour during the week at 9 or 10; one hour at 11; and one hour at 2 p.m.

Second term: Discussion: T Th 9. Room 124.

Observation: same as above.

The purpose of this course is to help students appreciate many of the ways in which experiences and environments may be planned to bring about wholesome, rich, and satisfying living for all members of the family. The changing needs of growing children in a democratic society are especially emphasized. Fee, \$5.

110. Health of the Family. First term. Credit three hours. Designed for freshmen and sophomores. M W F 11. Amphitheatre. Dr. BULL and Assistant Professor PEABODY.

Brief survey of some of the factors that make for healthy living in the individual family. Consideration is given to the founding of a healthy family; essentials for normal prenatal period; factors in growth, development, and maintenance of health in the young child and adolescent; some health conditions in adult life that affect the family group; a brief survey of community hygiene as it affects the family and the home. Fee, \$5.

120. Home Nursing. Either term. Credit one hour. M T or W 2-4. Room G 22. Assistant Professor PEABODY.

The home adaptation of hospital facilities and care; signs of illness and ways of caring for the patient in mild and chronic illness and convalescence; the care of emergencies until the doctor comes; care of a patient who is seriously ill if the members of the family work under the supervision of a visiting nurse. Fee, \$3.

130. Experience with Children. Either term. Credit two hours. For selected freshmen and sophomores. Time to be arranged. Assistant Professor REEVES and Miss OLESEN.

140. Creative Materials in Child Development. 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 and either a 10 or 2 o'clock hour for observation. Professor FOWLER, Assistant Professors REEVES and WOODRUFF and Miss OLESEN.

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. Literature for Children. Second term. Credit two hours. Lecture and discussion, M W 2. Room 121. Assistant Professor REEVES.

The appreciation of literature for children. Reading aloud, discussion, and experience in writing and telling stories. Fee, \$3.

210. Principles of Child Guidance. Either term. Credit three hours. Advised for teachers and extension workers. Prerequisite or parallel, a course in educational psychology and a course in psychology of childhood and adolescence, or the equivalent. Lectures and discussion, M W F 8. Room 121. Weekly observations in the Nursery School planned at several of the following hours: 9, 10, 11, and 2. Professor WARING and Assistant Professor REEVES.

Detailed study of an individual child in the Nursery School. Aspects of behavior—routine and creative, individual and social—related in a total pattern of personality. Guidance as it influences the growing self. Fee, \$5.

260. 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.

This course aims to help the student understand how personality development

takes place in the family setting and the ways in which each member of the family relates himself to the family experience at each stage of his development. Fee, \$5.

270. Marriage. Second term. Credit three hours. Open to juniors and seniors by permission of the instructor. M W F 9 or 11. Room 124. Professor ROCKWOOD, Dr. BULL, and Assistant Professor PEABODY.

The individuality of the marriage relationship; affectional maturity and its relation to dating, courtship, mate-choosing, engagement, and marriage adjustment; achievement of heterosexuality; predicting success or failure in marriage; legal qualifications; hereditary and health factors; sexual adjustment; fertility and sterility; child spacing; marriage interaction; financial planning and economic adjustment; women's ambitions and marriage adjustment; physical, psychological, and economic aspects of pregnancy and childbirth; the coming of the child and the family routine. Fee, \$5.

300. Special Problems. Either term. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department and the instructor in charge for independent, advanced work not otherwise provided in the department. Fee determined by the problem.

[**310. Woman and the Family.** Second term. Credit two hours. Open to juniors and seniors.] Not given in 1942-43.

330 a, b, c. Participation in the Nursery School. Either term. Credit three or four hours each section. *a.* Junior Nursery School, Assistant Professor REEVES; *b.* Senior Nursery School, Miss OLESEN; *c.* Federal and Settlement Nursery Schools, Professor FOWLER. Open to a limited number of seniors and graduate students by permission of the instructor. Prerequisite or parallel, Family Life 210. Family Life 140 strongly advised.

Laboratory hours arranged individually, thirty for each hour of credit; distributed throughout the term. Conference hour for each section with the teaching staff as follows: *a.* T 12, Room 301; *b.* T 12, Senior Nursery School; *c.* Time and place to be arranged.

Observation and study of young children in the Nursery School and in their homes. Participation in their care and guidance. Some experience in planning a child-activity program and in cooperating with staff and parents concerned. Fee, \$7.50 a section.

[**340. Principles of Child Guidance, Advanced Course.** Second term. Credit three hours. Prerequisite, Family Life 210. 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. Given in alternate years. Not given in 1942-43.

350. 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.

400. The Home and the Family. First term. Credit three hours. Graduate section of Family Life 100. Open to graduate students with adequate training in Family Life. Attendance at lectures and discussions of Family Life 100. T Th S 9. Amphitheatre. Professor FOWLER and Assistant Professor 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 G 29. 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. Principles of Child Guidance. Either term. Credit three hours. Graduate section of Family Life 210. 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. Detailed study of an individual child in the Nursery School. Fee, \$5.

430. Research in Family Life. Either term. For graduate students who are actively engaged in research or in special studies in Family Life. Credits vary according to the nature of the problem. Professors WARING and ROCKWOOD and Miss FORD.

[**440. Seminar—The Family.** Throughout the year. Credit two hours.] Not given in 1942-43.

460. Family Relationships and Personality Development. First term. Credit three hours. Graduate section of course 260. Professor ROCKWOOD. M W F 9 or 11 and T 2-4. Room 124. In addition to attending the undergraduate class sessions of Family Life 260 on M W F, graduate students meet separately for two hours weekly. Fee, \$5.

470. Marriage. Second term. Credit three hours. Graduate section of course 270. Professor ROCKWOOD, Dr. BULL, and Assistant Professor PEABODY. M W F 9 or 11 and T 2-4. Room 124. In addition to attending the undergraduate class sessions on M W F, graduate students meet separately for two hours weekly. Fee, \$5.

FOODS AND NUTRITION

Courses in other colleges of the University that are related to the work in Foods and Nutrition are in Animal Nutrition and Animal Husbandry, Bacteriology, Biology, Physiology, Chemistry, Dairy Industry, Vegetable Crops, and Floriculture. For many, electives from Agricultural Economics, Physics, Journalism, or Public Speaking may be helpful, according to the work the student hopes to do later.

100. Food Preparation in Relation to Meal Planning. Second term. Credit three hours. Limited to eighteen students. Lecture, Th 9. Room 339. Laboratory, M W 2-4.30. Room 361. Mrs. FOSTER.

A beginning course in food preparation and buying in relation to meal planning and service. For students with no previous training in food preparation. *Not to be taken parallel to second term of course 110 nor after course 110.* Fee, \$18.

110. Science Related to Food Preparation. Throughout the year. Credit five hours a term (four hours, Foods; six hours, Chemistry.) (See also courses 210 and 310.) Lecture, M F 9. Amphitheatre. Discussion, W 9. Rooms 339, 3M13, G 62, and Amphitheatre. Laboratory: first term, M W 10-12 or 2-4, T Th 8-10, 11-1, or 2-4; second term, M W 10-12.20 or 2-4.20, T Th 8-10.20, 10.30-1, or 2-4.20. Rooms 353, 356, and 358. Professor PFUND and Misses BOGGS, CARLIN, and McCOMB.

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, texture, and nutritive quality 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 Biochemistry 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. Food Preparation. Either term. Credit three hours. Required of students registered in hotel administration. Mrs. MEEK, Mrs. SAYLES, and _____. (For description, see *Announcement of the Course in Hotel Administration.*)

130. Nutrition. Either 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 (second term), M F 9, W 8-10. Room 426. Associate Professor BRUCHER.

A general course in the principles of normal adult nutrition; choice and use of food for achieving and maintaining optimum health, with emphasis on practical food-selection problems of individuals and application to selection of adequate diets at different cost levels. For students with less science preparation than required for course 230. Fee, \$6.

190. Nutrition and Health. First term. Credit one hour. Designed primarily for students outside the College of Home Economics who have had no previous course in human nutrition. T 12. Amphitheatre. Associate Professor BRUCHER.

A beginning course in the principles of nutrition with emphasis on the nutrition of normal adults; choice and use of food for achieving and maintaining health. Fee, \$1.

200. Meal Planning and Preparation. Either term. Credit three hours. Prerequisite Foods 110 or 210 and some work in nutrition. Limited to eighteen students in a section. Lecture, M 9. First term, Room 3M13. Second term, Rooms 339 and 3M13. Laboratory: first term, M W or T Th 10-12.30, Room 361; second term, M W or T Th 10-12.30 or T Th 11-1.30, Rooms 358 and 361. Associate Professor FENTON and Mrs. FOSTER.

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. Trip to Onondaga Pottery Company and to Oneida Silver Company. Approximate cost of trip, \$2. Fee, \$18.

210. Food Preparation: Principles and Comparative Methods. First term. Credit four or five hours. Limited to eighteen students. Prerequisite, General Chemistry. Students who have had Organic Chemistry may register for five-hours credit. Not to be elected by students who have had Foods and Nutrition 110. Lecture, T Th 9, and F 9, if registering for five-hours credit. Room 339. Laboratory, T Th 2-4.20. Room 361. Associate 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 and fruits; heat penetration and hydrogen ion in canning; crystallization in candies and ice creams and quick-frozen foods; principles of meat cookery and changes in nutritive values during cooking; 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. Food Preparation, Advanced Course. Either 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. Nutrition. Second term. Credit five hours. Prerequisite, Foods and Nutrition 110 or 210, Human Physiology 303 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. Food Preparation, Advanced Course. Second term. Credit three hours. Prerequisite, Foods and Nutrition 100, 110, or 210. Lecture, M 10. Room 3M13.

Laboratory, M W or T Th 2-4.20. Room 352. Assistant Professor BOYS and Mrs. FOSTER.

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. Fee, \$18.

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

305. Food Demonstrations. First term. Credit one hour. Limited to ten students. Registration with permission of the instructor. F 8-10.30. Room 361. Mrs. FOSTER.

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. Science Related to Foods, Advanced Course. Throughout the year. Credit for lectures two hours a term. (Laboratory by recommendation, 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.

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. 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, W 8. Room 343. Laboratory M F 8-11. Room 358. Miss MILLER.

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

A study of diet in those diseases such as fevers, gastrointestinal disturbances and diabetes, in the treatment of which choice of food is important. Fee, \$6.

340. Family Nutrition, with Special Emphasis on Child Feeding. Either 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. Professor MONSCH and Mrs. WATSON.

Laboratories:

A. *Infant Feeding.* Limited to twenty students. Th 2-4. Room 426.

B. *Feeding of Pre-school Children.* Limited to ten students in each section. W 10-12.20 or 2-4.20. Room 301.

C. *Feeding of School Children.* Limited to ten students. F 2-4.20. Room 301.

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. Nutrition, Advanced Course. First term. Credit two hours. Registration by permission of the instructor. Discussion, T Th 9. 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. Research in Foods and Nutrition. Either term. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professors MONSCH, MAYNARD, McCAY, PFUND, and HAUCK, Associate Professor FENTON, and Assistant Professor HATHAWAY.

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

420. Seminar in Foods and Nutrition. Either term. Credit one hour each term. Emphasis on foods first term and on nutrition second term. Required of graduate students specializing in Foods and Nutrition. Hours to be arranged. Room 301. Professors PFUND and HAUCK, Associate Professor FENTON, and Assistant Professor HATHAWAY. 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

Courses in other colleges of the University that are related to the work in Household Art are in the following colleges:

Architecture: Courses in Drawing, Painting, Composition, Color; History of Architecture, of Landscape Design, of Painting and Ornament; Architectural and Landscape Design; Housing, Community Planning.

Arts and Sciences: Courses in the History of Art, of Painting and Sculpture, of Greek and Roman Life; the Literature and History of various periods including the modern; Aesthetics, Music, Stage Design, and Theatre Crafts.

Agriculture: Courses in Drawing, Floriculture, Botany, Agricultural Engineering.

100. Color and Design. Either term. Credit two hours. Limited to twenty students in a section. First term: W F 11-1, W F 2-4 (2 sections), T Th 8-10; second term: W F 11-1, W F 2-4, T Th 8-10. Rooms 327 and 318. Miss TRUE and Assistant Professor ERWAY.

A study of the basic principles of color and design through laboratory experiment using various media. Lectures, reading, and art-gallery observations.

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. Applied Design. Either term. Credit two hours. First term, T Th 11-1; second term, M W 10-12. Room 318. Assistant Professor ERWAY.

A course to develop creative ability and broaden the students' field of interest through the application of art principles. Experimentation with materials, and processes such as dyeing, modeling, block-printing, spatter-printing, weaving, and stitchery. Cost of materials variable, minimum \$2. Fee, \$7.50.

120. Home Furnishing. Either term. Credit three hours. Limited to twelve students in each section. First term: lecture-demonstration, T 10; laboratory, T Th 11-1 or 2-4; second term: lecture-demonstration, M 3 or T 10; laboratory, M W 9-11, T Th 8-10, 11-1, 2-4, W F 2-4. Room 408. Professor MORIN, Miss HUPP, and _____.

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 experi-

ments. Through this course the student should develop an awareness of the fundamental considerations involved in furnishing a house for the pleasure and comfort of the family. Fee, \$10.

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

140. House Planning. Either term. Credit three hours. T Th 8-10 (first term), 2-4; and one laboratory to be arranged. Room 3M14. Professor MORIN and Miss CHADEAYNE.

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 and Miss ———.

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. Appreciation of Everyday Art. Painting and Allied Subjects. First term. Credit one hour. Th 10. Room 317. Given in alternate years. 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. Fee, \$3.75.

170. Appreciation of Everyday Art. Applied Design. Second term. Credit one hour. Th 10. Room 317. Given in alternate years. Assistant Professor ERWAY.

The evolution of home crafts from prehistoric times to the present; art principles in design as applied to these crafts and their contemporary use in home occupations, hobbies, industry, and therapeutics. Fee, \$3.75.

[180. Appreciation of Everyday Art. Domestic Architecture. First term. Credit one hour. Given in alternate years.] Not given in 1942-43.

A general survey of domestic architecture in America, from its beginning to the present time. Fee, \$3.75.

[190. Appreciation of Everyday Art. Interior Design. Second term. Credit one hour. Given in alternate years.] Not given in 1942-43.

A study of the furnishings and decoration of some of the interesting houses in this country. Fee, \$3.75.

200. Studio Course in Advanced Color and Design. Second term. Credit two hours. Prerequisite, Household Art 100. Limited to fifteen students. T Th 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.

215. Applied Design. Either term. Credit two hours. Prerequisite, Household Art 100 or previous experience in applied art. M W 8-10 (first term), or T Th 2-4. Room 318. Assistant Professor ERWAY.

Application of art principles to the making of simple accessories for the individual, a girl's room, or the home; learning how to achieve beauty through utilizing old or inexpensive materials. Cost of material variable, minimum \$2. Fee, \$7.50.

220. Home Furnishing. Either term. Credit three hours. Prerequisite, House-

hold Art 100 and 120 or consent of the instructor. Lecture-demonstrations and laboratory, M W F 11-1. Room 408. Miss HUPP and _____.

A continuation of Household Art 120. Individual experiments in furnishing problems of the small- and medium-sized home with consideration for budget limitations. 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. Sources, bases of selection and purchase of furniture, textiles, and other furnishings. Fee, \$11.25 (includes cost of transportation for short trips in this course).

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

320. **Home Furnishing.** First term. Credit two hours. Registration on permission of the instructor. M 2-4 and two additional hours to be arranged. Room 408. Professor MORIN, Miss HUPP, and _____.

Continuation of Household Art 220. A broader and more detailed study of home furnishing than is offered in 220, coordinating in advanced problems the principles developed in preceding courses. As fully as time permits, opportunity is given prospective teachers and extension workers to prepare demonstration material. Cost of materials and trips variable, minimum \$3. Fee, \$7.50.

400. **Seminar.** Either term. Credit one hour. Time to be arranged. Department staff.

INSTITUTION MANAGEMENT

Courses in other colleges of the University that are related to the work in Institution Management are in Psychology and Education (including personnel administration and methods of teaching); Hygiene (including industrial hygiene and mental hygiene); Economics; Pomology; Dairy Industry; Vegetable Crops; Animal Husbandry; Agricultural Engineering; Chemistry (including biological and food chemistry).

100. **Institution Food Service.** Either 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, October 1 through and including November 18 *for upperclassmen*; second block, November 19 through and including January 20 *for freshmen*. Second term: first block, February 1 through and including March 24 *for freshmen*; second block, March 25 through and including May 15 *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. Associate Professor BURGOIN.

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 1200 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. White uniforms and hair nets are required, beginning with the first laboratory schedule. Fee, \$5.

200. **Quantity Food Preparation, Elementary Course for Hotel Students.** Either term. Credit two hours. For students in hotel management who do not have a major interest in food work. Prerequisite, Foods and Nutrition 220 or equivalent experience. Miss _____. (For description, see *Announcement of the Course in Hotel Administration*.)

210. **Quantity Food Preparation: Principles and Methods.** Either term. Credit

four hours. For students in hotel administration. Prerequisite, Foods and Nutrition 220, or equivalent experience. Mrs. LEAHY. (For description, see *Announcement of the Course in Hotel Administration.*)

220. Food Selection and Purchase for the Institution. Either 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 is suggested to precede, and Animal Husbandry 92 to precede or parallel, this course. Lectures and discussions, T 9, Th 9-11. Room G62. Professor HARRIS.

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 16 and 17, April 16 and 17 inclusive. Fee for materials and trip expenses (not including meals or lodgings), \$6.

230. Quantity Food Preparation: Principles and Methods. Either 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. Should parallel Institution Management 220. Discussion, M 9. Room G62. Practice, WF 8-1.30. Room G62 and Cafeteria. Miss NEIDERT.

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. White uniforms and hair nets are required, beginning with the first laboratory schedule. Fee, \$12.

Tea Room and Cafeteria Accounting. (*Hotel Accounting 240*) Either term. Credit three hours. Recommended for the junior year in connection with course 220. First term: lecture, T 8, Room 3M13; practice, W F 2-4.20, Warren 340. Second term: lecture, T 8, Room 121; practice, T 10-1 and Th 11-1, Warren 340. 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.

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

310. 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 230 and 240. Prerequisite or parallel, Foods and Nutrition 130 or 230. Lectures and discussion, M 2-4, S 9. Room 121. Assistant Professor 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. 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 339. Professor HARRIS and Assistant Professor ROBERTS.

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, March 19 and 20 inclusive. Fee for materials and trip expenses (not including meals or lodging), \$6.

330. Quantity Food Preparation and Catering, Advanced Course. Either 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 or 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). Discussion, Room G62; laboratory, Green Room. Assistant Professor 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. White uniforms and hair nets are required, beginning with the first laboratory scheduled. Fee, \$8.

Restaurant Cost and Sales Analysis. (*Hotel Accounting 340*) Second term. Credit two hours. Prerequisite, Institution Management 230. Lecture, T 8. Room 3M13. Practice, F 11-1. West Bailey. Assistant Professor CLADEL and assistants.

An elementary course in food and beverage cost accounting, to acquaint the student with typical costs per dollar sale, inventory control, and food and beverage revenue control in establishments of varying size. Fee, \$3.

400. 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 Associate Professor BURGOIN.

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. Seminar in Institution Organization and Administration Problems. Credit one hour each term. For graduate students with adequate training in institution management. Professor HARRIS. Fee, \$1.

TEXTILES AND CLOTHING

Courses in other colleges of the University related to the work in Textiles and Clothing are in Marketing, Prices and Statistics, Labor and Industrial Relations, Chemistry, Chemical Microscopy, Dramatic Production, the Fine Arts, Aesthetics, Public Speaking, and Journalism.

The field of Textiles and Clothing naturally divides into scientific and art phases. It opens many possibilities to those students who wish to use clothing in a general and aesthetic sense for their personal and family development, to those who have a well-defined vocational aim, and to those who anticipate advanced study.

100. Introduction to Clothing Selection and Construction. Either term. Credit two hours. Each section limited to twenty students. Associate Professor SCOTT and Assistant Professors HUMPHREY and BUTT.

First term:

M W	8-10	Mrs. BUTT	Room 215
M W	2-4	Mrs. BUTT	Room 217
M W	11-1	Miss HUMPHREY	Room 215
W F	2-4	Miss HUMPHREY	Room 215

Second term:

T Th	2-4	Miss SCOTT	Room 217
W F	11-1	Miss SCOTT	Room 217
W F	2-4	Miss HUMPHREY	Room 215

A course concerned with the selection of colors, lines, textures, and designs suitable for each student, and with the construction of a 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 \$5 to \$15. Fee, \$5.

110. Clothing Construction. Either term. Credit three hours. Suggested for sophomores. Each section limited to twenty students. Associate Professor SCOTT and Assistant Professors HUMPHREY and BUTT.

First term:

M W F	9-11	Miss SCOTT	Room 217
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	11-1	Miss HUMPHREY	Room 215

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 or T 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, \$1.

130. Textiles: Clothing Fabrics. Either term. Credit two hours. Each section limited to twenty students. Associate Professor SCOTT, Assistant Professors BUTT and HUMPHREY, and Miss JONES.

First term:

T Th	9-11	Miss SCOTT	Room 216
T Th	2-4	Mrs. BUTT	Room 213

Second term:

W F	11-1	Miss JONES	Room 278
W F	11-1	Mrs. BUTT	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, \$3.50. Fee, \$5.

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

200. Fitting and Pattern Making: Flat-Pattern Work: Modeling. Either term.

Credit three hours. Prerequisites, Textiles and Clothing 100 and 110 or the equivalent. Each section limited to twenty students. Associate Professor SCOTT and Assistant Professors HUMPHREY and _____.

First term:

T Th	8-11	_____	Room 215
T Th	2-4.45	Miss HUMPHREY	Room 215

Second term:

T Th	8-11	Miss SCOTT	Room 217
T Th	2-4.45	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.

205. Clothing of the Family. Either term. Credit two hours. Prerequisite, Textiles and Clothing 100 or its equivalent. Primarily for students interested in family life, teaching, and social work. Laboratory and field practice. First term, T Th 2-4; second term, M W 2-4. Room 217. Associate Professor SCOTT.

A course to help students gain practical experience in meeting clothing problems of families, with special emphasis on the clothing needs of growing children. Visiting homes to study clothing problems. Practice in selection and construction, make-over and repair, care, and refurbishing. Fee, \$5.

210. Dress Design. Either term. Credit two hours. Each section limited to sixteen students. Prerequisite, Textiles and Clothing 100. Especially valuable for students intending to teach. May be elected by students from other colleges in the University with experience acceptable to the instructor. First term, M W 2-4; second term, M W 2-4 or T Th 9-11. Room 216. Assistant Professor _____.

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 \$15. Fee, \$5.

220. Commercial Clothing and Advanced Problems in Construction. Either 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. Misses BROOKINS and SCHMECK.

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. Second term. 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 JONES.

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

310. Household Textiles. Either term. Credit two hours. For upperclassmen and graduate students. T Th 9-11. Room 278. Professor BLACKMORE.

A study of the 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. Identification of fibers and physical testing of 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, December; 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. Problems in Buying Clothing. Either term. Credit three hours. For juniors, seniors, and graduate students. M W F 11-1. Room 216. Assistant Professor

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; 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. Fee, \$8, covers transportation but not other expenses on trip.

400. Dress Design, Advanced Course. Second term. Credit three hours. Prerequisite, Textiles and Clothing 200 and 210, or their equivalent. For graduate students and upperclassmen. T Th 2-4.45. Room 216. Assistant Professor ———.

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 \$25. Laboratory fee, \$5.

410. Seminar in Textiles. Either term. Credit one hour. Prerequisite or parallel, course 310. Open to graduate students by permission of the instructor. Hours to be arranged. Professor BLACKMORE.

430. Seminar in Textiles and Clothing. Second term. One hour by arrangement. For graduate students. Room 216. Department staff.

ORIENTATION

100. Orientation. First term. Credit two or three hours (depending on whether or not laboratory is taken). Lecture, T 10, Amphitheatre; discussions, M W 10, M F 11, T Th 11, Th F 10, Rooms 121, 124, 339; laboratory, T 8-10, Th 9-11, F 10-12 or 2-4 (all students taking laboratory must keep Thursday at 10 o'clock open for special lectures and demonstrations). Room 213. Laboratory limited to twenty in a section. Lectures and discussion, Associate Professor RHULMAN, Assistant Professor FAILING, Miss MCKEEVER, and others. Laboratory, Assistant Professor 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: \$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).* Discussion, T Th 11, Room 339; laboratory, M or T 2-4 (all students taking laboratory must keep Monday at 3 o'clock open for special lectures and demonstrations). Room 213. Lectures and discussion, Associate Professor RHULMAN, Assistant Professors FAILING and STOCKS, and others. Laboratory, Assistant Professor 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: \$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.

HOMEMAKING APARTMENTS

[100. **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.] Not given in 1942-43.

300. 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.

LEADERSHIP IN HOME ECONOMICS

Communities are looking increasingly to trained home economists for leadership, in programs of homemaking education for adults as well as young people. Home economists, therefore, need training and experience in planning and leading in educational programs, and in cooperating with agencies concerned. These courses are designed to meet such needs for public-school teachers, extension workers, volunteer community leaders, nutritionists, public-health and social workers, farm-security supervisors, parent educators, home service workers, teacher-trainers, supervisors of homemaking programs, county leaders, members of program-planning and advising committees for homemaking education on emergency and permanent bases, and others who lead in out-of-school educational programs in homemaking.

300a or b. Special Problems. Either term. Credit two hours. Open to a limited number of students in home economics. M F 12. Room 301. Professor EDDY.

Study of a problem selected from the field of the student's major interest, or another field of particular interest to her, in the light of the available resources of the community (people, organizations, business). Discussion in class of the progress of the investigations in order that students may become familiar with a

*Students wishing the laboratory only in the second term should register for Textiles and Clothing 120.

wide range of problems and of possible community contacts. Individual conferences with instructor.

330. Educational Leadership in Homemaking: Organization and Policies. (*Rural Education 134b.*) Second term. Credit three hours. Primarily for juniors and seniors. Discussion, M W F 11. Room 3M13. Field work and conferences require 45 hours outside of class time. Field work may be blocked by arrangement with the instructor. Assistant Professor HENDERSON.

A study of extension, adult education through the public schools, and a few other public programs of out-of-school homemaking education; the principles, purposes, laws, and history underlying their present practices and policies; their resources and possible future developments; professional-leadership jobs within these organizations; ways they cooperate in planning programs, promoting interest, developing lay leaders, and sharing resources and responsibilities in administration and teaching. Observation of out-of-school teaching, administrative activities, offices and equipment; conferences with professional and lay leaders near Ithaca. Estimated expenses of trips, \$8. Fee, \$5.

340. Educational Leadership in Homemaking: Program Planning and Methods. (*Rural Education 134c.*) First term. Credit three hours. Open to a limited number of upperclass students, preferably those who have had Leadership 330 or comparable experience. Enrollment by permission of the instructor. Discussion, M W F 11. Room 3M13. Field work and conferences require 45 hours outside of class time. Field work may be blocked by arrangement with the instructor. Assistant Professor HENDERSON.

An opportunity for each student to lead a community group in planning and carrying through a program of homemaking improvement. Personal conferences, group discussion, and independent analysis of her own and observed teaching will aid the student in clarifying and attacking her own problems in adult leadership. Observation of, participation in, and conferences with professional leaders of adult classes near Ithaca. Evaluation of existing programs and teaching procedures in relation to purposes. Discussion of principles of learning, factors and procedures in program building, the development of lay leaders, and problems and educational needs of families. Estimated expenses of trips, \$8. Fee, \$5.

350. Individual Problems in Educational Leadership in Homemaking and Family Life. Either term. Credit and hours to be arranged. Open to a limited number of upperclass and graduate students. Fee to be determined. Assistant Professor HENDERSON.

430. Educational Leadership in Homemaking: Organization and Policies. (*Rural Education 134b.*) Second term. Credit three hours. Graduate section of Educational Leadership 330. Discussion, M W F 11. Room 3M13. Field work and conferences to be arranged. Assistant Professor HENDERSON.

440. Educational Leadership in Homemaking: Program Planning and Methods. (*Rural Education 134c.*) First term. Credit three hours. Graduate section of Educational Leadership 340. Discussion, M W F 11 and to be arranged. Room 3M13. Field work appropriate to student's previous experience; individual conferences to be arranged. Assistant Professor HENDERSON.

INTERDEPARTMENTAL COURSES

(*In cooperation with the School of Education. See the Announcement of the School of Education and also page 41 of this announcement.*)

Human Growth and Development. A, B. Throughout the year. Not open to freshmen. Credit three hours a term. Prerequisite, a laboratory science, preferably general biology or general zoology. Course A (first term) is prerequisite to Course B (second term). T Th 9. Recitations, S 9 or another hour by arrangement. Goldwin Smith C. 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 for students who desire a general introductory course in social science. Courses A and B are prescribed for those who expect to become candidates for the degree of Master of Education.

Students electing any of these courses should apply for assignment to section at Barton Hall, first term; at McGraw 108, second term.

Introduction to Social Science. A, B. Throughout the year. Credit three hours a term. Open to freshmen. A (first term) is a prerequisite for course B (second term). M W F 10, 12; T Th S 11. Rooms to be announced. Associate Professor WOODWARD and Doctors ADAMS, HUTCHINS, TRUMAN, and WEINTRAUB.

A study of the social organization of communities and of nations, designed to introduce the student to the fields of economics, government, sociology, and anthropology. Attention will be directed successively toward (1) a primitive community, (2) the New England town of the seventeenth century, (3) modern communities, urban and rural, and (4) the nation as a form of social organization. Fee for material furnished, \$3 each term.

Introduction to Social Science. C. First term. Credit three hours. Prerequisite, Social Science B. M W F 9, 12. Rooms to be announced. Associate Professor WOODWARD and Doctors ADAMS, HUTCHINS, and TRUMAN.

A continuation of course B. Further study of the economic, social, and political organization of national states. Fee for materials furnished, \$2.

Introduction to Social Science. D. Second term. Credit three hours. Prerequisite, Social Science C. M W F 9, 12. Rooms to be announced. Associate Professor WOODWARD and Doctors ADAMS, HUTCHINS, and TRUMAN.

A continuation of course C. National and supra-national social organization. Fee for materials furnished, \$2.

English: A, B. Oral and Written Expression. Throughout the year. Credit three hours a term. Open only to freshmen who are taking Introduction to Social Science, A, B. M W F 8, 9. T Th S 9. Rooms to be announced. Professor WICHELS, Assistant Professor JONES, and ———.

Training in reading, writing, and speaking. The greater part of the exercises will develop subjects drawn from assigned essays, from current events, and from Introduction to Social Science, A, B. Students who pass the course may elect sophomore courses in English and Public Speaking which follow Public Speaking I.

COURSES IN OTHER COLLEGES HAVING SPECIAL SECTIONS FOR HOME ECONOMICS STUDENTS

Agricultural Engineering 10. (*Household Mechanics*.) First or second term. Credit three hours. For women students. Not open to freshmen. Lectures, T Th 12. Caldwell 100. Practice: first term, Th 9-11.30 or Th or F 2-4.30; second term, Th or F 2-4.30. Agricultural Engineering Laboratories. Professor ROBB.

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 mechanical devices, sewing machines, domestic electrical equipment, and automobile engines. Laboratory fee, \$2.

Animal Husbandry 92. (*Meat and Meat Products*.) First or second term. Credit one hour. Open especially to the students of the College of Home Economics. Registration limited to fifteen students. Laboratory and lecture period: first term, Th or F 2-4.20; second term, 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. Laboratory fee, \$2.

Bacteriology 4. (*Household Bacteriology.*) Second term. Credit three hours. Prerequisite, Elementary Chemistry. Limited to students in Home Economics. Lectures, T Th 10. Dairy Industry Building 218. Laboratory, T Th 8-9.50, or T Th 11-12.50. Dairy Industry Building. Professor STARK and assistants.

An elementary, practical course for students in Home Economics. Laboratory fee, \$10.

Government 1a. (*Elementary American Government and Politics.*) First term. Credit three hours. Enrollment limited. Open only to students in the colleges of Agriculture and Home Economics. M W F 9. Plant Science 141. Dr. HUZAR.

Rural Education 135. (*The Teaching of Home Economics in the Secondary Schools.*) Either term. Credit three hours for students who have completed Rural Education 137; credit five hours for students who have not taken Rural Education 137. Miss HUTCHINS.

Open to juniors and seniors who have been approved by a committee composed of members of the faculties of Home Economics and Rural Education. Prerequisite, Human Growth and Development and Education 100. Required of all students preparing to teach home economics. General conference, S 9-11. Warren 240. Joint meetings with student-teachers of agriculture and academic subjects, first term, alternate Wednesdays, 4.15-5.30. Additional hours to be arranged.

Schedules must provide the same two-hour period daily throughout the semester for observation and participation in the Ithaca Public Schools and must be approved by the instructor.

This course undertakes 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. Fee, \$2.

Rural Education 136. (*Directed Teaching of Home Economics in the Secondary School.*) Either term. Credit four to six hours. Open to seniors who have completed course Rural Education 135 and who have been approved by a committee composed of members of the faculties of Home Economics and Rural Education. General conference, S 8-10. Stone Hall 309. Joint meetings with student-teachers of agriculture and academic subjects, first term, alternate Wednesdays, 4.15-5.30. Other hours to be arranged. Schedules must be approved by Miss BINZEL. Professor BINZEL, Miss HASTIE, and Mrs. ROBERTS.

Schedules must provide a minimum of three entire days a week, or the equivalent, over a period of five weeks for directed teaching. The course includes visits to schools for the purposes of studying programs, furnishings, and equipment. Fee, \$10.

Speech and Drama 30. (*Voice Training.*) Second term. Credit two hours. Open to freshmen. T Th 10, and an hour to be arranged. Room 3M13. Associate Professor THOMAS.

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

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

<i>Course</i>	<i>Approximate date of trip</i>	<i>Approximate cost</i>
Institution Management 220	October 9 and 10, March 26 and 27	Transportation included in course fee, but not meals and lodging
Institution Management 320	March 12 and 13	Transportation included in course fee, but not meals and lodging
Leadership 330	Five trips arranged with individual student, second semester.	Estimated at \$8. Student is responsible for own arrangements.
Leadership 340	Two observational trips, plus field work with an adult group. Arranged with individual student, first semester	Estimated at \$8. Student is responsible for own arrangements.
Orientation 110	Arranged with class	\$25
Textiles and Clothing 310	Two-day trip, probably December and May	Transportation included in course fee, but not other trip expenses
Textiles and Clothing 320	Arranged with class	Transportation included in course fee, but not other trip expenses

The attention of students is called to the statement on page 35 regarding absence from town. Students should not take more than two courses requiring trips in one semester, and if registered in a "blocked" course, should arrange with the adviser to be in a "block" that does not include the trip-date of another course.

SUMMARY OF FEES IN HOME ECONOMICS COURSES

ECONOMICS OF THE HOUSEHOLD			HOUSEHOLD ART		
Course	Fee	Additional expense	Course	Fee	Additional expense
130.....	\$ 2.50		120.....	\$10.00	
160.....	5.00		140.....	10.00	
310.....	12.00		150.....	7.50	
320.....	10.00		160.....	3.75	
330.....	2.50		170.....	3.75	
400.....	2.00		200.....	7.50	2.00
410.....	1.00		215.....	7.50	\$2.00 minimum
415.....	3.00		220.....	11.25	
			320.....	7.50	\$3.00 minimum
FAMILY LIFE			INSTITUTION MANAGEMENT		
100.....	\$ 5.00		100.....	\$ 5.00	
110.....	5.00		220.....	6.00	
120.....	3.00		230.....	12.00	
140.....	7.50		240.....	3.00	
150.....	3.00		320.....	6.00	
210.....	5.00		330.....	8.00	
260.....	5.00		340.....	3.00	
270.....	5.00		410.....	1.00	
330a.....	7.50				
330b.....	7.50				
330c.....	7.50				
400.....	5.00				
405.....	3.00				
410.....	5.00				
460.....	5.00				
470.....	5.00				
FOODS AND NUTRITION			TEXTILES AND CLOTHING		
100.....	\$18.00		100.....	\$ 5.00..\$5.00 to \$15.00	
110 (each term)	18.00		110.....	5.00..15.00 to 25.00	
130.....	6.00		120.....	1.00	
190.....	1.00		130.....	5.00..... 3.50	
200.....	18.00.....\$2.00		200.....	5.00..10.00 to 20.00	
230.....	9.00		205.....	5.00	
240.....	18.00		210.....	5.00..10.00 to 15.00	
305.....	10.00		220 (each credit hour).....	1.00	
310 (lecture)...	2.00		235.....	5.00	
310 (each laboratory hour)	5.00		310.....	10.00..... 2.00	
320... \$10.00 or more			320.....	8.00	
330.....	6.00		400.....	5.00..15.00 to 25.00	
340 (each laboratory hour)	7.00				
340 (lecture)...	1.00				
400.....	1.00				
410... \$5.00 to 25.00					
420.....	1.00				
HOUSEHOLD ART			ORIENTATION		
100.....	\$ 7.50.....\$4.00		100.....	\$3 or \$4	
110.....	7.50 \$2.00 minimum		110.....	\$3 or \$4.....\$25.00	
			LEADERSHIP IN HOME ECONOMICS		
			330.....	\$ 5.00.....\$ 8.00	
			340.....	5.00..... 8.00	
			HOMEMAKING APARTMENTS		
			300.....	\$40.00	

NEW YORK STATE COLLEGE OF HOME ECONOMICS

STAFF OF ADMINISTRATION

Edmund Ezra Day, B.S., M.A., Ph.D., LL.D., President of the University.
Cornelius Betten, Ph.D., D.Sc., Dean of the University Faculty.
Sarah Gibson Blanding, M.A., Dean of the College of Home Economics.
Mary Francis Henry, M.A., Assistant Dean of the College of Home Economics and Professor of Foods and Nutrition.
Lloyd R. Simons, B.S., Director of Extension and Professor in Extension Service.
Carl Edward Frederick Guterman, Ph.D., Assistant Director of the Cornell University Agricultural Experiment Station and Professor of Plant Pathology.
Caroline Morton, M.A., Assistant Professor of Home Economics and Administrative Assistant.
Esther Harriette Stocks, M.A., Assistant Professor of Home Economics, Secretary of the College, and in charge of Placement.
Mrs. Alyene Fenner Brown, A.B., Assistant Secretary of the College.
Mrs. Dorothy L. Riddle, Librarian of the College of Home Economics.
Ralph Hicks Wheeler, B.S., Assistant University Treasurer and Professor in Extension Service.
Arthur Howard Peterson, M.A., Bursar.
Mrs. Kathleen Halsted Small, Editor in Home Economics.
Mrs. Mary Geisler Phillips, B.S., Assistant in Publications.
Mrs. Madeline Church Reed, B.S., Extension Secretary of Home Economics.
Mrs. Anne Sweet Wells, Building Supervisor.

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

Flora Rose, M.A., D.Ped., D.Sc., Ex-Director, and Professor of Home Economics, Emeritus.
Annette J. Warner, Professor of Home Economics, Emeritus.
Ann McIntyre Aikin, Ph.D., Instructor, Department of Economics of the Household and Household Management.
†Lorna Barber, B.S., Extension Assistant Professor, Department of Foods and Nutrition.
Marjorie Elizabeth Beatty, A.B., Assistant, Department of Family Life.
Cora Ella Binzel, M.A., Professor of Rural Education.
Beulah Blackmore, B.S., Professor, Department of Textiles and Clothing.
Mildred May Boggs, M.S., Instructor, Department of Foods and Nutrition.
*Mrs. Jessie Austin Boys, M.S., Assistant Professor, Department of Foods and Nutrition.
Muriel Brasie, M.A., Extension Associate Professor, Department of Textiles and Clothing.
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Emma Josephine Brown, B.A., Research Assistant, Department of Foods and Nutrition.
Olga Pauline Brucher, M.A., Associate Professor, Department of Foods and Nutrition.
Mrs. Helen Dudley Bull, M.D., Professor, Department of Family Life.
*Alice Marguerite Burgoin, M.S., Associate Professor, Department of Institution Management, and Assistant Manager of the Cafeteria.
Mrs. Gladys Loraine Butt, B.S., Assistant Professor, Department of Textiles and Clothing.

*On leave first term.

- Helen Canon, Ph.D., Professor, Department of Economics of the Household and Household Management.
- Henry Arthur Carey, LL.B., Lecturer, Department of Hotel Administration.
- Agnes Frances Carlin, M.A., Assistant, Department of Foods and Nutrition.
- Mildred Carney, M.A., Extension Associate Professor, Department of Textiles and Clothing.
- Charles Edward Cladel, M.S., C.P.A., Assistant Professor, Department of Hotel Administration.
- Mrs. Marie Folsom Clark, B.S., Research Assistant, Department of Foods and Nutrition.
- Mrs. Ruth Boies Comstock, B.S., Extension Instructor, Department of Household Art.
- Ruth Helen Cook, A.B., Assistant in Home Economics (second term).
- John Courtney, M.S., Assistant Professor, Department of Hotel Administration.
- Bernice Crawford, A.B., Assistant, Department of Foods and Nutrition.
- Ella Mary Cushman, M.S., Associate Professor, Department of Economics of the Household and Household Management.
- Kathleen Lucile Cutlar, B.S., Assistant, Department of Institution Management.
- Dorothy Celia DeLany, M.S., Professor in Extension Service, and Assistant State Leader of Junior Extension.
- Mrs. Linnea Dennett, M.S., Extension Assistant Professor, Department of Foods and Nutrition.
- Mrs. Martha Henning Eddy, A.B., Professor of Home Economics.
- Mark Entorf, A.B., Extension Associate Professor, Department of Family Life.
- Mrs. Dora Wetherbee Erway, Assistant Professor, Department of Household Art.
- Jean Failing, Ph.D., Assistant Professor of Home Economics.
- Faith Fenton, Ph.D., Associate Professor, Department of Foods and Nutrition.
- Mrs. Margaret Johnson Florea, B.S., Research Assistant, Department of Economics of the Household and Household Management.
- Mary Elizabeth Ford, M.A., Instructor, Department of Family Life.
- Mrs. Grace Magee Foster, M.A., Instructor, Department of Foods and Nutrition.
- Marie Belle Fowler, M.A., Professor, Department of Family Life.
- Mary Louise Garmon, Assistant, Department of Institution Management.
- Mrs. Helen Hager Giff, B.S., Assistant, Department of Foods and Nutrition.
- Katharine Wyckoff Harris, M.A., Professor, Department of Institution Management, and Manager of the Cafeteria.
- Millicent Louise Hathaway, Ph.D., Assistant Professor, Department of Foods and Nutrition.
- Hazel Marie Hauck, Ph.D., Professor, Department of Foods and Nutrition.
- †Grace Mildred Henderson, M.S., Assistant Professor of Home Economics (first term).
- Gertrude Marguerite Henry, B.S., Extension Instructor, Department of Economics of the Household and Household Management.
- Eunice Heywood, M.S., Extension Assistant Professor of Home Economics and Assistant State Leader of Home Demonstration Agents.
- Mrs. Helen Paine Hoefer, B.S., Associate Professor in Extension Service and Assistant State Leader of Home Demonstration Agents.
- Margaret Louise Humphrey, M.A., Assistant Professor, Department of Textiles and Clothing.
- Eleanor Katherine Hupp, B.Int.Arch., Instructor, Department of Household Art.
- Margaret Hutchins, M.A., Instructor in Rural Education.
- M. Virginia Jones, B.S., Assistant, Department of Textiles and Clothing.
- Eleanor Elaine Knowles, M.S., Instructor, Department of Economics of the Household and Household Management.
- Marie Lax, B.S., Research Assistant, Department of Foods and Nutrition.
- Mrs. Helena Perry Leahy, M.S., Instructor, Department of Institution Management.
- Ruth Power Little, M.A., Instructor, Department of Foods and Nutrition.

†On leave second term.

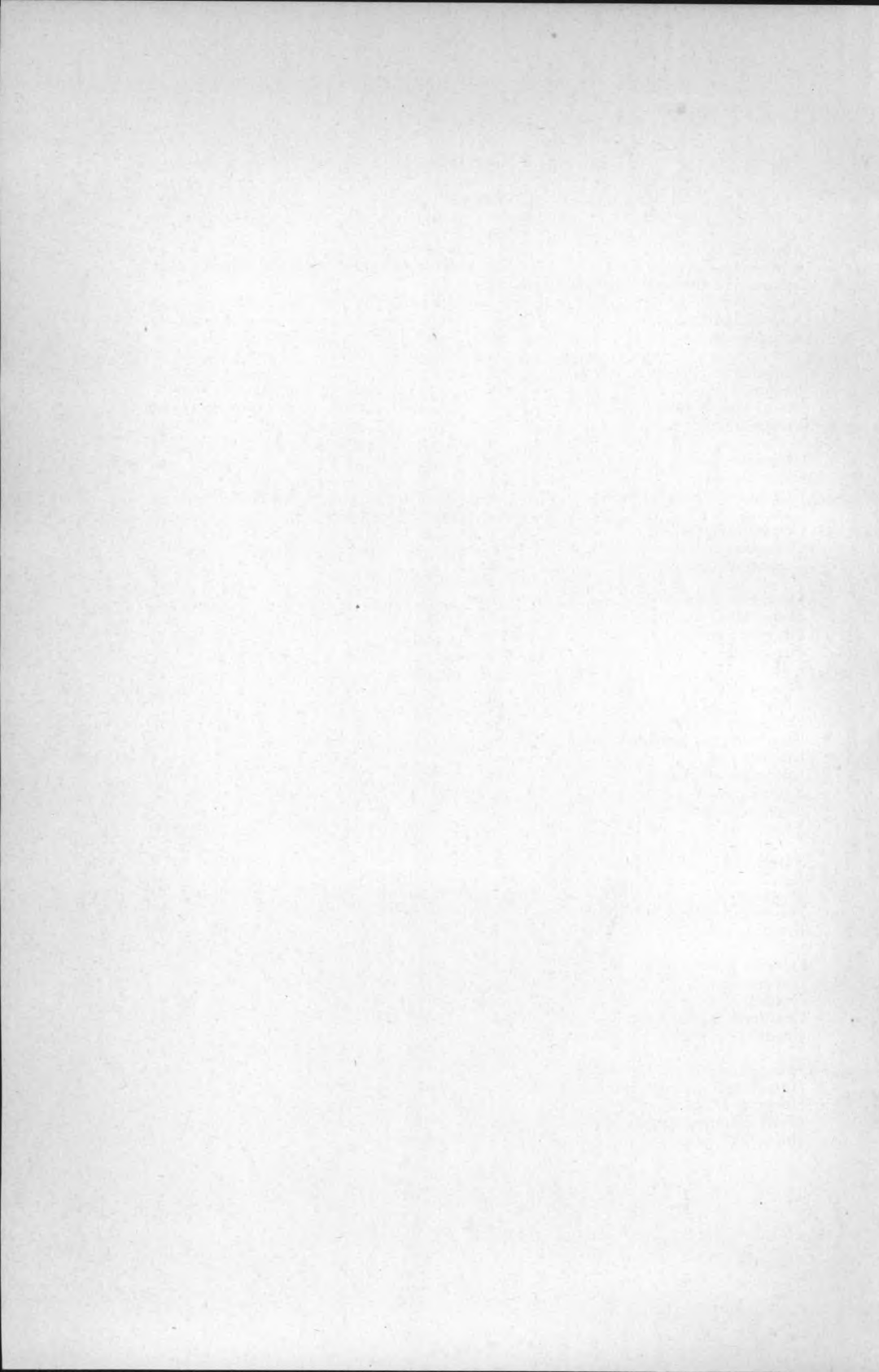
- Betty-Sue McCready, B.S., Research Assistant, Department of Foods and Nutrition.
- Edith Cavell McComb, B.S., Assistant, Department of Foods and Nutrition.
- Mrs. Jessie Freeman MacDonald, M.S., Extension Instructor, Department of Economics of the Household and Household Management.
- Gladys Irene McKeever, B.S., Assistant, Department of Economics of the Household and Household Management.
- Terrell Benjamin Maxfield, B.S., C.P.A., Lecturer in Household Administration.
- Mrs. Barbara Morrell Mai, B.A., Research Assistant, Department of Foods and Nutrition.
- Howard Bagnall Meek, Ph.D., Professor, Department of Hotel Administration.
- Mrs. Lois Farmer Meek, B.S., Instructor, Department of Hotel Administration.
- Mrs. Esther Rutherford Metcalf, M.S., Instructor, Department of Foods and Nutrition.
- Frieda Louise Meyer, M.S., Research Assistant, Department of Foods and Nutrition.
- Cora Frances Miller, M.S., Instructor, Department of Foods and Nutrition.
- Helen Monsch, M.A., Professor, Department of Foods and Nutrition.
- Grace Evelyn Morin, M.A., Professor, Department of Household Art.
- Ann Carolyn Moore, B.S., Research Assistant, Department of Foods and Nutrition.
- Marion Aleta Neidert, M.S., Instructor, Department of Institution Management, and Assistant Manager of Cafeteria.
- Mrs. Emma Dodson Nevin, M.A., Extension Assistant Professor, Department of Textiles and Clothing.
- June Muriel Nickerson, B.S., Research Assistant, Department of Economics of the Household and Household Management.
- Elizabeth Walcott Olesen, A.B., Instructor, Department of Family Life.
- Mrs. Mary Roche Peabody, R.N., Assistant Professor, Department of Family Life.
- †Marion Caroline Pfund, Ph.D., Professor, Department of Foods and Nutrition.
- Dorothy M. Proud, M.S., Extension Instructor, Department of Institution Management.
- Mrs. Inez Ruth LeSeur Prudent, M.S., Extension Instructor, 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, in charge of the Nursery School.
- Ruth Elizabeth Remsberg, Ph.D., Extension Instructor, Department of Economics of the Household and Household Management.
- Jessie Rhulman, Ed.D., Associate Professor of Home Economics.
- Dorothy Deane Roberts, M.A., Assistant Professor, Department of Institution Management.
- Mrs. Charlotte Brenan Robinson, M.A., Extension Assistant Professor, Department of Household Art.
- Mrs. Lemo Dennis Rockwood, Ph.D., Professor, Department of Family Life.
- Mabel Alice Rollins, Ph.D., Assistant Professor, Department of Economics of the Household and Household Management.
- Mrs. Nancy McNeal Roman, M.A., Extension Professor of Home Economics.
- Mrs. Dorothy Fessenden Sayles, B.S., Instructor, Department of Hotel Administration.
- Elizabeth Logan Schmeck, B.S., Assistant in Costume Shop, Department of Textiles and Clothing.
- Ruth Jean Scott, B.S., Associate Professor, Department of Textiles and Clothing.
- Lillian Shaben, M.A., Extension Associate Professor, Department of Foods and Nutrition.
- John Sherry, A.B., LL.B., Lecturer in Hotel Administration.
- Thomas Wesley Silk, B.S., Instructor, Department of Hotel Administration.

†On leave second term.

- Mrs. Helen Powell Smith, B.S., Extension Assistant Professor, Department of Textiles and Clothing.
- Mrs. Ruby Green Smith, Ph.D., Extension Professor of Home Economics and State Leader of Home Demonstration Agents.
- Mrs. Julia Gleason Strahan, B.S., Extension Instructor, Department of Textiles and Clothing.
- Mrs. Carrie Williams Taylor, B.S., Professor in Extension Service and Assistant State Leader of Home Demonstration Agents.
- ‡Mrs. Mary Little Thomas, M.S., Instructor in Home Economics, in charge of Homemaking Apartments.
- Flora Martha Thurston, M.S., Professor of Home Economics Education.
- 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.
- Elinor Shaw Whelan, B.S., Research Assistant, Department of Foods and Nutrition.
- Delpha Wiesendanger, M.S., Extension Assistant Professor, Department of Economics of the Household and Household Management.
- Alma Frances Elizabeth Wigle, B.S., Accountant, Department of Institution Management.
- Mrs. Marjorie Olson Wilde, M.S., Research Assistant, Department of Foods and Nutrition.
- ‡Grace Dorothy Williams, M.S., Extension Assistant Professor, Department of Foods and Nutrition.
- Mrs. Lucille Johnson Williamson, Ph.D., Extension Assistant Professor, Department of Economics of the Household and Household Management.
- Marion Aurelia Wood, M.S., Research Assistant, Department of Institution Management.
- Therese Elizabeth Wood, M.A., Extension Instructor, Department of Foods and Nutrition.
- Olive Woodruff, M.A., Assistant Professor, Department of Family Life.
- Florence Edith Wright, M.S., Extension Associate Professor, Department of Household Art.
- Orrilla Wright, B.S., Associate Professor in Extension Service and Assistant State Leader of Home Demonstration Agents.
- William Joseph Wright, M.S., Professor in Extension Service and State Leader of Junior Extension.
- Margaret Wylie, Ph.D., Extension Professor, Department of Family Life.

*On leave first term.

‡On leave first and second terms.



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