

CORNELL UNIVERSITY
OFFICIAL PUBLICATION

New York State College of Home Economics

1950-1951



The Home Economics Building, Martha Van Rensselaer Hall.

Faculty

(AS OF APRIL 1, 1950)

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 †Alice Mary Briant, Ph.D., Associate Professor of Food and Nutrition
 Margaret Brooks, M.A., Assistant Professor of Child Development and Family Relationships

*Sabbatic leave, first semester.

†Sabbatic leave, second semester.

- Urie Bronfenbrenner, Ph.D., Professor of Child Development and Family Relationships
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- Faith Fenton, Ph.D., Professor of Food and Nutrition
- Mary Elizabeth Ford, Ph.D., Associate Professor of Child Development and Family Relationships
- Mrs. Grace Magee Foster, M.A., Associate Professor of Food and Nutrition

‡Sabbatic leave, academic year 1950-1951.

- Ruth Elizabeth Franklin, B.S., Assistant in School of Nutrition
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T. B. Maxfield, B.S., C.P.A., Lecturer in Hotel Administration
Leonard Amby Maynard, Ph.D., D.Sc., Director of the School of Nutrition

§On leave, academic year 1950-1951, for study.

- Howard Bagnall Meek, Ph.D., Professor of Hotel Administration and Head of the Department
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- Grace Evelyn Morin, M.A., Professor of Home Economics
- Elizabeth Anita Morris, M.S., Assistant Professor of Textiles and Clothing
- Mrs. Edith Patterson Morrow, B.S., R.N., Lecturer in Child Development and Family Relationships
- Helen Emma Moser, M.A., Assistant Professor of Home Economics Education
- Mrs. Loreen Ida Moshier, B.S., Assistant in Child Development and Family Relationships
- Helen Hartmann Murray, A.B., Assistant in Child Development and Family Relationships
- Martha Ann Myer, B.S., Assistant Manager of the Cafeteria
- William Irving Myers, Ph.D., Dean of the College of Agriculture and Professor of Farm Finance
- Marian Aleta Neidert, M.S., Associate Professor of Institution Management and Manager of the Cafeteria
- John Howard Nelson, M.S., Assistant Professor of Hotel Administration
- Lois Elaine Nelson, B.S., Assistant in Textiles and Clothing
- Katherine Jane Newman, M.S., Instructor in Food and Nutrition
- Lenore Beatrice Newman, B.S., Assistant in Food and Nutrition
- Irene Patterson, M.S., Associate Professor of Home Economics Education
- Dorothy Ellen Peck, M.S., Instructor in Food and Nutrition
- Catherine Personius, Ph.D., Professor of Food and Nutrition and Head of the Department, Coordinator of Research in Home Economics, Assistant Director of the Cornell University Agricultural Experiment Station
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- Elna Christine Peterson, A.B., Assistant in Food and Nutrition
- ‡Marion Caroline Pfund, Ph.D., Professor of Food and Nutrition
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- Mrs. Helen Johnston Recknagel, M.A., Assistant Professor of Hotel Administration
- Janet Carolyn Reed, B.S., Instructor in Textiles and Clothing
- Mrs. Marie Antoinette Reed, R.N., School Nurse, Child Development and Family Relationships
- Katherine M. Reeves, M.A., Associate Professor of Child Development and Family Relationships
- Ada Adams Renshaw, Instructor in Housing and Design
- Phyllis E. Reuning, B.S., Assistant in Textiles and Clothing

‡Sabbatic leave, academic year 1950-1951.

- Clara Ann Ridder, M.S., Assistant in Economics of the Household and Household Management
- Helen L. Ripley, M.S., Assistant Professor of Institution Management
- Mrs. Charlotte Brenan Robinson, M.A., Associate Professor of Housing and Design
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- Mabel Alice Rollins, Ph.D., Associate Professor of Economics of the Household and Household Management
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- Mrs. Leona Brodman Smith, B.S., Assistant in Homemaking Apartments
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- Rose Elizabeth Steidl, M.S., Research Associate in Economics of the Household and Household Management
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- Louis Toth, C.P.A., Assistant Professor of Hotel Administration
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- Virginia True, M.F.A., Professor of Housing and Design and Head of the Department
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- Elizabeth Jean Vollmer, B.S., Instructor in Food and Nutrition
- Helen Voorhis, B.S., Assistant in Economics of the Household and Household Management
- Mrs. Ethel Bushnell Waring, Ph.D., Professor of Child Development and Family Relationships
- Mary Vivian White, M.S., Instructor in Textiles and Clothing
- Elizabeth Wiegand, M.S., Assistant in Economics of the Household and Household Management
- Mabel Wilkerson, Ph.B., Associate Professor of Housing and Design
- Mrs. Lucille Johnson Williamson, Ph.D., Associate Professor of Economics of the Household and Household Management

*Sabbatic leave, first semester.

Andrew Leon Winsor, Ph.D., Director of the School of Education
Mary B. Wood, M.S., Assistant Professor in Food Marketing
*Therese Elizabeth Wood, M.A., Assistant Professor of Food and Nutrition
Florence E. Wright, M.S., Associate Professor of Housing and Design
Martha Josephine Wright, B.S., Assistant in Housing and Design
Chuan-huan Wu, B.S., Assistant in Food and Nutrition
Margaret Wylie, Ph.D., Professor of Child Development and Family Relationships
Charlotte Young, Ph.D., Associate Professor of Food and Nutrition
Frances Young, M.A., Instructor in Textiles and Clothing

*Sabbatic leave, first semester.

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General Information

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 Cornell University campus.

Offices of administration, extension, and resident staff, an auditorium seating about 500 persons, staff and student lounges, a good-sized library, classrooms and laboratories are located there. Each of the seven departments of instruction has its particular section of offices and classrooms.

The Department of Child Development and Family Relationships is on the ground floor of a wing to the northeast of the building. Here are housed the department offices of resident and extension personnel, as well as laboratories, including a nursery school. The Homemaking Apartments are above the Nursery School, on the second and third floors. They are fully equipped residence apartments. On the fourth floor of the wing are the offices of the Department of Home Economics Education.

The Department of Economics of the Household and Household Management is in the east wing of the main section of the building. Classrooms, work rooms for research, and staff offices are included on the first floor. On the ground floor are offices and laboratories where staff, students, home demonstration agents, and homemakers study home management. In the 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 rooms of the Department of Food and Nutrition are on the second, third, and fourth floors of the west wing. They include laboratories for the study of nutrition, food preparation and science in relation to food, and research.

The Department of Housing and Design is in the east wing, on the third and fourth floors, and includes laboratories for house planning and furnishing and studios for work in color, design, and handicrafts.

A small art gallery and lecture room has exhibitions of current in-

terest and maintains a Lending Library of Pictures. Students may rent these pictures by the semester to use in their rooms.

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

The Department of Textiles and Clothing occupies the second floor of the east wing. There are six 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 demonstrations, assemblies, and other class activities.

THE COLLEGE LIBRARY

The library of the College of Home Economics is on the first floor of the east wing of the building. Its resources include approximately 19,000 books and bound periodicals and a large number of bulletins, reports, and government documents in unbound form. About 275 periodicals are regularly received and filed.

Most of the books are on open shelves and may be used freely and borrowed for two-week intervals for home use. Certain books, on reserve at the request of instructors, may be borrowed for overnight or week-end use only. The library resources of the College are augmented by the holdings of the general library of the University and those of other college libraries on the campus, making a total of more than one million volumes.

Statements of regulations regarding its use are issued by the library, and a handbook containing detailed information on hours of service, loan regulations, fines, location of library materials, and suggestions on the use of the library has been prepared for the convenience of students.

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 what was then the School of Home Economics. While this department is under the administration of the College of Home Economics, it is maintained on funds not derived from state appropriations. The requirements with regard to tuition, curriculum, and other items are necessarily different from those for other students in the College. The separate printed *Announcement of the Department of Hotel Administration* may be obtained by writing to Professor H. B. Meek, Martha Van Rensselaer Hall, or to Official Publication, Administration Building, Cornell University, Ithaca, New York.

HOME ECONOMICS: ITS DEVELOPMENT AT CORNELL

The first colleges 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.

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 money was appropriated for a building of its own in 1910, though the College did not actually move into the new quarters until 1913. In 1919 the department became a School of Home Economics, and in 1925, by legislative action, it became a College. It now has the fourth largest undergraduate enrollment 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.

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 in society has changed, vocational opportunities have opened, and women have become voting citizens in the community as well as homemakers. 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, and housing of the family; the care and guidance of children; the family relationships; 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; the organization and running of the home on a sound economic, social, and hygienic basis; and the care and use of equipment.

There are seven departments in the college: Child Development and Family Relationships; Economics of the Household and Household Management; Food and Nutrition; Home Economics Education; Housing and Design; Institution Management; Textiles and Clothing. 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. In addition, courses are offered in the Homemaking Apartments, in Home Economics Journalism, and in Orientation.

Many courses in other colleges of the University are closely related

to those in Home Economics. This College, as part of a University, gives students the opportunity to elect courses in many fields. Of the 120 credit hours required for a degree, one-fourth are devoted to basic courses in the biological, physical, and social sciences; at least one-third to courses in home economics; and about one-third to elective courses in the various colleges of the University. English and Physical Education are required of all students.

THE UNDERGRADUATE PROGRAM OBJECTIVES

The aim today of the College of Home Economics in its resident undergraduate program is to guide each student in the use of educational opportunities made available by the College, the University, and the community, toward effective functioning (1) in her individual living and as a member of society as a whole; (2) in homemaking; and, in the case of a majority of students, (3) in a vocation other than that of homemaking to which home economics has a major contribution to make. It is recognized that in certain of the vocations preparation may not be complete but may be of prevocational nature only.

There are certain qualities of feeling, thought, and action which should permeate all of living and which should, therefore, be included in the aims of education. Students should become increasingly able to think clearly and constructively, to express themselves clearly, concisely, and accurately, to weigh values, and to attack and solve problems. They should be able to make and to be responsible for their own decisions, to take initiative, to assume leadership, and to carry responsibility. With these qualities must be the disposition to use them with social sensitiveness and refinement of feeling to sustain and develop the democratic way of life in its largest sense. This should enable students to meet changing conditions and situations in such a way that they will continue to grow into living that is increasingly intelligent and humane.

For effective functioning in all phases of living a girl should be able to understand herself and to cultivate wholesome relationships with other people; to accept herself and others; to think with and live cooperatively with others for common ends; to maintain her own physical and mental health at a high level; to assume responsibilities of citizenship in a democracy and to take an intelligent and active part in community life and in the solution of our social and economic problems; to acquire a stimulating and functioning philosophy of life and to keep a balance of interests and activities that is satisfying and constructive; to cultivate religious living that is meaningful and effective; to develop a capacity for enriching her own life and the lives of others; to develop

an appreciation of our social heritage and of the significant thought and social forces of our time; to sense and to add to beauty in every phase of daily living.

In homemaking she should be able, in addition, to deal successfully with those experiences which make up family life and to use all the resources at her command for the welfare of the family and of its individual members.

In a vocation she should be able to find and to give satisfaction; to understand the technical aspects of her work and to assume responsibility; to understand the demands of the job, the conditions of work, and the place of the job in its social and economic setting.

THE STUDENT'S 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 it is thought of as the means through which each student will achieve educational, personal, and social development during the college years.

Through the counseling service (see page 14) the College attempts to help each student plan her program in accordance with the college objectives for undergraduate students and her individual needs and interests.

As a basis for building a balanced program, the average schedule of courses should approximate 15 credit hours each term exclusive of physical education. 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. A student may take up to 18 hours in a given term but is not permitted to carry more than that unless her average for the preceding term is 80 or above. Students earning any considerable part of their college expenses may find it desirable to reduce the schedule of courses to less than 15 credit hours a term.

Students who enter the College of Home Economics should consider the first four semesters largely as offering them a foundation in home economics and general education and an opportunity to explore their vocational interests, the last four semesters as offering increased breadth of training as well as more specific focus on a chosen field.

The "homemaking core" is a part of the graduation requirement (see pages 49 and 51-77). The subject matter of the core is distributed among the following departments of the College: Child Development and Family Relationships, Economics of the Household and Household Management, Food and Nutrition, Housing and Design, Textiles and Clothing.

Freshmen are urged 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 in the summer preceding entrance and during Orientation Week.

COUNSELING SERVICE

A student counseling service is maintained in the College to foster the maximum growth and development of the student in matters relating to personal and educational adjustment and to vocational choice. The counseling service also functions as a coordinating agency between staff and students in matters of educational procedure and curriculum. The Class Counselors, together with the Dean of the College, are responsible for the selection of undergraduate students.

The counseling staff is composed of the Class Counselors, the Placement Secretary, and the Assistant Placement Secretary. The program of the counseling service is carried on through individual conferences and group meetings.

Orientation Week and the Orientation course, directed by the counseling staff, are designed to help the student adjust herself to the college environment, to become acquainted with the educational experiences which the University offers and with Home Economics vocational opportunities, and to plan for her college years.

Vocational meetings open to all students in the College are held at intervals throughout the year under the auspices of the Placement Office and a student committee. Members of the staff and outside speakers discuss fields of work and qualifications for them, the desirability of work experience while in college and during the summer, and the opportunities for it. Meetings are held with seniors to help them with such matters as the techniques of making applications, letter writing, and interviewing.

PLACEMENT SERVICE

The Placement Office, a division of the College Secretary's office and the Counseling Service, is responsible for the program of after-college placement of seniors, graduate students, and alumnae, with the exception of those who enter the field of secondary-school teaching. The work with the latter group is centralized in the Educational Placement Bureau in the School of Education. The Placement Office also sponsors a program of summer employment for undergraduates.

Students are encouraged to have summer jobs in order to see conditions of work at first hand and to increase their knowledge of vocations. The Placement Secretaries give help in making contacts for summer

work. They also hold follow-up conferences to discuss the student's experiences with her and to help her relate them to her total program of vocational planning.

Seniors and graduate students are urged to prepare materials for credentials and confer with the Placement Secretaries early in the senior year regarding their vocational plans.

Vocational counsel and placement of alumnae are carried on throughout the year, since many requests received in the Placement Office are for experienced workers. The information gleaned from contacts with employers and from field work done by the Placement Secretaries is valuable to the college program of vocational guidance.

Printed and mimeographed material about specific vocational opportunities is continually collected and made available through the vocational files in the Placement Office. These are open files for student and faculty use. A monthly bulletin is issued to graduates describing opportunities for which employers have requested candidates.

VOCATIONAL OPPORTUNITIES

Graduates of a college of home economics have basic preparation for a wide variety of occupations. In certain professional fields the undergraduate training will be followed by professional courses in the next few years. Many openings exist at the upper levels for people with experience and advanced training.

On the other hand, there are excellent opportunities for beginners too. Members of last year's senior class are practically 100 per cent employed, except for those who are married and not registered for employment and those who are continuing with graduate study.

Students interested in teaching may prepare during their college years to meet the state certification requirements for teaching home economics in secondary schools, using their skills and imagination to present to students the many-faceted areas of home living. The Home Demonstration Agent and the 4-H Club Agent, employed by state extension services, also teach, but their classroom is a home or community center. Children's homes, nursery schools, and recreation centers serve the young child and his parents and need home economics graduates as teachers to help children grow into healthy, happy persons. Excellent opportunities exist in the Girl Scouts, Camp Fire Girls, and Y.W.C.A. programs throughout the country for group work with adolescents and young adults.

The home economist in business is employed to promote and sell merchandise and service. To do this she tests products, creates new uses for products already on the market, demonstrates, lectures, teaches, writes, and does research. Home economics departments are established

in advertising agencies and in equipment and food manufacturing companies as well as in utility companies. Pattern concerns, mail order houses, textile and garment manufacturers, and retail stores are also interested in the home economics graduate.

Careers in institution management require managerial ability in serving attractive, healthful meals and in effectively directing a staff of workers. Colleges, schools, restaurants, tea rooms, hospitals, and industrial food services all employ many home-economics-trained women.

More and more, community agencies are using the home economist's special training to strengthen family relationships, management practices, and improve living conditions of the family. Opportunities for service are found with councils of social agencies, family welfare societies, American Red Cross, and settlements. The graduate trained in Nutrition will find herself helping people at any income level to secure adequate diets, through such channels as national, state, and local health agencies, industrial plants, and public schools.

The research worker in home economics may be concerned with any aspect of the field. Research programs are being conducted at universities, with business concerns, industry, and government. Home economists with writing ability are in demand by magazines, newspapers, business concerns, and university information services to produce material which will help homemakers.

VOCATIONAL PREPARATION

Students should consult the Class Counselor and the Placement Secretaries for detailed information regarding qualifications and occupational opportunities in various fields. Several fields of work, such as extension, secondary school teaching, and hospital foods work, have definite preparation requirements. Some of these are discussed in the following pages. 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 to include in their programs courses and supplementary work experiences in line with their vocational interests.

EXTENSION TEACHING

The State Extension Service, in cooperation with the United States Department of Agriculture and the county extension associations, offers Home Economics education to the families of the state in their home communities.

Home Demonstration work gives homemakers of the state an opportunity to study and practice home economics at home. The program is

developed cooperatively by homemakers and the extension staff. Teaching by county and city Home Demonstration Agents, by trained local leaders, and by members of the faculty of the Extension Service from the State Colleges is carried on through lectures, demonstrations, training schools, conferences, radio talks, newspaper articles, service letters, and exhibits.

In 4-H Club work, the boy or girl who enrolls agrees to carry on an educational project directed by a volunteer local leader. Local leaders are trained and supervised by 4-H Club Agents and members of the extension faculty of the State Colleges. The program is promoted by radio programs, news releases, exhibits, tours, camps, and demonstrations, and field and achievement days.

Openings in the field of extension teaching include the county positions of Home Demonstration Agents, 4-H Club Agents, associates, and assistants; the state positions of specialists working in the various subject-matter fields; and the state positions of administration. Positions as specialists and administrators require graduate training.

Students wishing to qualify for county positions must complete satisfactorily the four-year course in Home Economics. There is a recommended curriculum for students preparing for extension work. In addition to Home Economics courses the curriculum suggests courses in sociology, psychology, methods of teaching, extension education, recreational leadership, public speaking, and journalism.

Students should also plan for summer experience. Opportunities are offered for apprenticeship in both the Home Demonstration and 4-H Club divisions of Extension. Students may get information either from the office of the State Leader of Home Demonstration Agents in Martha Van Rensselaer Hall or from the State 4-H Club Office in Roberts Hall.

TEACHING OF HOME ECONOMICS IN SECONDARY SCHOOLS

By action of the New York State Board of Regents in March, 1939, those persons preparing to teach academic subjects must offer five years of preservice preparation if they enter service after December 31, 1942. At the present time the State Education Department requires only four years of preservice preparation for those planning to teach home economics. Those with four years of training and a Bachelor's degree will be granted a provisional certificate valid for ten years, with renewal upon presentation of evidence of having completed an additional year of advanced study.*

The student's program includes:

*For information regarding a fifth year of preservice preparation leading to the degree of Master of Education, see the *Announcement of the School of Education*.

- (a) Preprofessional and professional courses required for certification.
- (b) Home Economics and related subject matter required by the State Education Department for certification.
- (c) Courses required by the College of Home Economics for a B.S. degree (see pages 48-49).
- (d) Electives.

PREPROFESSIONAL AND PROFESSIONAL REQUIREMENT FOR TEACHER CERTIFICATION... The following program is required of all prospective teachers of secondary schools:

PREPROFESSIONAL STUDIES

Credit hours

Freshman year	
Sociology	3
(Freshman or sophomore year)	

Sophomore year	
Human Growth and Development	6

PROFESSIONAL STUDIES

Junior year	
Educational Psychology	3
Social Foundation of Education	3

Senior year	
The Art of Teaching	10
	<hr/>
	25

RELATED SCIENCE REQUIREMENT

Applied chemistry, applied physics, bacteriology, and physiology	12
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HOME ECONOMICS REQUIREMENT FOR TEACHER CERTIFICATION... 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 required by the State Education Department. Most students will find it necessary to take more credit hours in each area than are here indicated in order to cover the subject-matter requirement.

Credit hours

Family Relationships and Child Study	8-12
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	2-4
This should include study of home and community hygiene, first aid, and emergencies in the care of the sick at home.	

VOCATIONAL PREPARATION

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Household Management and Economics of the Household	8-12
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	10-14
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	8-10
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)	10-16
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 costumes. The textiles study should include textiles used in clothing and home furnishings.	

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SELECTION OF STUDENTS FOR PROFESSIONAL TRAINING IN FOOD AND NUTRITION AND INSTITUTION MANAGEMENT

The total record of each student anticipating professional placement in the areas of Food and Nutrition or Institution Management is reviewed at the end of the sophomore year by a committee composed of the student's counselor and representatives from the Departments of Food and Nutrition and Institution Management. The purpose of the review is to secure a sound basis for advising the student as to the desirability of planning to undertake professional work in these areas. Consideration is given to the student's scholarship, to her experience, including in-college and summer work experience, and to her health and adaptability.

At the end of the junior year the total record of each student is again reviewed in order to further advise the student and to approve or refuse admission to the following professional courses: Institution Management 320, Food and Nutrition 314 and 330, and to Food and Nutrition 305 and 315 if that is necessitated by heavy registration.

INSTITUTION MANAGEMENT

The Department of Institution Management offers vocational training for such positions in the field as are outlined on page 18. The back-

ground 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 food, nutrition, management, accounting, economics, teaching methods, applied psychology, and labor management 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.

A summer practice requirement must be met by students who plan to seek positions, such as those in commercial, industrial, and other institutional food services, in the field of Institution Management. This will entail full-time employment on an approved job during one summer period of not less than six weeks, preferably in the summer between the junior and senior years. Contacts for positions are made through the Placement Secretary although the College does not guarantee placement. Students are expected to present a written report to the Department of Institution Management.

POSTGRADUATE INTERNSHIP TRAINING IN DIETETICS

For many positions a postgraduate internship is required. For those who wish to be hospital dietitians a hospital internship is necessary. Certain centers have been approved by the American Dietetics Association to give internships and training. Some provide training in food service administration in institutions other than hospitals, including residence halls, and industrial and school cafeterias, some in food clinic work, and some in hospital dietetics. A list of these centers as printed by the American Dietetics Association is available in the Placement Office. These courses are ordinarily ten to twelve months in length.

The American Dietetics Association has outlined the following program as prerequisite to admission to approved postgraduate internship training:

<i>Subjects</i>	<i>Minimum Hours</i>	<i>Subjects</i>	<i>Minimum Hours</i>
Chemistry	12	Foods	6
To include:		To include:	
General Inorganic		Food selection and preparation	
Organic		Meal planning and service	
Biochemistry		Nutrition and Dietetics	6
Biology	6	To include at least two of the	
To include:		following:	
Human Physiology		Diet in disease (for students	
Bacteriology		entering hospital and food	
Social Sciences	9	clinic courses)	
To include two of the following:		Normal Nutrition (general)	
Psychology		Advanced Nutrition	
Sociology		Institution Economics	6
Economics		To include:	
Education	3	Organization and management	
To include one of the following:		Quantity cookery	
Educational Psychology			
Methods of Teaching			
Principles of Education			

POSTGRADUATE APPRENTICE TRAINING IN COMMERCIAL FOOD SERVICE

The National Restaurant Association has made it possible for graduates from accredited colleges and universities to receive specialized training in commercial food service operation. Apprentice courses extending over ten months are offered by cooperating member restaurants.

The National Restaurant Association requires the following qualifications for graduates in Institution Management making application for apprenticeship training in accredited restaurants:

1. A B.S. degree with a major in institution management from an accredited college or university where the curriculum meets the standard of preparation required by the National Restaurant Association for this training.
2. Above average grades.
3. Demonstrated qualities of leadership in school.
4. A pleasing personality, good health, good appearance, poise, confidence, good voice, emotional stability, and good character.
5. A genuine interest in high-standard food in commercial restaurants and enthusiasm for the work.
6. Ability to work well with different types of people.
7. Executive potentialities—ability to take responsibility and to plan and direct work for others.
8. Ability to work well with one's hands.
9. Demonstrated aptitude and judgment in evaluating details and in making decisions.
10. Ability in mathematics—accuracy and understanding of cost report.

The National Restaurant Association has outlined the following program of courses as prerequisite to admission to apprentice training courses:

<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Chemistry	10-15	Foods	8
Biology	6- 8	To include:	
To include:		Food Selection and Preparation	
Human Physiology		Menu Planning and Service	
Bacteriology		Experimental Cookery	
Psychology	6	Nutrition and Dietetics	6
To include:		Institutional Management	12-15
Personnel Management		To include:	
Economics	3- 6	Quantity Cookery	
Education	3- 6	Organization and Management	
With emphasis on		Institutional Accounting	
Methods of Teaching			

AFFILIATION WITH THE MERRILL-PALMER SCHOOL

The College carries an affiliation with the Merrill-Palmer School in Detroit. Students interested in various phases of child development; parent education; social service work; extension, secondary school, or other teaching; or nutrition may apply and be selected to study there during one term of the senior year. Selection is on the basis of scholarship (which should be above average), sincerity of interest, and readiness for intensive work. Application should be made through the Secretary of the College of Home Economics by March 1 in the year preceding attendance.

Students receive full credit at Cornell for courses taken at the Merrill-Palmer School. Senior students will register in the University *in absentia* and be 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.

A limited number of graduate assistantships are available each year for work at the School. Students interested in these should consult the Merrill-Palmer catalogue and should leave their names at the office of the Placement Secretary of the College of Home Economics by March 1. Merrill-Palmer graduate credits may be counted toward the Master's or Doctor's degree at various affiliated colleges, including Cornell.

SCHOOL OF NUTRITION

The School of Nutrition was established at Cornell University in 1941 to integrate the training provided on the campus in nutrition, in supporting courses in the physical and biological sciences, and in other related fields, and to expand this training. The School offers opportunity for study in several fields including human nutrition and food technology. Its curriculum provides for the training of nutrition teach-

ers and research workers, nutritionists in public agencies and in institutional work, and personnel for laboratory work in food preparation and processing.

To be admitted to the School the applicant must hold a Bachelor's degree from a college or university of recognized standing, except that admission is open to Cornell undergraduates who can otherwise qualify at the end of their third year and for whom a combined curriculum can be planned which will enable them to receive the Bachelor's degree in their college and simultaneously complete the first year's work of the School. The applicant must have a definite professional interest in the field of food and nutrition.

For detailed information concerning admission to the School of Nutrition and the courses of study to be followed during the first three years of college work preparatory to entrance in the School, see the *Announcement of the School of Nutrition*.

THE CORNELL UNIVERSITY-NEW YORK HOSPITAL SCHOOL OF NURSING

A combined course taken partly at the University in Ithaca and partly at the Cornell University-New York Hospital School of Nursing in New York City leads to the degree of Bachelor of Science in Nursing.

Students wishing also the degree of Bachelor of Science in home economics may receive credit toward that degree for certain courses taken at the School of Nursing and will return to Ithaca for additional study after completing their work at the hospital.

Information regarding such a combination of work in the two schools may be obtained from the Class Counselor. The *Announcement of the Cornell University-New York Hospital School of Nursing* may be obtained by writing to Miss Virginia Dunbar, Dean of the School of Nursing, 525 East 68th Street, New York 21, New York, or to Official Publication, Administration Building, Cornell University, Ithaca, New York.

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 and 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. The office of the University Deans of Students in the Administration Building maintains a social calendar and a file of information about each organization on the campus, which is open for student use.

For the students interested in music there are the Sage Chapel Choir, the Glee Club, and the University Orchestra and the Concert Band. 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 for acting. Octagon Club is also for students interested in dramatics. The *Cornell Countryman*, the *Cornell Daily Sun*, and the *Widow* are publications that give experience in business management, art, and writing. Experience is also gained on *The Cornellian*. The Woman's Debate Club and the Cornell Debate Association are 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, with groups of students working at the Settlement Houses, the Reconstruction Home, the Children's Home, and the local hospital. Newman Club, the Hillel Foundation, and other religious and church groups are sponsored by C.U.R.W.

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

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 a national honor society in the College of Home Economics. Pi Lambda Theta is an honor society for students interested in education.

Mortar Board is a national senior honor society, membership in which is open to university women who are outstanding in scholarship, leadership, and service to the campus community.

The Home Economics Club carries on a program of activities planned for and by home economics students. Membership is open to all students in the College who demonstrate an interest in the Club program. Some student committees sponsor dances, teas, mass meetings, and parties. In cooperation with faculty members, other student committees assist in planning for the series of vocational talks, in awarding the annual scholarship, in hostessing and guiding visitors in the building.

Many students in the College of Home Economics hold responsible positions in the Women's Student Government Association.

ADMISSION APPLICATION

A blank for formal application for admission to the College of Home Economics should be obtained from the Director of Admissions, Cornell University, Ithaca, New York. New students are admitted in September. Formal application forms must be filed by March 1 each year, and the initial request for them should be made well in advance of March 1 in order to provide sufficient time for collection of records.

During the spring the Admissions Committee of the College interviews each applicant whose scholastic record meets the entrance requirements of the College.

Interviews are held in various centers throughout the state, and applicants are notified in advance of the date and place of the interview to which they are asked to come.

All candidates are notified at one time of acceptance or rejection, usually during the first week in June.

FRESHMAN ENTRANCE REQUIREMENTS

Applicants must offer for entrance either A or B, as follows:

A. 15 units representing completion of a secondary school course and in the main to be made up of English, foreign language (ancient or modern), mathematics, science, and social studies including history.

B. The New York State High School Diploma in Vocational Home-making.

A detailed statement with respect to the high-school subjects which may be offered for admission is found in the *General Information* booklet, which will be sent, on request, by the Cornell University Official Publication, 336 Administration Building, Ithaca, New York.

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 residents offering Regents credentials must present Regents averages of at least 80 per cent at the end of the high-school course and scholastic rating in the upper two-fifths of the high-school graduating class.

B. New York State residents not offering Regents credentials and out-of-state applicants must present acceptable high school records, scholastic rating in the upper two-fifths of the high-school graduating class, and acceptable scores on the Scholastic Aptitude Test of the College Entrance Examination Board.

All applicants must present evidence of breadth and continuity of interest and such characteristics of personality as self-reliance and industry.

The number of applicants who 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.

ORIENTATION WEEK

Undergraduate students accepted for admission to the College of Home Economics are expected to attend all sessions of the program during Orientation Week. This arrangement helps new students to become acquainted with the University environment and to make plans for their year's work before college begins. Students are notified in advance of the dates and time of meetings.

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. Credits submitted from institutions other than Cornell will be accepted for transfer only if grades are equivalent to or above the Cornell 70. Transfer is seldom made from unaccredited institutions. If made, it is conditional and tentative until the end of the first year of residence. Applicants for admission should direct questions concerning the granting of credit to the chairman of the Committee on Admissions in the College of Home Economics.

In order to obtain the degree of Bachelor of Science, the student must meet the requirements for this degree as stated on pages 48-49. She must also be in residence in the College of Home Economics for the last two regular terms prior to receiving the degree and must complete at least 30 hours of work in the regular college year, of which 20 shall be in Home Economics. Such work will not include credits earned in Cornell Summer Sessions.

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 generally hold baccalaureate degrees. Special students must take at least two-thirds of their work in the State Colleges each semester they are registered in the College. They are expected to maintain the same academic standards as undergraduates (see page 46).

Application should be made to the University Director of Admissions for entrance with special standing in the College of Home Economics. The applicant should write to the chairman of the Admissions

Committee of the College indicating the type of work she wishes to take as a special student.

Special students pay the same University fees as those paid by regular students in the University (see pages 30 to 34). Applicants should correspond with the Office of the Dean of Women regarding rooms. Expenditures for books and materials can be estimated at less than those for regular students as special students usually take fewer courses.

Out-of-state special students taking a full-time schedule of twelve or more credit hours will pay tuition of \$150 a semester. For special students who are teaching or otherwise employed in the Ithaca community, and who are registered for less than a full-time schedule, tuition may be adjusted by the Treasurer. Special students who are state residents and who hold a first degree from the New York State College of Home Economics will be charged \$18.75 a credit hour for courses taken in the colleges not state-supported.

ADVANCED DEGREES

Inquiries about facilities for advanced study and research in Home Economics should be addressed to the head of the home economics department in which such work is contemplated.

For full information regarding the M.S. degree, under both Plan A and Plan B, and the Ph.D. degree, see the *Announcement of the Graduate School*; regarding the M.S. in Ed. degree and the Ed.D. degree, see the *Announcement of the School of Education* as well as the *Announcement of the Graduate School*; regarding the degrees of Master of Nutritional Science or Master of Food Science, see the *Announcement of the School of Nutrition*. All these *Announcements* may be obtained by writing to the offices of the respective schools or to Official Publication, Administration Building, Cornell University, Ithaca, New York.

MASTER'S DEGREE

Within the college of Home Economics, graduate study leading to a Master's degree is offered in Child Development and Family Relationships, Economics of the Household and Household Management, Food and Nutrition, Home Economics Education, Housing and Design, Institution Management, and Textiles and Clothing. To carry intensive work in any of these areas, a student selects it as a major subject; she also selects a minor subject and registers under M.S., Plan A. A student carrying intensive work in Home Economics Education, selecting it as a major subject, may also select a minor subject and register for an M.S. in Education. To carry comprehensive work in the general field of Home Economics a student registers under M.S., Plan B.

DOCTOR'S DEGREE

Within the College of Home Economics, the approved major subjects for study leading to the Ph.D. degree are Child Development and Family Relationships, Economics of the Household and Household Management, Food and Nutrition, Nutrition, Housing and Design, and Home Economics Education. Home Economics Education is also an approved major subject for study leading to an Ed.D. degree.

LIVING ARRANGEMENTS

Cornell University requires its women undergraduate students to live in University residences. In these buildings the total cost of board, room and allowance for personal laundry is \$425.00 a term, or \$850.00 a year. Housing facilities for women consist of University-operated dormitories and privately operated sororities. Students may obtain permission to live elsewhere only under exceptional circumstances.

Room applications for residence in University dormitories are not considered unless filed on an official application blank. Such blanks are enclosed by the Office of Admissions with letters of acceptance to the University. Requests for information on dormitory living should be addressed to the Manager of Residential Halls, Administration Building, Ithaca, New York.

The Dean of Women has jurisdiction over all women students in the University, and prospective students are requested to write to her, in the Administration Building, for information concerning matters in which they may need assistance.

EXPENSES

TUITION

Tuition is free to undergraduate students (except those in Hotel Administration and those registered in the Summer School) pursuing regular or special courses in the New York State College of Home Economics, who at the time of their admission to the College are, and for at least twelve months prior thereto have been, bona fide residents of the State of New York. Students who are not exempt from tuition on entrance are held for tuition throughout their college terms.

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; 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 \$150 a term for tuition.

OTHER FEES

A composite fee of \$75 per term(see p. 33) covers the following items:

A laboratory and library fee which entitles the student to the normal amount of materials required for the course and an allowance for breakage. No additional charge should be incurred by a student who is careful in the use of supplies and equipment. Costs incurred by a student in excess of these allowances will be charged against him or her by the department.

An administration and endowed college laboratory fee.

A health and infirmary fee. Health services and medical care are centered in the University Clinic or out-patient department and in the Cornell Infirmary or hospital. Students are entitled to unlimited visits at the Clinic; laboratory and X-ray examinations indicated for diagnosis and treatment; hospitalization in the Infirmary with medical care for a maximum of 14 days each term and emergency surgical care. For further details, including charges for special services, see the *General Information* booklet.

A Willard Straight Hall membership fee. Membership 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.

A physical recreation fee. Its payment entitles women students to the use of the women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker.

A student activities fee. This is used to defray certain expenses of student organizations.

Matriculation costs of \$18 are required of every student upon entrance into the University. A new student who has made the required deposit of \$30 with the Treasurer does not make an additional payment of the matriculation costs because the Treasurer draws on the deposit for this fee (see page 33).

A graduation fee is required, at least ten days before the degree is to be conferred, of every candidate for a degree. This fee is \$10 and is the same for baccalaureate and advanced degrees. The fee will be returned if the degree is not conferred.

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, or for examination to make up an "incomplete," or a grade of "absence," are discussed on pages 43 and 45.

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 fees for any injury done to any of the University's property.

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

The charge for board, room, and allowance of laundry in the women's dormitories is \$850 a college year, payable in four equal installments. For the fall term, the first payment is due 30 days prior to the date of registration and the second payment at midterm. For the spring term, payments are due 5 days prior to the date of registration and at midterm.

Tuition and other fees must be paid within twenty days after the last registration day of each term of the regular session. The last day of grace is printed on the registration card 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 with registration forms prepared on machine record cards. One of these cards in each term is a combination bill and receipt. The student presents this card to the

cashier in the Treasurer's office when she makes payment. The Treasurer does not issue term bills. Since there are penalties for late payment of fees as described above, it is important that all fees be paid within the prescribed time.

THE CASHING OF CHECKS

The Treasurer of the University accepts checks in settlement of charges payable at his office, but a rule of the Board of Trustees forbids him to cash any credit instrument, even to the extent of accepting a check or draft in amount greater than the sum due and returning the excess in cash. Students are therefore advised to open an account in an Ithaca bank as soon as they arrive in town, or else to provide themselves with travelers' checks, drafts on New York City banks, money orders, or other forms of credit instruments such as a bank will cash in the ordinary course of business.

ESTIMATE OF TERM EXPENSES OF STUDENTS

Personal expenses, such as transportation to and from home, clothing, recreation, and miscellaneous items, are to be estimated by the individual.

REQUIRED:

For all students

*Tuition	(waived for state residents)	\$150.00
†Room and board in dormitory.....		425.00
*Administration and endowed-college laboratory fee.....		
*Infirmary fee	}	75.00
*Willard Straight membership		
*Course fees		
*Physical recreation fee		
*Student Activities	}	30.00
*Books and materials (estimated average).....		
Total including tuition		\$680.00

For new students

*Deposit with treasurer (paid prior to entrance).....	\$ 30.00
Draw from this:	
Matriculation costs	\$18.00
‡Guaranty fund to be retained until graduation. May then be returned	12.00
§Room deposit	\$ 30.00

For freshmen and sophomores

Gymnasium equipment (to be purchased according to Department's instructions)	\$ 15.00
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*Special students also are held for these fees.

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

‡Regular and special students taking honorable dismissal will have a return on this when the "dismissal" is granted.

§Applied in full against initial room and board bill.

For seniors

Graduation fee	\$ 10.00
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DESIRABLE BUT NOT REQUIRED:

Freshman banquet fee	\$ 1.50
Music, University Concert Course (season)	3.50 to 9.50
Dramatic Club productions, each44 to .55
Athletic games (season—estimated)	12.00 to 15.00

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 programs, students should remember that classroom work is but one part of education. Opportunities for participation in activities, time for social life, special lectures and concerts, reading, relaxation, sleep, and even spare time may be as significant in the educational program as are the courses for which the student registers. It is important for the freshman to find her place in the new community as early as possible and this should be taken into consideration in planning the part she should carry in earning her College expenses. There are advantages in keeping the work load to a minimum during the first year, but sometimes, when it is obvious that college work will be impossible unless the student earns a substantial amount of her expenses, it seems wise for her to make sure of a position during the first year. This may give the student a feeling of financial security and also prevent too heavy a work schedule at a later period in her course. When there is uncertainty as to the best planning in this regard the student may obtain financial counseling by writing to the Office of the Dean of Women.

SUMMER AND PART-TIME EMPLOYMENT

Summer work serves a twofold 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.

Last summer undergraduates were engaged in many camp jobs as counselors, dietitians, or assistant dietitians; in resorts and summer hotels as waitresses, cooks, clerical workers, hostesses; in families as

general assistants, responsible for either food preparation or the care of children; in tea rooms and cafeterias as general assistants; in department stores as salespeople; in offices as secretaries, stenographers, or clerical workers; in nursery groups and playgrounds as teachers or assistant teachers; and in industrial plants as skilled and unskilled workers. Some worked as apprentices in the dietary or nursing departments of hospitals. This is an excellent opportunity for students who anticipate postgraduate training in hospital dietetics or nursing.

Seventy per cent of the students in the College reported jobs for the summer of 1949. The average number of weeks of employment per student was $8\frac{1}{2}$, and the average amount earned was \$235. Fifty per cent had maintenance in addition to this amount. Applications for summer jobs may be made through the Placement Secretary's office early in the spring term.

There are some opportunities for regular part-time work during the college year in the laboratories and departmental offices of the college. Application for these may be made in the College Placement Office.

Some students may earn their board during the college year by waiting on table in the dormitory dining rooms. In these cases \$215 a term is deducted from the total dormitory charge of \$425 a term for room and board. Occasionally a student may earn full room and board in a private family, in return for four hours of work a day in the home. This type of employment handicaps a student considerably because of the distance from the campus and the time involved. 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. Placements in homes are handled by the Office of the Dean of Women, and, since Cornell University requires women students to live in the residential halls, special permission to live elsewhere must be secured from the Dean of Women before any plans for work are made.

Students may earn small amounts by doing miscellaneous work by the hour such as caring for children, serving at teas, light housework, clerical work, stenography, and typing. Calls for this work are irregular, and one cannot depend on earning any definite amount.

Information about opportunities for employment on the Cornell campus during the school term, except for jobs in the College itself referred to above, may be obtained from the Office of the Dean of Women, Administration Building, Tower Road. The work plans for the college terms of all resident women students must be approved by the Dean of Women and should be on record there.

It is hoped that earning money will not have to be a main consideration all the time 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.

SCHOLARSHIPS, PRIZES, AND LOANS

Resident students should acquaint themselves with the information on scholarships available for all women in the University. Information about these and about loans may be obtained from the Office of the Dean of Women. Prospective students wishing scholarship information should contact the University Office of Admissions.

Certain scholarships are available for students in Home Economics particularly. These are described in the following paragraphs. A student must have a minimum cumulative average of 78 as well as definite financial need to be eligible for one of these scholarships. Unless specifically noted, scholarships for freshmen are usually not awarded until a student has been in residence at least one term. Applications for scholarships must be filed with the Secretary of the College by April 15, unless otherwise noted. A student may hold only one Home Economics scholarship in a given year.

THE HOME BUREAU SCHOLARSHIPS

Eleven scholarships, established by the New York State Federation of Home Bureaus, are awarded each year in recognition of leadership and financial need; although preference is given to those interested in and preparing for the extension service, students with other vocational interests are also eligible. The money for these is contributed by members of the Home Bureaus throughout the state. Awards are generally made to students from New York State.

THE CARRIE GARDNER BRIGDEN SCHOLARSHIP was named in honor of the first president of the New York State Federation of Home Bureaus. It is awarded to a member of the incoming senior class and was held during the year 1949-1950 by Barbara Singleton.

THE MARTHA VAN RENSSLAER 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. It is awarded to a member of the incoming senior class and was held during the year 1949-1950 by Esther Artman.

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 1949-1950 by Elizabeth Alexander.

THE RUBY GREEN SMITH SCHOLARSHIP was named in honor of a former 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 1949-1950 by Clara Melvin.

THE NETTIE M. ROODS SCHOLARSHIP was named in honor of a former treasurer of the New York State Federation of Home Bureaus. It is awarded to an incoming junior or senior and was held during 1949-1950 by Margaret Thompson.

THE ANNA GAGE PUTNAM SCHOLARSHIP was named in honor of a member of the first Board of Directors of the New York State Federation of Home Bureaus and a loyal member for many years. Members of all classes are eligible to hold this scholarship. It was awarded for the year 1949-1950 to Lois Sanow.

THE MARTHA H. EDDY SCHOLARSHIP was awarded for the first time for the year 1947-1948. Mrs. Eddy, in whose honor it is named, is a former president of the State Federation of Home Bureaus. She has been a member of the Saratoga County Home Bureau since its organization and at present is one of the College Counselors of the Federation. The scholarship is available to members of all classes, preference being given to underclassmen. Freshmen are eligible on completion of the first semester. Applications should be filed by January 15 at the College Secretary's Office. The award for 1950 (spring and fall terms) was made to Gertrude Serby.

THE ANN PHILLIPS DUNCAN SCHOLARSHIP was named in honor of Ann Phillips Duncan who was the Home Demonstration Agent for Broome County and one of the organizers of the State Federation of Home Demonstration Agents, and who served on the State Fair Commission. The scholarship was held during 1949-1950 by Frances Eleanore Duncan Stowe. It will be available in 1950-1951 to a sophomore, junior, or senior.

THE ELIZABETH MACDONALD SCHOLARSHIP was awarded for the first time for the year 1948-1949. It is named in honor of a past president of the Home Bureau Federation who was also for ten years director of the Associated Women of the American Farm Bureau Federation. The scholarship is available to members of all classes, preference being given to underclassmen. Freshmen are eligible on the completion of the first semester. Applications should be filed January 15 at the College Secretary's Office. The award for 1950 (spring and fall terms) was made to Kay McBurney.

THE ELIZA KEATES YOUNG SCHOLARSHIP was awarded for the first time for the year 1949-1950 and was held by Shirley McElwain. It is named in honor of the third president of the Home Bureau Federation who was for many years a member of the Legislative Forum Committee. Mrs. Young has also been prominent in work with the Associated Country Women of the World. The scholarship is available to members of all classes.

Three awards have been made to assist students from foreign countries to carry on work here. These awards were from a fund established at the same time as the scholarship fund and in addition to it. The first award was made in 1948 to Mlle Christiane Cossus who spent four months in New York State studying teaching methods. Two more grants were made in 1949 to Hui Lan Yang of the class of 1949 to continue with advanced study in the School of Nutrition and to Maren Ehlers who entered the college as a transfer student from Germany in the fall of '49.

THE CORA L. TYLER SCHOLARSHIP will be awarded for the first time in 1950-1951. It is named in honor of the sixth president of the Home Bureau Federation. Members of all classes, including freshmen, will be eligible, and applications should be filed by January 15 at the College Secretary's Office.

OTHER SCHOLARSHIPS

NONRESIDENT TUITION SCHOLARSHIPS . . . Eight scholarships giving waiver of tuition are open to students who are not residents of New York State. Three give preference to foreign students. Need and academic achievement are considered. Application is to be made to the Dean of the College. These awards are made to members of all classes. Awarded in 1949-1950 to Maren Ehlers and Suad Wakim, and to Norma Merdes for fall term only.

THE HOME ECONOMICS ALUMNAE ASSOCIATION SCHOLARSHIP is given in honor of Martha Van Rensselaer. It is awarded to a member of the incoming sophomore, junior, or senior class who is an outstanding student. It is awarded on the basis of scholarship, leadership, and financial need. Awarded in 1949-1950 to Ruth Slowik.

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 with Mrs. Thaddeus Merriman,

Hotel New Weston, 36 East 50th Street, New York, New York, by freshmen, at the time of application for admission to the college. Awarded 1949-1950 to Elma Jones.

OMICRON NU SCHOLARSHIP . . . Omicron Nu, a national Home Economics honorary society, offers a scholarship to a member of the incoming junior class. The award is made on the basis of financial need, scholarship, continuing interest in home economics, and leadership. Awarded 1949-1950 to Theodora Frizzell.

THE HOME ECONOMICS CLUB SCHOLARSHIP is awarded to a member of the incoming senior class. The holder of the scholarship is selected on the basis of financial need, leadership, and scholarship. In 1949-1950 two awards were made; one to Jo Kessel and the second to Barbara Taylor.

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, leadership, and scholarship. Awarded for 1949-1950 to Margery Westlake.

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, 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, to juniors or seniors in an accredited college in New York State. Award is on the basis of scholarship, financial need, and interest in civic affairs in New York State. Application blanks may be obtained from the chairman of the Federation Scholarship Committee, Mrs. Edward Cushman, 157 Market Street, Amsterdam, New York, before June 1. Awarded in 1949-1950 to Carolyn Niles and Agnes Ronaldson.

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 to teach in New York City. Awarded for 1949-1950 to Barbara Linn.

THE NEW YORK STATE BANKERS' ASSOCIATION SCHOLARSHIP was established in 1940 making \$150 available to an incoming freshman who is a 4-H Club member. For the year 1948-1949 the sum was \$200. Half is paid upon matriculation as a freshman, and the remaining half is paid at the beginning of the next 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. Awarded for 1949-1950 to Dorothy Dean.

THE BORDEN HOME ECONOMICS SCHOLARSHIP . . . A fund established in 1944 by the Borden Company provides for an annual award of \$300 to the top-ranking member of the senior class. The award is made in the fall prior to graduation and is based on the cumulative average for six terms of work. The recipient must have completed two or more courses in Food and Nutrition. Awarded in the fall of 1949 to Edna Gillett.

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-nine 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. Not awarded in 1949.

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. Half scholarship awarded, 1949, to Elizabeth Lightfoot.

PRIZES

The Elsie Van Buren Rice Home Economics Public Speech Stage is an annual speaking contest open to students in good standing in the College of Home Economics. Preliminaries are held under the auspices of the Home Economics Club and the final contest usually takes place during Farm and Home Week. The subjects are chosen by the competing students.

A first prize of \$100 and a second prize of \$25 are offered.

This public speaking contest was endowed by Professor Emeritus James E. Rice of the Department of Poultry Husbandry to further the preparation of students in Home Economics for participation in public affairs. First prize, 1950, awarded to Margaret Bailey; second prize to Therese Geherin.

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 from Cornell University Official Publication, 336 Administration Building, Ithaca, New York.

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.

LOANS

The Omicron Nu Loan Fund was established at the suggestion of Emma Rose Curtis of the class of 1937, and was originally named in her honor. It is available to seniors in the New York State College of Home Economics. No interest is charged, but loans must be paid back a year from the time of borrowing to ensure 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.

The Lambda Chapter of Epsilon Sigma Phi at Cornell has a substantial loan fund. Sons or daughters of any New York State extension workers, especially superior students who are preparing to enter the Extension Service, are eligible. If not entirely used by this group the balance of the fund is available to other students. These loans, secured by properly endorsed negotiable notes, are without interest during the college course and for six months thereafter, after which interest is at 4 per cent for one year and 6 per cent for each year thereafter until the principal is paid. Notes must be renewed annually. Interest charges begin six months after the borrower receives the degree for which the loan was made. If the borrower leaves college before a degree is obtained, interest is charged six months after the borrower leaves college.

The Epsilon Sigma Phi Loan Fund is administered by a committee of three, of which Professor Ralph H. Wheeler, Roberts Hall, Cornell University, is chairman. Applications for loans should be referred to this committee.

A number of other loan funds are available to students through the University. These are administered by a standing committee. Applications are made through the office of the Dean of Women.

The American Agriculturist Loan Fund is specifically for students in Agriculture and Home Economics. Application may be made through the office of the Dean of Women.

GRADUATE FELLOWSHIPS AND DEPARTMENTAL ASSISTANTSHIPS

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. Awarded for 1949-1950 to Gladys Bellinger.

DEPARTMENTAL ASSISTANTSHIPS . . . A number of departmental assistantships in teaching and research are available to qualified graduate students. Many of these carry exemption from tuition in the

Graduate School. Application should be made by March 1 if possible. Full information about assistantships available and method of application will be sent on request by the Secretary of the College of Home Economics.

SPECIAL REGULATIONS AND PROCEDURES

REGISTRATION

Registration cards for the fall term are sent to each student from the office of the Registrar before the beginning of the term. With these are directions for registration in the University. If a student has not received registration cards by registration day, she should go in person to the office of the Registrar to procure them. Instructions for registration in the College are issued by the office of the Secretary of the College.

Registration cards for the spring term will be given out at a time and place specified by the Registrar. Notice of the time and place will be posted in advance.

The College of Home Economics holds a preregistration each term so that students may have time to plan thoughtfully their programs for the ensuing months, and so that departments may have information of the number of registrants for various courses. Freshmen are given opportunity to complete the planning of their first semester's program during Orientation Week.

Class and laboratory sections for sophomores, juniors, and seniors are made up 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.

At registration the student presents the University cards to the Registrar at the place and time designated, and card No. 5 must be filed by the student personally with her college officer. A student who is absent from registration is liable for the late registration fee.

Special students follow the same procedure for registration as regular students.

LATE REGISTRATION

A student desiring to register in the University after the close of registration day shall first pay a fee of \$5. Permission to register late must be obtained from the Secretary of the College.

A student wishing 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 REGISTRATION

A student cannot receive credit for a course unless she has registered for it in the College Secretary's office. Attendance in a class without formal registration presupposes no credit for the course. Cancellation of any course must likewise be done through the Secretary's office.

Any student whose name continues on a class list because of failure to file a change-of-registration slip will be liable to receive a failing grade.

During the first week of a semester a student who desires to drop a course or to add another course after receiving her term schedule on registration day must obtain a change-of-registration slip from the Class Counselor. The student must file this in the office of the Secretary of the College after it has been filled out and approved by the persons designated on the form. After the first week of a semester changes may be made only by permission of the Faculty Committee on Petitions and Academic Standing.

USE OF PETITIONS

A student may file a petition when for some unusual reason it seems impossible or unwise for her to comply with the rules of the University or College. In order that students may be clear on appropriate uses to be made of petitions, the following examples are given:

(1) when it is necessary to lighten the schedule during the term for such reasons as health, increase in the amount of remunerative work that the student must carry, or other reasons on recommendation of the Counselor;

(2) when the instructor recommends cancellation of the course during the term because the work is too advanced or the student lacks any aptitude for the particular type of work involved;

(3) when a student wishes to carry a schedule of more than 18 hours exclusive of physical education. For such a petition to be granted, the student should have an average of 80 for the preceding term;

(4) when it is necessary to carry a schedule of less than 12 hours;

(5) when it is proposed to meet the graduation requirement in a special way;

(6) when permission is desired to study *in absentia* at an institution other than the Merrill-Palmer School.

LIBRARY FINES

Any library fines incurred should be paid within ten days. Those amounting to \$1.50 or less should be paid at the College library, those in excess of \$1.50 at the office of the Assistant Director of Finance for

the State Colleges, Roberts Hall. A notice of fines due is sent to that office; a report is made to the librarian when the fine is paid.

The names of students delinquent in the payment of library fines are finally sent to the Treasurer of the University. In order that a student may graduate it is essential that all accounts be cleared. Unpaid fines may result in withholding of the college degree.

GRADES

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

In May, 1949, the faculty of the College agreed to the following interpretation of grades assigned in courses in Home Economics:

<i>Freshmen and Sophomores</i>	<i>Juniors and Seniors</i>	<i>Graduate Students</i>
Superior 87-100	90-100	92-100
Good 79-86	83-89	86-91
Average 74-78	78-82	80-85
Fair 66-73	70-77	75-79
Inferior 60-65	60-69	Below 75
Failure ... Below 60	Below 60	Below 60

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 of *incomplete* and receive credit for the course, a student must obtain a permit from the office of the Secretary of the College 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 the Secretary of the College 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. If not made up, this grade is figured in the average as 50.

A grade of Z is sometimes given when a student withdraws from a course in Arts and Sciences without official permission. Such a grade appearing on a record in the fall term, 1947, or subsequently, is figured in the average as 50. A grade of Z is never given in a course in Home Economics.

At the end of the fall term a student may call for a statement of her grades at a place to be announced by the Registrar. Following the spring term grades will be mailed to the student during the summer.

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.

ACADEMIC STANDING

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 her record is reviewed by the Faculty Committee on Petitions and Academic Standing. She may be warned, placed on probation or strict probation for a term, or she may be asked to leave the University. When any of these actions is taken, the student may request an opportunity to appear before the Committee and present her case. Parents are notified of Committee decisions regarding academic standing.

Unless she is a resident of Ithaca, a student whose University attendance has been officially discontinued is expected to leave town within five days of the time of this discontinuance.

At the middle of the term during which a student is on strict probation she is requested to appear before the Faculty Committee and present her current academic record.

Students who are on probation or strict probation are expected to abide by the following regulations adopted by the University Faculty February 12, 1947:

"No student who is on probation shall represent the University on any student organization or individually, either at home or abroad, nor shall he participate in the performance or management of any play, nor shall he hold the position of manager or assistant manager of any student activity, or any editorial position or any class office, nor shall he compete for any of the positions mentioned, nor shall he have membership on any athletic team or practice with such a team or have participating membership in any student organization. (The foregoing statement is not intended to apply to the intramural sports program.) If a student is placed on probation or strict probation, he is required to send immediate written notice of this fact to any and all University or student organizations with which he may be connected as officer, competitor, player, or worker of any sort whatsoever, and he shall inform such organizations that his connection with them has become non-participating.

"The term 'non-participating' is here interpreted to mean that the student may attend the meetings of and vote in any organization of which he is a permanent member but that he may not undertake any

position or job in any University or student organization which consumes any of his time."

Records of students who fail to complete or to pass a total of 12 hours in any term will be reviewed by the Committee on Petitions and Academic Standing unless they have already been granted permission by that committee to carry less than 12 hours (see page 44). In the latter cases the records will be reviewed if the student fails to complete any part of her program.

ATTENDANCE AND ABSENCES

Regular attendance at lectures, recitations, and laboratory periods is expected throughout each term, beginning with the first day of instruction. In all cases of absence from class the student herself is responsible for explaining the reason for her absence directly to the instructor concerned. The instructor will decide whether or not the work may be made up. Any student who has been ill in the Infirmary should keep the slip issued to her by the Infirmary when she is discharged and present this to her instructors when explaining her absence.

The excessive absence of any student will be reported to the Class Counselor concerned, in order that the Counselor may investigate and help the student make whatever adjustment seems necessary.

A student whose record shows persistent absence 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

The schedule of term examinations is prepared in the office of the University Registrar. There is to be no deviation from this except to avoid conflicts.

There is no exemption from examinations in Home Economics courses on the basis of high grades.

When a student misses an examination for an unavoidable reason, such as illness, a grade of *Abs.* may be given and arrangement made for a make-up (see page 45).

PROCEDURE FOR LEAVE OF ABSENCE, HONORABLE DISMISSAL, OR STUDY *IN ABSENTIA*

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.

A leave of absence is granted for one semester only. It may be extended for a second semester, but if the student has not indicated her intention to return at the end of the second term her record will be closed by an honorable dismissal.

An honorable dismissal refers to moral character, not to academic standing. It closes the student's record and entitles her to the return of the guaranty fund deposit (see p. 33).

If the student wishes to reenter at a later date, after having had an honorable dismissal, she must reapply through the Home Economics Committee on Admissions. Her application should be made, if possible, at least two months in advance of the date she wishes to return.

Study *in absentia* is limited to the senior year and may be taken only by petition and faculty approval. Permission to study at the Merrill-Palmer School is granted automatically, and the number of credits to be taken there is not limited. A fee of \$12.50 is charged to bind a student's registration *in absentia*.

The total amount of credits granted for work taken at other institutions while a student is registered at Cornell is 30. Of these, not more than 15 may be taken *in absentia*.

Grades must be equivalent to the Cornell 70 and will not be included in the cumulative average.

TRANSFER OF CREDIT FROM SUMMER SESSIONS

Students wishing to study in the summer session at institutions other than Cornell and to have their credits transferred, must file a request at the Secretary's office. Credits taken in summer sessions or during leave of absence will be transferred only when the program is approved by the Class Counselor and the institution is approved by the College Secretary's office for transfer of credit. Grades must be equivalent to the Cornell 70 for work taken away from Cornell to count toward graduation. Work taken at Cornell will be recognized if it is of passing grade (60 or above). In any case, a maximum of 12 hours of summer session credit may be counted toward the degree, including credits from the Cornell summer session.

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; and, in addition, four credits of Physical Education, one credit in each of the first four terms, unless excused by the Univer-

*A student who is readmitted to the college after a period of years will be held for the graduation requirements which were in effect when she entered originally, provided her first registration was not more than eight years ago. Students who are readmitted after a period longer than eight years will be held for the requirements in effect at the time of reentrance.

sity Committee on Physical Training. Official excuse slips are issued by the Secretary of the College.

The student must have a cumulative average of at least 70 for the work of the college course. She must be in residence for at least two terms prior to receiving the degree.

Credits should be distributed in the following groups as indicated:

<i>Group 1</i>	<i>Credit hours</i>
Basic sciences, minimum required hours.....	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	6
b. Physical sciences: Chemistry, Physics, Astronomy, Meteorology, Geology	6
c. Social studies: Economics, Government, History, Psychology, Sociology	12
d. Basic science elective (may be in either a, b, or c).....	6
 <i>Group 2</i>	
English 111-112 (formerly 2a and 2b), minimum required hours.....	6
 <i>Group 3</i>	
Home Economics, minimum required hours.....	40
To include the homemaking-core courses (see courses starred, pages 51-73).	
 <i>Group 4</i>	
Electives	44
a. Courses in any College in the University.....	24
b. Courses in the State Colleges of Home Economics, Agriculture, Veterinary Medicine, and the School of Industrial and Labor Relations....	20
Although the courses in Groups 1 and 2 and many of the courses in Group 3 contribute to the student's general education, it is hoped that these electives also will be used to broaden this aspect of the student's education.	
<hr/>	
	120
 Physical Education (should be taken during the first four terms of residence)	4

Note: Agricultural Engineering 10 may be counted as Physics. Of the 10 hours of credit in Food and Nutrition 214 (115) and 215 (see pages 59-60), 6 hours are counted as Chemistry and may be credited to either Group 1b or Group 4b; 4 hours are credited to Group 3 as Food.

Some courses in other colleges that may be counted toward the graduation requirement are described on pp. 77-83. Human Growth and Development 201 will count as 3 hours in Group 1a, and Human Growth and Development 202 will count as 3 hours in Group 1c.

Courses in Hotel Administration may be counted in Groups 4a and 4b; they may be included in Group 3 only by Faculty permission.

Group 1 and Group 4a 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 4a, the credit hours of the failed course are counted against Group 4a. Courses may be taken outside the State Colleges beyond this limit of 24 hours only during the student's last semester prior to graduation, and provided that the hours taken in excess of 24 credits are also in excess of the 120 hours required for graduation, and upon payment of \$18.75 for each credit hour.

Description of Courses

To obtain for its students a broad background of educational experience the College of Home Economics supplements the courses offered in its various divisions of instruction with those given in other colleges of the University. Students should acquaint themselves with the catalogue 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: without prerequisite.

Courses in the 200 group: 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. Courses starred represent the required Homemaking Core (see pages 15 and 49).

ORIENTATION

100. *ORIENTATION*. Fall. Credit two hours. Associate Professors FAILING and STOCKS, Assistant Professor READ, and others.

T Th 10. Amphitheatre.

A course designed to acquaint the student with the educational experiences offered in college and to assist her in making a plan for intelligent use of them. Includes work on educational plans, discussion of personal, social, and study problems of college students, and investigations of some of the vocational opportunities in home economics.

[110. *ORIENTATION*. Credit two hours. Lectures and discussion. Associate Professors FAILING, STOCKS, and others.

The work of this course centers in the choice of a vocation: the basis for making a vocational choice; intensive study of one or more vocations related to home economics. There is some opportunity for vocational observation and participation.

A sum of \$25 should be set aside for expenses in vocational observation and participation in this course. *Not offered in 1950-1951.*]

201. *ORIENTATION*. Fall. Credit one hour. An elective course for transfer students only. Associate Professors FAILING and STOCKS, Assistant Professor READ, and others.

Time and room to be arranged.

A course designed to help the transfer student orient herself in the new college setting. Discussion of program planning, the college curriculum, the many educational experiences available in the University and ways of using them; the historical growth of home economics; vocational opportunities in the field; the relation of these to college program.

CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS

The study of Child Development and Family Relationships is closely related to the biological and social sciences. To understand human behavior it is necessary to understand the physical and psychological structure of the person; it is also necessary to understand his economic, social, and other activities in the total social framework of a given culture. Since the development of the person is especially influenced by the intimate relationships in the family, the department of Child Development and Family Relationships concentrates upon the study of family life.

Observations of young children and practical experience with them are provided through the Department's Nursery School and the homes of the nursery school children, the city nursery schools, the play groups in the settlement houses, and other organized groups in the community.

Courses in other departments of the University that are related to the work in Child Development and Family Relationships are in *Psychology, Education, Anthropology, Sociology, and Zoology*.

*102. *THE INDIVIDUAL AND HIS RELATIONS WITH OTHERS*. Fall and spring. Credit four hours. Primarily for freshmen and sophomores. Associate Professor SMART.

T Th S 11. Amphitheatre. Students should have available for observation in the nursery school at least one hour each week at 9, 10, or 11.

An analysis of the factors which influence the dealings of human beings with each other. Stress is laid on the experiences gained from living in a family which affect the growth and development of the individual and his social adjustment. One-hour observations in the nursery school each week serve as the basis for written reports and class discussions.

120. *HEALTH IN THE HOME AND COMMUNITY AND HOME NURSING*. Fall and spring. Credit two hours. Open to sophomores, juniors, and seniors.

M 2-4, W 2; F 2-4, W 3. Annex, second floor.

Basic principles of public health and preventive medicine, with special emphasis on prenatal care, infancy, and child care. Signs and symptoms of illness; ways of caring for the moderately ill and chronic patient (both child and adult) in the home; laboratories of commonly ordered treatments; the care of emergencies until the doctor arrives.

130. *EXPERIENCE WITH CHILDREN*. Fall and spring. Credit three hours. For sophomores and second-term freshmen. Recommendation of adviser and permission of instructor necessary. Associate Professor REEVES.

Discussion, T Th 8. Room 124. Laboratory periods individually arranged. The student must have one morning (8:30-12:30) and one afternoon (12:30-4:30) free for participation assignment.

Directed experience with young children in nursery schools and organized groups in the community. Observation, reading, reports.

140. *CREATIVE PLAY IN CHILDHOOD*. Spring. Credit three hours. Open to sophomores, juniors, and seniors. Assistant Professor HARRIS.

Lecture, M W 2, Room 121. Laboratory, F 2-4, Room B-10.

Observation: Two hours weekly in the nursery school, which means that on two days during the week the student must have a free hour at 9, 10, or 11. At least one of the two hours must be at 9 or 10.

The meaning of play and its value in meeting the needs of the growing child are emphasized. Consideration is given to the types of play experience for children which contribute to well-rounded development, and to the play materials which help to provide such experience, i.e., toys and play equipment, books and pictures, art and plastic materials, such as paint and clay.

150. *CHILDREN'S LITERATURE*. Fall. Credit two hours. Associate Professor REEVES.

M W 2. Room 121.

Literature as a resource in the child's living. The relation of children's literature to world literature. Traditional and modern forms. Illustration in children's books.

The student is expected to read widely in the literature for children two to twelve years of age; to participate in a story-telling group; and to work intensively on a problem of her own selection.

215. *CHILD DEVELOPMENT*. Spring. Credit three hours. Mr. FELDMAN.

T Th S 10. Room 124.

Constitution, maturation, and biological and psychological needs will be considered as they affect the developing child's relationships with his family, peers, and teachers, his capacity and readiness to learn, and his perceptions of himself. The age range to be studied will begin with the prenatal period and continue through adolescence. The teaching method will include lectures, discussions, films, and demonstrations. Reports and demonstrations based on observation and the student's own experiences will contribute as illustrations.

261. *FAMILY RELATIONSHIPS AND THE PSYCHODYNAMICS OF FAMILY DEVELOPMENT*. Fall. Credit three hours. Each section limited to 45 students. Professor ROCKWOOD.

M W F 10 or 11. Room 121.

This course is concerned with the dynamics of family interaction throughout the cycle of family life.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

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.

303. *HISTORY AND PHILOSOPHY OF EARLY CHILDHOOD EDUCATION*. Spring. Credit three hours. Associate Professor REEVES.

M W F 10. Room 124.

The educational position of the young child in twentieth-century America in the light of the dominant trends in thought and action developing from the social ferment of the late seventeenth century; the views of social philosophers, notably Rousseau, Pestalozzi, and Froebel, concerning the problems of early childhood; family education in America out of which evolved the kindergarten and nursery school; great folk movements emphasizing the significance of the child, such as the Child Study Movement, the Child Health and Hygiene Movement, the Parent Education Movement.

305. *METHODS OF CHILD STUDY*. Spring. Credit two hours. Primarily for seniors and graduate students. Limited to twelve students. Prerequisite, twelve or more credit hours in Child Development and Family Relationships and/or Psychology, and Child Development and Family Relationships 330 or permission of the instructor. Associate Professor FORD.

T Th 9. Room 124.

This course deals with techniques which contribute to the understanding of the preschool child, such as observational records, rating scales, mental tests, and play techniques. The student is expected to gain some understanding of the use and interpretation of various techniques through limited practice in one or more areas.

310. *PRINCIPLES FOR CHILD GUIDANCE*. Fall and spring. Credit three hours. Open to juniors, seniors, and graduate students. Prerequisite: one course in Child Development and Family Relationships or Psychology. Professor WARING.

M W F 8. Room 124. A weekly small-group discussion by arrangement.

This course attempts to apply the knowledge and understanding of child behavior and psychodynamics of family interaction to the guidance of children. It deals with a child's behavior as the language whereby he tells his adults about his needs; with guidance as the procedures whereby his adults try to help him satisfy his needs; and with principles of guidance as the relationships between the two. These relationships are studied directly in the nursery school and then applied to older children.

315. *CHILD DEVELOPMENT*. Advanced course. Fall. Credit three hours. Primarily for seniors and graduate students. Prerequisite, Child Development and Family Relationships 215 or equivalent. Associate Professor SMART.

T Th S 9. Seminar Room 121.

Study and interpretation of research findings on the emotional, social, intellectual, motor, and physical development of children and adolescents. The emphasis is on the individual as a whole as he reacts in his environment.

325. *EXCEPTIONAL CHILDREN IN THE FAMILY*. Fall. Credit three hours. Open to juniors, seniors, and graduate students. Prerequisite, six or more credit hours in Child Development and Family Relationships and/or Psychology. Associate Professor FORD.

M W F 9. Room 124.

This course deals with the personal-social development of exceptional children (gifted, retarded, and physically handicapped); family attitudes and responsibilities in relation to them; and community resources which supplement the family in providing for exceptional children. The primary emphasis is on the exceptional child in relation to his own family group.

[327. *HEALTH OF THE YOUNG CHILD*. Spring. Credit two hours. *Not offered in 1950-1951.*]

330. *PARTICIPATION IN NURSERY SCHOOL*. Fall and spring. Credit three hours. Open to qualified upperclass students. Number of students limited. Permission of the instructor required. Prerequisite for Home Economics Education students, Child Development and Family Relationships 310; for all other students, Child Development and Family Relationships 140 is recommended (but not required) as a preceding or parallel course. Assistant Professors HARRIS and BARRETT and Miss MARSH.

Four laboratory hours in blocks of two, three, or four morning hours (9-1) plus an occasional 2 o'clock hour. Discussions, T 3-4:30, Th 3. Room 121.

Experience with children in the nursery school situation, supplemented by readings and discussions.

331. *ADVANCED PARTICIPATION*. Fall and spring. Credit three hours. Prerequisite, Child Development and Family Relationships 310 and 330. Number of students limited. Permission of the instructor required. Assistant Professors HARRIS and BARRETT and Miss MARSH.

Six laboratory hours in blocks of two, three, or four morning hours (preferably at least one 3-hour block). Discussion, T 3-4:30, Th 3. Room 121.

Opportunity to assist in the teaching program of the campus nursery school with an age group (two- and three-year-olds or four-year-olds) other than that with which the students worked in course 330.

[360. *PSYCHODYNAMICS OF HUMAN BEHAVIOR*. *Not offered in 1950-1951.*]

361. *FAMILY RELATIONSHIPS AND THE PSYCHODYNAMICS OF FAMILY DEVELOPMENT*. Fall. Credit three hours. Professor ROCKWOOD.

T Th 11-12:30. Room 121.

This course is designed to meet the needs of graduate students who have a limited background in this field. Topics considered are intracultural and idiosyncratic vari-

ations in family patterns; the dynamics of family interaction throughout the cycle of family development; interruptions which may occur in the cycle.

370. *MARRIAGE*. Spring. Credit three hours. Permission to register must be obtained from Professor Rockwood. Each section limited to 45 students. Final assignment to a specific section is made by the instructor in order to ensure as equal a distribution as possible of men and women and different college groups in each section. Professor ROCKWOOD and Associate Professor SMART.

M W F 10 or 11. Room 121.

This course is designed to meet the needs of students who plan to marry within the near future. The focus of attention is upon the husband-wife relationship, the experiences that precede it, and the adjustments growing out of it.

373. *THE INFANT AND HIS FAMILY IN OUR CULTURE*. Spring. Credit three hours. Open to juniors, seniors, and graduate students. Associate Professor SMART. T Th S 9. Room 3M11.

Study of the literature on the development of infants and its implications for the provision of optimal environmental conditions. Prenatal development is considered for the light it throws on development during the first two years. The family is seen as the mediator between the needs of the infant and the demands of the culture.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the Department and the instructor in charge for independent, advanced work.

[405. *SEMINAR—RESEARCH METHODS*. Fall. Credit two hours. *Not offered in 1950–1951.*]

407. *THESIS AND RESEARCH*. Fall and spring. Credit and hours to be arranged. Registration with permission of the instructor. Professors BRONFENBRENNER and WARING, Associate Professors FORD and SMART, Mr. FELDMAN, and ———.

[415. *SEMINAR IN CHILD DEVELOPMENT*. Spring. Credit three hours. Open to graduate students by permission of the instructor. Limited to twenty students. Prerequisite, Child Development and Family Relationships 360 or equivalent. Professor DALTON.

Th 2–4:30. Room G–22.

Critical discussion of selected theoretical, clinical, and research literature in child development. Emphasis will be placed upon understanding the process of development of the personality structure. *Not offered in 1950–1951.*]

[420. *PROSEMINAR IN CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS*. Fall. Credit three hours. *Not offered in 1950–1951.*]

431. *SPECIAL PARTICIPATION AND NURSERY SCHOOL PROBLEMS*. Fall and spring. Credit and hours to be arranged. Associate Professor REEVES (Community Schools), Assistant Professor HARRIS (Campus Nursery School). For graduate students only.

Opportunity for graduate students to gain experience with children in the campus nursery school and to assist in nursery schools or cooperative play groups in the city or to pursue a special interest in some aspect of the nursery school program.

[440. *SEMINAR—THE FAMILY*. Throughout the year. Credit two hours. *Not offered in 1950–1951.*]

450. *SEMINAR—CHILD GUIDANCE*. See Rural Education 228. Spring. Credit two hours. Prerequisite, some work in Child Development and Family Relationships. Professor WARING.

W 4–6. Room G 58.

[460. *FAMILY RELATIONSHIPS AND FAMILY DEVELOPMENT*. Fall. Credit three or four hours. *Not offered in 1950-1951.*]

475. *FAMILY LIFE EDUCATION IN COLLEGES AND HIGH SCHOOLS*. Spring. Credit three hours. Professor ROCKWOOD.

T Th 11-12:30. Room 121.

This course will consider the sources and history of the movement for family life education; philosophy and emphasis in present-day programs; practical problems related to the planning and conduct of family life education programs at the secondary and college levels.

[480. *PERSONAL COUNSELING*. Spring. Credit three hours. *Not offered in 1950-1951.*]

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

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

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

*128. *MANAGEMENT AND HOME PROCESSES*. Fall and spring. Credit three hours. For sophomores and juniors who have not taken either Economics of the Household 120 or 308. Associate Professor WILLIAMSON, Assistant Professor BRATTON, Miss PURCHASE, Miss DAVEY, Miss VOORHIS, Mrs. MARGULIS.

Lecture, M W 10. Amphitheatre. Laboratory: Fall, T Th 8-10 or 2-4; spring, T Th 2-4 or W F 11-1. Room G-19.

Help in understanding and recognizing the procedure of management through the solution of students' individual problems and through the study of problems of different families. Simplification of work as one means of managing. Processes and equipment involved in the daily, weekly, and seasonal care of the home. Nature of materials and characteristics of supplies used for protecting or cleaning them. The wide range of choice in method, equipment, money, materials, and human effort to accomplish the ends desired under different circumstances. Comparison of certain home processes with commercial services available, considering cost, quality of product, and general satisfaction under given conditions. Work centers set up in the laboratory.

*130. *ECONOMIC CONDITIONS IN RELATION TO THE WELFARE OF FAMILIES*. Fall and spring. Credit three hours. Not open to first-term freshmen (graduate students should see Economics of the Household 430). Associate Professors ROLLINS and AIKIN.

M W F 11. Amphitheatre.

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 and distribution as they relate to economic welfare, the national income as it relates to family incomes, the significance of price in our economic organization, the connection between outside economic conditions and personal financial problems.

260. *PROBLEMS IN PROVIDING CONSUMERS' GOODS*. Fall. Credit three hours. Open to undergraduate and graduate students. Prerequisite, Economics of the Household 130 or the equivalent. Associate Professor ROLLINS.

M W F 8, and one additional hour at the convenience of the student. Room 121.

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. Practices of consumers and of marketing agencies as they bear on 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.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. 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.

*308. *MANAGEMENT IN HOMES*. Fall and spring. Credit one hour. For sophomores and juniors who have taken Economics of the Household 120. Assistant Professor BRATTON and Miss VOORHIS.

Fall, M W 9; spring, M W 9 or T Th 9. Room G-19.

Help in understanding and recognizing the procedure of management through the solution of students' individual problems and through the study of problems of different families. Simplification of work as one means of managing. Reports of the achievements of students and of families, as they have managed to use their various resources to accomplish what is important to them. Demonstrations, outside speakers, motion pictures, slides, photographs, and work centers set up in the laboratory.

310. *MANAGEMENT PROBLEMS IN HOMES*. Fall and spring. Credit two hours for juniors and seniors; three hours for graduate students. Prerequisite for juniors and seniors, Economics of the Household 128 or 308. Graduate students should consult the instructor before registering. Associate Professor CUSHMAN and Miss

W F 2-4:20. One additional hour to be arranged for graduate students. Room G-19.

A study at first hand of the ways in which different families manage to achieve their individual purposes with the resources available. Experience in homes in observing the procedure of management and in recognizing the values and goals of different families. Cooperation with families in working out a solution to some of their management problems. One all-day tour, time to be arranged.

320. *MANAGEMENT IN RELATION TO HOUSEHOLD EQUIPMENT*. Spring. Credit three hours. For juniors, seniors, and graduate students. Agricultural Engineering 10 or the equivalent, and Economics of the Household 128 and 310 desirable as a background. Associate Professor WILLIAMSON.

T Th 11-1. Room G-19.

Selection, care, use, and repair of household equipment in relation to individual situations. Relative advantages of various types of equipment in performing certain tasks. Discussion with homemakers, manufacturers, distributors, engineers, and others. Trip to Ithaca homes where certain equipment is being used.

330. *MANAGEMENT IN RELATION TO PERSONAL FINANCES*. Spring. Credit three hours. For juniors, seniors, and graduate students. Prerequisite, Economics of the Household 130 or permission of the instructor. Associate Professor AIKIN.

M W F 9. Room 121.

The management procedure applied to individual and family problems involving finances. The influence of economic conditions, as well as personal circumstances, on one's financial situation. The effect of standards of living on the amount spent. Problems connected with estimating future expenditures. Considerations in developing a savings program and in purchasing insurance. The nature of investments in real estate, and government and corporate securities. Advantages and disadvantages in the use of credit; variations among credit agencies. Problems in arranging for transfer of property to heirs. Various types of records helpful in managing.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Registration with permission of the instructor. Professor CANON, Associate Professors CUSHMAN, ROLLINS, WILLIAMSON, HEINER, AIKIN, and Assistant Professor BRATTON.

408. *WORK SIMPLIFICATION IN HOME ECONOMICS*. Spring. Credit two hours. Prerequisite, Economics of the Household 310 or permission of the instructor. Associate Professor HEINER.

T 2-4. Room 124.

Adaptation of work simplification techniques as developed in industry, for use in studies of activities in homes and in home economics laboratories. Development of techniques valid in terms of family living, applicable to different regions and types of homes, and economical to perform. Distinction between devices suitable for teaching and for research, including stop-watch studies, process charts, motion symbols, flow charts, and preparation and analysis of films. Work on individual problems.

420. *HOME PROCESSES*. Spring. Credit two hours. Students will attend specified lectures given by the instructors in Economics of the Household 128. The instructor should be consulted before registering. Miss PURCHASE.

Lecture, M W 10. Amphitheatre. Laboratory, M 11-1. Room G-19.

Application of chemistry, physics, and body mechanics to the processes and equipment used in the daily, weekly, and seasonal care of the home. Decisions facing homemakers in the selection of materials and supplies from the widening variety available. Considerations for choosing between home production and commercial services, as well as among the various home methods. Protection of investment in equipment and furnishings in the light of family development, management, and economy.

430. *ECONOMIC CONDITIONS IN RELATION TO THE WELFARE OF FAMILIES*. Fall and spring. Credit 3 hours. Graduate section of Economics of the Household 130. Associate Professors ROLLINS and AIKIN.

M W F 11 and one additional hour to be arranged. Amphitheatre. See description of Economics of the Household 130.

[432. *PERSONAL FINANCES*. Fall. Credit two hours. Prerequisite, Economics of the Household 330 or the equivalent. The instructor should be consulted before registering. Associate Professor AIKIN.

F 2-4. Room 133.

Examination of the nature of personal financial problems and of adjustments in individuals' financial practices under changing conditions. The operation and regulation of financial institutions of importance in personal management. Analysis of teaching materials. *Not offered in 1950-1951.*

461. *PROBLEMS IN THE DISTRIBUTION OF CONSUMERS' GOODS*. Spring. Credit two hours. Prerequisite, Economics of the Household 260 or the equivalent. The instructor should be consulted before registering. Associate Professor ROLLINS.

F 2-4. Room 121.

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.

490. *REVIEW OF RESEARCH IN HOME MANAGEMENT*. Fall. Credit two hours. Prerequisite or parallel, Economics of the Household 310. The instructor should be consulted before registering. Professor CANON.

Th 2-4. Room 108.

Evaluation of results and methods of research in management.

495. *ECONOMIC PROBLEMS OF FAMILIES*. Spring. Credit two hours. The instructor should be consulted before registering. Professor CANON.

Th 2-4. Room 108.

Analysis of a few outstanding contributions to economic thought related to this field. Examination of methods of research.

499. *SEMINAR*. Fall and spring. For graduate students. Department staff.

T 4-5:15. Room 114.

FOOD AND NUTRITION

The Department of Food and Nutrition aims to help students gain an appreciation of the relation of food to health and to translate into wholesome practices in daily living the knowledge they gain. The principles of good nutrition are applied to the problems of food selection for family groups as well as for the individual. Laboratory practice in food preparation and in the planning, preparation, and service of attractive and nourishing meals is offered; also laboratory experiences that give some understanding of the scientific aspects of food preparation and of the aesthetic aspects of cookery. Students are encouraged to take advantage of opportunities for participation in food preparation in home situations in order to develop skill. Courses are given for students with a vocational interest in hospital dietetics and in commercial food work.

Many of the courses in other colleges of the University that are related to work in Food and Nutrition are included in the *Announcement of the School of Nutrition*.

100. *FOOD PREPARATION IN RELATION TO MEAL PLANNING*. Fall and spring. Credit three hours. Intended exclusively for students outside the College of Home Economics. Limited to eighteen students. Mrs. SEARLS.

Lecture and laboratory, M W 2-4:30. Room 361.

For students who are inexperienced in food preparation and who wish to serve simple, well-planned meals in their own homes.

*103. *ELEMENTARY FOOD AND NUTRITION*. Fall and spring. Credit five hours. Limited to eighteen students in a section. Professor STEININGER, Miss MAWHORTER, and Miss -----.

Lecture and discussion, M W F 8. Amphitheatre and Rooms 3M11 (*fall*), 426 (*spring*), and 3M13.

Laboratory

Fall:

M W 2-4	Room 352
M W 2-4	Room 426
T Th 11-1	Room 426
T Th 2-4	Room 426
W F 11-1	Room 426

Spring:

M W 2-4	Room 426
M W 2-4	Room 352
T Th 11-1	Room 426
T Th 2-4	Room 426

Selection of an adequate diet and its importance in achieving and maintaining optimum health. Consideration of some of the problems that may be involved in the feeding of individuals and family groups. Laboratory experience includes the preparation of various types of food and some opportunity for the planning, preparation, and serving of simple meals.

*104. *ELEMENTARY NUTRITION*. Fall and spring. Credit three hours. For transfer students only. Registration with permission of the instructor. Professor STEININGER.

M W F 8. Amphitheatre.

For transfer students who have had college work in food preparation but not in nutrition. The work covered is the same as that in Food and Nutrition 103, but the students are not required to attend the laboratories.

120. *FOOD PREPARATION*. Fall and spring. Credit three hours. Required of students registered in Hotel Administration. (For description, see *Announcement of the Department of Hotel Administration*.)

190. *NUTRITION AND HEALTH*. Fall. Credit two hours. Intended exclusively for students outside the College of Home Economics who have had no previous course in human nutrition. Professor HAUCK.

T Th 11. Room 339.

The relationship of food to the maintenance of health; its importance to the individual and society.

214. *CHEMISTRY AND ITS APPLICATION TO FOOD PREPARATION*. Fall. Credit five hours (1 hour, Food; 4 hours, Chemistry). Prerequisite or parallel, Food and Nutrition 103. Miss MONDY, Miss PECK, and Miss ELBERT.

Lecture and discussion, M W F 9. Amphitheatre and rooms 339 and 3M13.

Laboratory

M W 2-4	Rooms 353 and 356
T Th 8-10	Rooms 353 and 356
T Th 8-10	Rooms 353 and 358
T Th 11-1	Rooms 353 and 356
T Th 2-4	Rooms 353 and 356
T Th 2-4	Rooms 353 and 358

Fundamental principles and practices of food preparation approached through the study of general chemistry. Consideration of the physicochemical properties of gases, liquids, solids, and solutions; pH, titrations, buffer mixtures and hydrolysis; and fundamental chemical reactions. The influence of kind and proportion of ingredients and of methods of manipulation and cookery on the flavor and texture of such foods as baking-powder products, fruit-ice mixtures, and sugar mixtures. Beverages as solutions. Subjective scoring of food products.

Laboratory practice in chemistry and comparative cookery includes experiments using simple chemical techniques and basic cookery processes. Emphasis on the application of scientific principles to the interpretation of observed results.

The course serves as a prerequisite for Food and Nutrition 215.

215. *CHEMISTRY AND ITS APPLICATION TO FOOD PREPARATION*. Spring. Credit five hours (3 hours, Food; 2 hours, Chemistry). Prerequisite, Food and Nutrition 214. This course is planned to follow Food and Nutrition 214 and should be taken the term after it. Professor PFUND, Miss MONDY, Miss PECK, and Miss ELBERT.

Lecture and discussion, M W F 9. Amphitheatre and Rooms 339 and 3M13.

Laboratory

M W 2-4:20	Rooms 353 and 356
M W 2-4:20	Rooms 353 and 358
T Th 8-10:20	Rooms 353 and 356
T Th 8-10:20	Rooms 353 and 358
T Th 2-4:20	Rooms 353 and 356
T Th 2-4:20	Rooms 353 and 358

Fundamental principles and practices of food preparation approached through the study of organic and colloidal chemistry. The influence of kind and proportion of ingredients and of methods of manipulation and cookery on the palatability and the nutritive value of baked products, such as cakes and yeast breads, of eggs, meats, and vegetables. Subjective scoring of food products; food storage and sanitation. Food preservation, especially canning, and the science underlying it. Students who have completed Food and Nutrition 214 and 215 should recognize culinary quality in cooked foods and the factors that contribute to quality. They should attain some skill in specific cookery techniques and should be able to apply this knowledge and skill critically in food preparation.

Course 215 serves as a prerequisite for Biochemistry 10, 11 and Chemistry 201, and 303 and 305.

220. *FOOD PREPARATION, ADVANCED COURSE.* Fall and spring. Credit three hours. Required of students registering in Hotel Administration. Prerequisite, Food and Nutrition 120 or the equivalent. (For description, see *Announcement of the Department of Hotel Administration.*)

225. *FOOD PREPARATION: PRINCIPLES AND COMPARATIVE METHODS.* Spring. Credit five hours. Not to be elected by students who have had Food and Nutrition 215. Limited to sixteen students. Prerequisite, Food and Nutrition 103, and prerequisite or parallel, organic chemistry. Professor PFUND and Miss PECK.

Lecture M F 9. Amphitheatre. Discussion, W 9. Room 301. Laboratory T Th 10:30-1. Room 358.

Class will meet with Food and Nutrition 215 for lecture. Discussion period and laboratories will be independent of Food and Nutrition 215.

The application of science, particularly chemistry to the solution of problems in food preparation; experiments in comparative cookery.

230. *NUTRITION.* Spring. Credit three hours. Prerequisites, elementary college courses in nutrition, biochemistry, and human physiology (for Home Economics students, Food and Nutrition 103, Human Physiology 303, Biochemistry 10; other students should see the instructor about equivalent preparation). Professor HAUCK and Miss NEWMAN.

Discussion, T Th 8. Room 339. Laboratory F 2-4 or S 9-11. Room 426.

Principles of nutrition as they relate to energy metabolism and weight control, hygiene of the digestive tract, proteins, minerals, and vitamins. Application of the principles of nutrition to needs of normal individuals. During and as a result of this course the student is expected to establish and maintain good nutrition practices.

240. *FOOD PREPARATION, ADVANCED COURSE.* Fall and spring. Credit three hours. Prerequisite, Food and Nutrition 100 or 103. For juniors and seniors. Mrs. SEARLS.

Lecture, F 2. Room 3M13. Laboratory, T Th 8-10:20 or T Th 2-4:20. Fall, Room 352; spring, Room 361.

Special dishes such as fancy breads, entrees, canapés and hors d'oeuvres, chicken and turkey (boning), fish, pastries and desserts. Study and preparation of some unusual foods and food products.

260. *MEAL PLANNING AND PREPARATION*. Fall and spring. Credit three hours. Limited to eighteen students in a section. Prerequisite, Food and Nutrition 103. Associate Professor FOSTER.

Lecture, T 9. Room 3M13. Laboratory, T Th or W F 11-1:20. Room 361.

This course includes the day-by-day problems of the homemaker in securing palatable and nutritious meals with the time, money, and energy at her disposal; it is built around the family table where so much of the culture and traditions of the parents are transmitted to the children; it includes the family's simple entertaining and an introduction to more elaborate service.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged.

For students recommended by the Counselor 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.

305. *FOOD DEMONSTRATIONS*. Fall and spring. Credit one hour. Limited to ten students. Prerequisite, Food and Nutrition 215 or 225. Registration with permission, see page 21. Associate Professor FOSTER.

T Th 2:30-4. Fall, Room 361; spring, Room 352.

Emphasis on the purposes and techniques of demonstrations in relation to food preparation and nutrition, with application to teaching, extension, business, and social service.

314. *FOOD SCIENCE*. Fall. Credit three hours. Prerequisite, Food and Nutrition 215 or 225 and 240 or 260. Registration with permission. Professor PERSONIUS.

Lectures T Th 8. Room 339. Laboratory S 8-10. Room 358.

The importance of the following in the study of food: true solutions and crystallization from solution; physical and chemical properties of fats, starches, and proteins; pigmentation of vegetables; colloidal systems, gels and sols. Laboratory work includes the effects of varying manipulation, ingredients, and cooking conditions on the preparation of products other than batters and doughs. (Note: Food and Nutrition 314 and 315 are designed as a unit to cover the material formerly covered in Food and Nutrition 310 and 320.)

315. *FOOD SCIENCE. INTRODUCTORY EXPERIMENTAL COOKERY*. Spring. Credit three hours. Prerequisite, Food and Nutrition 314. Registration with permission. Professor FENTON.

Lectures, T Th 8. Room 3M13. Laboratory S 8-11. Room 358.

This course is a continuation of Food and Nutrition 314. Colloidal systems such as foams and emulsions; the chemistry of carbonates and baking powder; the qualities of flours and fats of importance in baked products. Laboratory work includes the effects of varying manipulation, ingredients, and cooking condition on batters and doughs, foams, and emulsions. About one half of the semester will be devoted to work on individual laboratory problems.

330. *DIET THERAPY*. Fall. Credit three hours. Prerequisite, Food and Nutrition 230. Registration with permission, see page 21. Professor HAUCK.

Lecture and discussion, M W F 8. Room 426.

Diet in diseases such as fever, gastrointestinal disturbances, and diabetes.

340. *FAMILY NUTRITION, WITH SPECIAL EMPHASIS ON CHILD FEEDING*. Fall and spring. Credit two hours. Prerequisite, Food and Nutrition 103 or 190. Miss NEWMAN.

Lecture and discussion, W F 8. Room 339.

Family nutrition with special emphasis upon the nutritional needs of the child. Relation of nutrition to physical growth and development.

342. *CHILD FEEDING LABORATORY*. Spring. Credit one hour. Prerequisite course 340 or the equivalent. Miss NEWMAN.

Th 10-12. Room 352.

Laboratory experience in planning and preparing meals for families with children. Observation of, and experience with, feeding children in nursery schools.

360. *SEMINAR IN FOOD AND NUTRITION*. Fall. Credit one hour. Primarily for seniors; open to graduate students. Prerequisite, Food and Nutrition 215 or 225. Professor FENTON and Miss NEWMAN.

Th 2. Room 301.

Study of historical and current literature.

400. *READINGS IN NUTRITION*. Spring. Offered in alternate years. Credit two hours. Registration with permission of the instructor. Professor HAUCK.

T Th 11. Room 301.

Critical review of literature in the field of vitamin and mineral metabolism, with emphasis on the experimental data on which the principles of human nutrition are based.

[401. *READINGS IN NUTRITION*. Spring. Offered in alternate years. Credit two hours. Registration with permission of the instructor. Professor HAUCK.

T Th 11. Room 301.

Critical review of literature relating to energy metabolism, proteins, fats, and carbohydrates, with emphasis on the experimental data on which the principles of human nutrition are based. *Not offered in 1950-1951.*]

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the Department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Credit and hours to be arranged. Registration with permission of the instructor. Professors PERSONIUS, MAYNARD, FENTON, HAUCK, McCAY, PFUND, and STEININGER; Associate Professors BRIANT, JOHNSTON, and YOUNG; Assistant Professor STEELE.

420. *ADVANCED SEMINAR IN NUTRITION*. Fall. Credit one hour. Professor STEININGER and department staff.

T 4. Room 301.

421. *ADVANCED SEMINAR IN FOOD*. Spring. Credit one hour. Professor PERSONIUS and department staff.

T 4. Room 301.

440. *NUTRITION OF GROWTH AND DEVELOPMENT*. Spring. Credit two hours. Prerequisite, Course 230 or equivalent. Professor STEININGER.

T Th 8. Room 301.

Relation of nutrition to growth and development from the prenatal period to adulthood. A study of research literature.

Note: The attention of advanced and graduate students is called to the courses listed in the *Announcement of the School of Nutrition*.

HOMEMAKING APARTMENTS

301. *HOMEMAKING APARTMENTS*. Fall and spring. Credit one hour. Open to juniors and seniors with permission of the instructor. Required of students planning to take Homemaking Apartments 302 and to be scheduled the semester preceding 302. Assistant Professor CRAWFORD.

Discussion period, M 12. Apartment A, Living Room. Five observations of one hour each to be arranged.

302. *HOMEMAKING APARTMENTS, RESIDENCE COURSE*. Fall and spring. Credit six hours. Offered twice each term in two blocks of seven weeks each. For juniors and seniors. Open to graduate students. The instructor must be consulted before registering. Assistant Professor CRAWFORD.

Students preparing to teach are to schedule the course concurrently with Home Economics Education 331 (see page 64). Students preparing to go into extension work are to schedule the course concurrently with Home Economics Education 321 (see page 64). Prerequisites, Homemaking Apartments 301, and Food and Nutrition 260 or the equivalent. It is desirable that Food and Nutrition 340 precede or parallel this course. To even the semester load for those not majoring in Home Economics Education, a second blocked course is strongly recommended.

A course which brings together into an integrated and functioning whole the various phases of homemaking. Students will obtain experience in the following areas of homemaking: the care and management of a home; planning, buying, preparing, and serving meals; entertaining; and caring for a young baby.

During the period of residence in the apartment, students are not charged for dormitory living. The cost of living in the apartment does not exceed cost of living in the dormitory.

305. *HOMEMAKING APARTMENTS*. Fall and spring. Credit one hour. Open to juniors and seniors with permission of the instructor. Required of students planning to take Homemaking Apartments 306 and to be scheduled the semester preceding 306. Assistant Professor CRAWFORD.

Discussion period, T 8. Apartment A, Living Room. Five observations of one hour each to be arranged.

306. *HOMEMAKING APARTMENTS, RESIDENCE COURSE*. Fall and spring. Credit three or four hours. To be offered in two blocks of seven weeks each. For juniors and seniors. Open to graduate students. The instructor must be consulted before registering. Registration limited to six students in each block. Students registering for the course may not carry more than twelve credit hours concurrently; more than ten not recommended. Assistant Professor CRAWFORD.

Prerequisite, Homemaking Apartments 305. Food and Nutrition 260 or equivalent is desirable. To even the semester load, it is recommended that whenever possible a second blocked course be scheduled during the part of the term that the student is not living in the apartment.

This course is planned for students who would like experience in the various phases of homemaking, such as care and management of a home, and planning, buying, preparing, and serving meals.

HOME ECONOMICS EDUCATION

The Department of Home Economics Education offers programs at both undergraduate and graduate levels. The undergraduate program contributes to the preparation of students who wish to become agents in the Extension Service and teachers in the public schools. It gives them an opportunity to develop a philosophy of Home Economics Education, to acquire an understanding of the place of Home Economics in the total educational program of the community, and to develop some skill in teaching Home Economics either in the schools or in the extension service.

The graduate program, leading to the Master's, Ph.D., and ED.D degrees, offers to experienced teachers, supervisors, college teachers, and extension workers in the subject and education fields, and to administrators, advanced courses in Home

Economics dealing with problems in secondary schools, colleges, and adult programs. It provides opportunity to work on curriculum, research, and experimental teaching projects, including work in the field.

110. *HOMEMAKING EDUCATION AND THE COMMUNITY*. Fall. Credit one hour. Home Economics Education staff; Associate Professor HOEFER, coordinator. T 9. Room 124.

This course is offered to help the student who is planning to be a homemaker to understand the place in which she may serve in educational programs in her community. It will also give her a basis for understanding ways in which Home Economics serves all members of the family. It may help her in making a vocational choice.

Opportunity will be given to observe homemaking programs which are being conducted by the extension service, public schools, and other educational agencies.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

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.

320. *EXTENSION EDUCATION*. Fall and spring. Credit two hours. Open to juniors and seniors preparing for 4-H Club or home demonstration work. This course must precede Extension Education 321. Associate Professor HOEFER.

Discussion period, F 2-4. Room 3M11.

Opportunity will be provided to observe extension and other community programs.

321. *EXTENSION EDUCATION*. Fall and spring. Credit eight hours. Associate Professor HOEFER.

Supervised field experience for one half of the term in a selected county, and conference periods for one half of the term. Prerequisite, Extension Education 320. During this term students will take Homemaking Apartments 302. Students live in the Homemaking Apartments for seven weeks and in the county in which they are doing extension work for seven weeks.

Students are assigned to cooperating counties where opportunity is provided to work with the county extension staff and to gain experience in 4-H Club and/or home demonstration work. A member of the college staff supervises this field experience. Students observe, assist, and participate in the program of the county extension groups. They should gain experience in teaching 4-H Club and/or home demonstration groups, in office management, radio, news writing, working with other county agencies, and other of the usual activities of an extension agent.

330-331. *THE ART OF TEACHING*. To be taken in two successive terms. Open to juniors and seniors preparing to teach home economics in the public schools. Assistant Professor MOSER, coordinator, assisted by Associate Professor PATTERSON, Assistant Professor CRAWFORD, Mrs. BATEMAN, Miss ELLIOTT, and cooperating teachers.

Student teachers have an opportunity to study the community and the place of home economics in the total educational program of it. They observe and participate in community activities, in the total school program, and in the Home Economics program.

330. Fall and spring. Credit two hours. This course must precede Home Economics Education 331.

Discussion period, T Th 8. Room 3M11. Field work one half-day a week.

Students visit schools for the purpose of studying homemaking programs, furnishings and equipment.

331. Fall and spring. Credit eight hours. Directed teaching for one-half of the

term and general conferences throughout the term. Hours to be arranged. Room 3M11. This course is a continuation of Home Economics Education 330. During this term the student registers for only one other course, Homemaking Apartments 302. Students live in the Homemaking Apartments for one-half of the term and in the communities in which they teach for the other half of the term.

Student teachers are assigned to cooperating schools within a reasonable distance of Ithaca. They live in the communities and work under the guidance of the local homemaking teachers and under the supervision of the Home Economics Education Staff.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the Department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Credit and hours to be arranged. Registration with permission of the chairman of the graduate committee and the instructor. Professor HUTCHINS, Associate Professors HOEFER and PATTERSON, Assistant Professors BLACKWELL, CRAWFORD and MOSER.

[435. *METHODS AND MATERIALS IN TEACHING HOME ECONOMICS*. Fall. Credit two hours. Professor HUTCHINS. *Not offered in 1950-1951.*]

437. *ADULT EDUCATION*. Fall and spring. Credit two or three hours. Associate Professor PATTERSON.

M 4 and other hours to be arranged. Room 124.

Planned for administrators, supervisors, extension agents, and teachers. Attention is focused on finding educational needs, planning programs and learning experiences for adults. Leadership, promotion, philosophy, and evaluation in adult education. Opportunity is provided for participation in adult education activities. Time must be planned for observation. Estimated cost of transportation, \$3 to \$5.

[438. *TEACHING HOMEMAKING TO ADULTS*. Fall and spring. Credit two or three hours. Associate Professor PATTERSON. *Not given in 1950-1951.*]

439. *THE TEACHING OF HOME ECONOMICS*. Spring. Credit two hours. Associate Professor PATTERSON.

T 4 and other hours to be arranged. Room 3M11.

Designed for students with teaching experience in college, extension, secondary schools, and adult programs. Attention is given to the place of discussion, demonstration, laboratory, trips, and use of radio, films, and recordings in teaching home economics. Opportunity is provided for experimenting with different teaching aids and procedures.

449. *CURRICULUM PLANNING IN HOME ECONOMICS*. Fall. Credit one hour. Students must also register for two credits of Rural Education 276. Assistant Professor BLACKWELL.

Th 4. Room 124.

For experienced teachers. Provides opportunity to apply basic principles of curriculum development in planning homemaking programs at secondary and college levels. Field work required for two half-days during semester. Estimated transportation cost, \$3.

459. *EVALUATION*. Spring. Credit two hours. Assistant Professor BLACKWELL. S 10. Room 121.

For teachers, extension agents, and research workers who are concerned with methods of evaluating education programs and of appraising individual achievement. Opportunities for constructing, using, and evaluating instruments of appraisal.

[469. *ADMINISTRATION OF HOME ECONOMICS*. Spring. Credit two hours. Professor HUTCHINS. *Not given in 1950-1951.*]

[479. *RESEARCH IN HOME ECONOMICS EDUCATION*. Credit two hours. *Not offered in 1950-1951.*]

480. *SEMINAR IN HOME ECONOMICS EDUCATION*. Fall. Credit one hour. Department staff. Professor HUTCHINS, coordinator.
W 4-6. Room 124.

481. *SEMINAR IN SUPERVISION IN HOME ECONOMICS EDUCATION*. Spring. Credit two hours. Department staff. Professor HUTCHINS, coordinator.

485. *SUPERVISION OF HOME MANAGEMENT RESIDENCE EXPERIENCE*. Spring. Credit two hours. Assistant Professor CRAWFORD.
T 9-11. Apartment A.

This course is planned for Home Management house advisers and others preparing for this type of teaching. Attention is focused on organization, supervision, and methods of teaching a residence course.

HOME ECONOMICS JOURNALISM

100. *HOME ECONOMICS JOURNALISM*. (See also Journalism 100 in the *Announcement of the College of Agriculture*.) Spring. Credit three hours. Open to sophomores, juniors, and seniors. Not to be taken by students who have had Journalism 15. Mrs. STOCKER.

M W F 10. Room 3M11.

A course to help students write clear, factual material on home economics subject matter which would be suitable for publication in newspapers, general magazines, educational periodicals, and other media.

Practice in news and feature writing, proof and copy reading, layout, the planning of illustrations, and posing of photographs. Brief survey of various fields where journalistic techniques are used, such as radio script writing, advertising, bulletin writing.

HOUSING AND DESIGN

The Department of Housing and Design aims to help the student develop, through creative experiment and guided study and observation, a greater understanding and appreciation of her daily environment and to increase her ability to make the house with its surroundings and furnishings both a background and a tool for achieving the highest degree of individual and family living.

Courses in other colleges of the University that are related to the work in Housing and Design are as follows:

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

Arts and Sciences: Courses in the *History of Art, Sociology, literature and history of various periods including the modern, Aesthetics.*

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

*100. *COLOR AND DESIGN*. Fall and spring. Credit three hours. Limited to fifteen students in a section. Associate Professors CADY and ERWAY, and Miss STRAIGHT.

FALL

<i>Lecture</i>		<i>Laboratory</i>
M 11, Room 317		W F 11-1, Room 327
F 11, Room 317		M W 11-1, Room 318
F 11, Room 317		M W 2-4, Room 318
W 10, Room 317		M F 9-11, Room 322
W 10, Room 317		T Th 11-1, Room 322
W 10, Room 317		T Th 2-4, Room 322

SPRING

<i>Lecture</i>		<i>Laboratory</i>
F 11, Room 317		M W 11-1, Room 318
F 11, Room 317		T Th 11-1, Room 318
F 11, Room 317		T Th 2-4, Room 318
W 8, Room 317		M F 8-10, Room 322
W 8, Room 317		T Th 11-1, Room 322
W 8, Room 317		T Th 2-4, Room 322

A study of the basic principles of color and design through laboratory experiment, 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. Minimum cost of materials, \$7.

130. *HOTEL FURNISHING AND DECORATING*. Fall and spring. Credit two hours. For students in hotel administration. Advised for juniors. (For description, see *Announcement of the Department of Hotel Administration*.)

[160. *CONTEMPORARY ART*. Fall. Credit two hours. Professor TRUE. *Not offered in 1950-1951.*]

200. *ADVANCED COLOR AND DESIGN*. Fall. Credit two hours. Prerequisite, Housing and Design 100 or equivalent. Limited to fifteen students. Miss STRAIGHT. M W 2-4. Room 322.

A continuation of Housing and Design 100, with further study in the field of color, organic form, and composition through laboratory experiment, reading, art gallery observation.

210. *HANDICRAFTS STUDIO*. Fall. Credit two hours. Prerequisite, Housing and Design 100; and 211 must precede or parallel this course. Associate Professor ERWAY. T Th 11-1. Room 318.

A course to develop creative expression through experimentation with various materials and processes such as bookbinding, both for new books and in repair of old books, block printing, weaving, stitchery, and other crafts. Helpful to students interested in occupational therapy, camp work, teaching, and homemaking. Minimum cost of materials, \$7.

211. *HANDICRAFTS AROUND THE WORLD*. Fall. Credit one hour. Prerequisite, Housing and Design 100. Associate Professor ERWAY.

Th 10. Room 317.

A lecture course on the development of handicrafts from prehistoric times to the present, showing how creative expression and the desire for art have developed through the civilizations, and their effect on daily living and American industry.

*220. *HOME FURNISHING*. Fall and spring. Credit three hours. (Four hours outside work in laboratory required.) For sophomores and upperclassmen. Prerequisite, Housing and Design 100. Limited to fifteen students in each section. Associate Professors CADY and WILKERSON, and Miss ———.

FALL

Lecture

F 10, Room 317
 F 10, Room 317
 F 10, Room 317
 M 9, Room 317
 M 9, Room 317
 W 12, Room 317

Laboratory

M W 9-11, Room 401A
 W F 2-4, Room 401A
 T Th 11-1, Room 401A
 W F 9-11, Room 327
 T Th 2-4, Room 327
 M F 11-1, Room 408

SPRING

Lecture

W 12, Room 317
 W 2, Room 317
 W 12, Room 317
 W 2, Room 317
 M 9, Room 317
 M 9, Room 317

Laboratory

M F 11-1, Room 408
 M F 2-4, Room 401A
 T Th 11-1, Room 408
 T Th 2-4, Room 401A
 T Th 11-1, Room 327
 W F 9-11, Room 327

The selection of furniture. Cost in relation to value. Features of construction and study of woods. Arrangement of furniture. Architectural features of rooms and their relation to furnishing. The study of color and textiles in relation to home furnishings. Study of lighting problems.

235. *HOME FURNISHING*. Fall and spring. Credit three hours. For juniors and seniors. Limited to fifteen students in each section. Prerequisites, Housing and Design 100 and 220. Professor ———.

M W 1:40-4:30, W F 10-1, T Th 1:40-4:30. Room 401B.

Primarily for students planning to teach in secondary schools or extension. Application of art principles and techniques in furnishing problems. Practice in the care, repair, remodeling, and refinishing of furniture; in improving storage facilities; and in the selection and use of fabrics for homes in the lower income group. Opportunity will be given the students to prepare teaching materials. Cost of materials, minimum \$7.50.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

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.

305. *FASHION ILLUSTRATION*. Spring. Credit three hours. Prerequisites, Housing and Design 100 and Architecture 340, or equivalent. Clothing courses desirable. Miss STRAIGHT.

M W 10-1. Room 322.

Introductory course for the fashion illustrator. Layouts for fashion advertisements, techniques for reproduction processes in newspaper and magazine fashion illustration, fashion figure styles, presentation of work. Minimum materials, \$7.

311. *APPLIED TEXTILE DESIGN*. Spring. Credit two hours. Limited to nine students. Prerequisites, Housing and Design 100 and 220. Associate Professor ERWAY.

M W 8-10. Room 318.

Experimentation with colors, designs and textures. Processes such as stenciling, block printing, batik, and weaving. Experimenting on various materials, giving an opportunity to develop an appreciation of textiles and their appropriate use.

320. *HISTORIC FURNITURE AND INTERIOR DESIGN*. Fall. Credit two hours. Prerequisite, Housing and Design 220. Associate Professor WILKERSON.

T Th 11. Room 317.

Development of furniture styles and interior design through the major historic periods, showing recurrence of structural forms adapted and modified, and reflecting economic, political, and social aspects of the periods.

325. *FURNISHINGS—SPECIAL EMPHASIS ON DESIGN OF FURNITURE AND BACKGROUND OF ROOMS*. Spring. Credit three hours. Prerequisite, Housing and Design 220. Limited to fifteen students. Associate Professor CADY.

Lecture, F 2. Room 317. Laboratory, M W 2-4. Room 327.

Planning, designing, built-in storage; working drawings; selection of form and scale; color; fabrics; evaluation of design quality of upholstered furniture; corrective design. One field trip.

339. *SEMINAR IN FURNISHINGS*. Fall. Credit one hour. Primarily for upper-classmen and graduate students. Associate Professor WILKERSON and department staff.

M 4. Room 3M11.

346-347. *INTRODUCTION TO HOUSING*. Fall and spring. Credit three hours each term. First registration may be in either term. Both terms recommended but not required. Open to juniors, seniors, and graduate students, with the consent of the instructor. Associate Professor MONTGOMERY.

M W F 9. Room 3M11.

An introductory course in housing; inventory, needs, planning, design, construction, cost and finance, social and physical environments, current trends and research in relation to the family to be housed.

348-349. *SOCIAL ASPECTS OF HOUSING*. Fall and spring. Credit three hours each term. First registration may be in either term. Both terms recommended but not required. Prerequisites, Housing and Design 346 and 347, or consent of instructor. Open to qualified upperclassmen and graduate students. Associate Professor MONTGOMERY.

M W F 11. Room 3M11.

A special treatment of the more important social aspects of housing. These and related topics will be examined: the house and the modern family, home ownership, the house and health, legal and governmental influences, community interest groups and attitudes.

400. *SEMINAR IN CURRENT HOUSING PROBLEMS*. Spring. Credit three hours. Registration by permission of the instructor in charge based upon student's training, experience, and interest. Professor BEYER and outside speakers.

M 4-6. Room 3M11.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the Department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Registration with permission of the instructor. Professors BEYER and TRUE, Associate Professors CADY, ERWAY, MONTGOMERY and WILKERSON.

[425. *HOUSE FURNISHINGS, GRADUATE COURSE FOR EXTENSION WORKERS*. Spring. Credit six hours. Prerequisite, undergraduate courses in Furnishings, and/or experience in extension furnishings work. Registration by permission of the instructor. *Not offered in 1950-1951.*]

INSTITUTION MANAGEMENT

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 and Green Room, where approximately 2,500 patrons are fed each day. Practice experience in other food service units on the campus is available. The content of courses includes organization and administration procedures, the selection, care, preparation, and service of food in quantity, menu planning, personnel management, accounting and food control, kitchen planning, and the selection and care of institution equipment and furnishings.

Courses in other colleges of the University that are related to the work in Institution Management are in *Personnel Administration*; *Job Analysis*; *Audio-Visual Methods*; *Animal Husbandry*; *Agricultural Marketing*; *Food Economics*; *Bacteriology*; *Mathematics*.

Summer Practice Requirement. Students preparing for positions in the field of Institution Management are expected to meet a summer practice requirement (see page 22).

100. INSTITUTION FOOD SERVICE. Fall and spring. Credit three hours. May be elected by any undergraduate. Required of students majoring in Institution Management. The term is divided into two blocks: fall term, two sections in each block; spring term, one section in each block. One hour of lecture runs throughout the term for the entire group registered in the course. Assistant Professor RIPLEY and Miss -----.

Lecture running throughout the term, F 2, Amphitheatre.

Laboratory discussion running for the duration of the block, M 2. Fall term, Room 124; spring term, Room 339.

Practice laboratory, *fall*, section I, M W F 11-1:30; section II, T Th S 11-1:30; *spring*, one section only, T Th S 11-1:30. Cafeteria. In addition, one catering assignment by arrangement.

Fall: first block, September 20 through November 11; second block, November 13 through January 20.

Spring: first block, February 5 through April 3; second block, April 4 through May 26.

White uniform, hose, and hair net must be worn for all laboratories including the first one scheduled.

Practical experience in serving and meeting the public is provided in the Home Economics tea room and cafeteria, where approximately 2,500 persons are served daily. The course includes analysis of vocational opportunities in the field of institution management; study of various types of food service enterprises, with special emphasis on menu variations, mechanics of service, the general physical set-up, and efficiency of personnel.

200. QUANTITY FOOD PREPARATION, ELEMENTARY COURSE FOR HOTEL STUDENTS. Credit three hours. For students in hotel management. Prerequisite, Food and Nutrition 120 or equivalent experience. (For description, see *Announcement of the Department of Hotel Administration*.)

210. QUANTITY FOOD PREPARATION: PRINCIPLES AND METHODS. Credit four hours. For students in hotel administration. Prerequisite, Food and Nutrition 220 or equivalent experience. (For description, see *Announcement of the Department of Hotel Administration*.)

220. FOOD SELECTION AND PURCHASE FOR THE INSTITUTION. Fall and spring. Credit three hours. Preferably taken in the junior year. May be taken

in the sophomore year on the recommendation of the Class Counselor. 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 260, Food Economics 160, and Animal Husbandry 92 are suggested to precede or parallel this course. Professor HARRIS and Miss MOORE.

Lectures and discussion, T 9, Th 9-11. Room G 62.

A discussion of sources, standards of quality, grades, bases of selection, methods of purchase, care, and storage of various classes of food. A one-day trip to Elmira, Syracuse, or Rochester markets will be included. Estimated cost of trip, \$6.

230. *QUANTITY FOOD PREPARATION: PRINCIPLES AND METHODS*. Fall and spring. Credit five hours. Should be taken in the junior year. May be taken in the sophomore year on the recommendation of the Class Counselor. Advised for all students specializing in institution management; others by permission of the instructor. Prerequisites, Institution Management 100, Food and Nutrition 215 or 225. Should parallel Institution Management 220. Miss MOORE.

Discussion, M 9. Room G62. Practice, W F 8-1:30. Room G62 and Cafeteria.

White uniforms, hose, and hair nets are required, beginning with the first laboratory scheduled.

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.

TEA ROOM AND CAFETERIA ACCOUNTING. (*Hotel Accounting 240.*) Fall and spring. Credit three hours. Recommended for the sophomore or junior year. Associate Professor COURTNEY and assistants.

Lecture, T 10; practice, T Th 2-4:20. Annex.

An elementary course in simple accounting using as illustrative material the accounting records of the cafeteria and the tea room. Cash and credit transactions, checkbook and deposit records, journal and ledger entries are studied, as well as trial balances, profit and loss statements, and balance sheets.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged.

For students recommended by the Counselor 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.

310. *CATERING*. Fall and spring. Credit three hours. Open to seniors majoring in institution management or hotel administration; to graduate students by permission of the instructor. Prerequisite, Institution Management 200, 210, 230, or equivalent experience. Special catering assignments require 15 to 20 hours in addition to the scheduled laboratories. Miss ———.

Laboratory, fall term T or Th 8:30-2 or W 2-7:30; spring term T or Th 8:30-2. Discussion Saturdays 9. Green Room. Conference hours by appointment.

White uniforms, hose, and hair nets are required for the women, chef's uniforms with caps for the men, beginning with the first laboratory scheduled.

Practice in organizing work, making menus, calculating costs, preparing and serving food for dinners and other catering projects as assigned.

320. *INSTITUTION ORGANIZATION AND ADMINISTRATION*. Spring. Credit four hours. Primarily for seniors; open to graduate students. Advised for all students specializing in institution management or dietetics. Prerequisites, Institu-

tion Management 230 and Accounting 240. Hotel Administration 119 or Industrial and Labor Relations 50, and Textiles and Clothing 310 are suggested. Registration with permission, see page 21. Professor HARRIS.

M F 2-4. Room 124.

Analysis and interpretation of major administrative problems such as physical plan of a food service organization, policies underlying the plan, financial management, personnel relationships, job specifications, training employees, planning of efficient kitchens, and selection of equipment. A one- or two-day trip to Syracuse or Rochester to visit various types of institutions will be included. Estimated cost of trip, \$6 to \$12.

330. *QUANTITY FOOD PREPARATION AND CATERING, ADVANCED COURSE*. Fall and spring. Credit five hours. Open to seniors majoring in institution management or hotel administration, and to graduate students who have obtained the approval of the instructor before registering. Advised for all students who are interested in commercial food service or food promotion. Prerequisite, Institution Management 200, 210, or 230. Special catering assignments require 25 to 30 hours in addition to the scheduled laboratories. Assistant Professor RIPLEY.

Laboratory, T Th 8:30-2. Discussion, S 9. Green Room. Conference hours by appointment.

White uniforms, hose, and hair nets are required for the women, chef's uniforms with caps for the men, beginning with the first laboratory scheduled.

Practice in organizing work, requisitioning food supplies, making menus, calculating costs, supervising service and preparing food for luncheons and dinners and other catering projects as assigned.

350. *INSTITUTION PRACTICE*. Fall and spring. Credit three hours. Open to a limited number of seniors and graduate students majoring in institution management, with the permission of the instructor. Practice assignments require approximately 10 hours a week for the full semester. Conference hour to be arranged. Students will meet with the instructor the first day of the term, 4-5, G64. Professor HARRIS.

Practice work in one of the food service units on the campus, in the commissary or at the Memorial Hospital. Students will be assigned specific jobs in the unit and rotated to the extent that this is possible without jeopardizing the flow of work. Students will receive meals when on the job, or an equivalent cash wage.

[400. *READINGS IN INSTITUTION MANAGEMENT*. Spring. Offered in alternate years. Credit one hour. Registration with the permission of the instructor. Hours to be arranged. Professor HARRIS. Not given in 1950-1951.]

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the Department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. For graduate students with training and experience satisfactory to the instructor. Hours to be arranged. Professor HARRIS and Assistant Professor RIPLEY.

Individual research in the area in which the student is particularly interested or in a study already set up in the Department. Food-control procedure, job analyses, motion and time studies, experimentation, development of standardized procedures in quantity food preparation with emphasis on palatability and vitamin retention, and determination of factors underlying efficient kitchen planning are suggestive of the field in which there is vital need for research.

410. *SEMINAR IN INSTITUTION ORGANIZATION AND ADMINISTRATION PROBLEMS.* Spring. Offered in alternate years. Credit one hour. By arrangement. For graduate students with adequate training in institution management. Professor HARRIS and departmental staff.

TEXTILES AND CLOTHING

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

The 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.

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

100. *CLOTHING SELECTION AND CONSTRUCTION.* Fall and spring. Credit three hours. Prerequisite, Textiles and Clothing 101. Each section limited to twenty students. Associate Professors SCOTT, HUMPHREY, and BUTT, Assistant Professor SINGLETON, and Miss ADAM.

<i>Fall</i>	
W F	8-11, Room 217
M W F	11-1, Room 217
M W	2-4:40, Room 215
M W	2-4:40, Room 234

<i>Spring</i>	
M W F	11-1, Room 217
M W	2-4:40, Room 217
T Th	8-11, Room 215

A course concerned with the selection of dress materials, designs suitable for each student, and methods of construction. Students make two or more garments using commercial patterns after conference with the instructor to determine the type of experience needed.

Materials are provided by the student. Estimated cost of materials, \$10 to \$20.

*101. *CLOTHING: SELECTION, PURCHASE, CARE.* Fall and spring. Credit three hours. Each section limited to twenty students. Associate Professor BUTT, Miss ADAM, Miss REUNING, and ———.

Fall: Lecture, F 10. Amphitheatre. Laboratories, M W 11-1 or 2-4 and T Th 8-10, 11-1 or 2-4. Room 213.

Spring: Lecture, F 10. Amphitheatre. Laboratories, M W 11-1 or 2-4, T Th 11-1 or 2-4. Room 213.

A course designed to help students to develop an appreciation of the factors that contribute to a satisfactory appearance. The laboratory work will consist of discussions and practice in the selection of dress designs, fabrics, and colors for individuals; problems in caring for the wardrobe; personal grooming; buying of clothes; and in the selection and use of source material. Estimated cost of materials, \$3 to \$5.

105. *CLOTHING SELECTION AND CONSTRUCTION.* Spring. Credit two hours. Intended exclusively for students outside the College of Home Economics. Limited to eighteen students. Assistant Professor SINGLETON.

M W 2-4. Room 215.

For students who wish experience in the selection of dress materials and of designs

suitable for their own needs and in methods in the construction of garments. Materials provided by the student. Estimated cost of materials, \$10 to \$20.

110. *FITTING, FLAT PATTERN DESIGN, AND CONSTRUCTION*. Fall and spring. Credit two hours. Suggested for sophomores. Textiles and Clothing 100 required and 210 to precede or parallel this course. Each section limited to twenty students. Assistant Professor SINGLETON and Miss ADAM.

<i>Fall</i>		<i>Spring</i>	
T	Th 9-11, Room 215	M	W 2-4, Room 234
T	Th 2-4, Room 215	T	Th 11-1, Room 215
M	W 11-1, Room 234		

A course in flat pattern making which provides opportunity to develop greater independence, proficiency, and judgment in designing, fitting, and constructing clothing. Throughout the course emphasis is placed on methods and techniques used in obtaining a well-fitting garment. Students fit a foundation pattern in muslin following the careful taking of body measurements. A master pattern of manila tag is made from which flat patterns and dress designs are developed. After consideration and study of individual proportions, each student constructs and finishes one garment from a pattern which she has developed. All materials are to be purchased by the student after conference with the instructor. Estimated cost, \$15-\$20.

[120. *GROOMING AND PERSONAL APPEARANCE*. Spring. Credit two hours. Open to all students who have not taken Textiles and Clothing 101 or its equivalent. Associate Professor BUTT.

For students interested in the factors that contribute to a satisfactory appearance. Evaluation and application of subject matter in the field of grooming. Renovation and care of wearing apparel. Estimated cost of materials, \$3. *Not offered in 1950-1951.*]

130. *TEXTILES: CLOTHING FABRICS*. Fall and spring. Credit two hours. Each section limited to twenty students. Miss WHITE.

Fall: M W 2-4, or T Th 2-4, Room 278.

Spring: T Th 2-4, Room 278.

A study of textile fibers and their identification through simple laboratory tests; technical information and laboratory practice to develop good buying habits and to encourage proper use and care of fabrics and clothing; consideration of some of the factors involved in the production and consumption of textiles; the study of clothing fabrics in the present-day market as a means of developing aesthetic appreciation of quality and design. Estimated cost of materials, \$3.

140. *HOTEL TEXTILES*. Fall. Credit two hours. For sophomore, junior, and senior students in the Department of Hotel Administration. Professor BLACKMORE. (For description, see *Announcement of the Department of Hotel Administration*.)

150. *MEN'S WEAR: SELECTION, PURCHASE, CARE*. Spring. Credit two hours. Open to all men registered in the University. Associate Professor HUMPHREY.

T Th 2-4. Room 234, Martha Van Rensselaer Hall.

A course in judging and selecting ready-to-wear garments from the standpoint of quality in fabrics; selection of clothes and accessories for suitability to individual needs. Care of clothes will include experience in cleaning and pressing of suits, coats, and accessories. Emphasis in this course will be determined by the interests and needs of the students. Estimated cost of materials, \$3 to \$5.

200. *PATTERN DESIGN: FITTING AND DRAPING*. Fall and spring. Credit

three hours. Prerequisites, Textiles and Clothing 100, 110, and 210 or the equivalent. Each section is limited to twenty students. Associate Professor SCOTT and Assistant Professor SINGLETON.

Fall: T Th 1:40-4:30, Room 217.

Spring: T Th 9-12, Room 217; T Th 1:40-4:30, Room 217.

A course to develop more understanding and skill in designing and fitting through draping on a dress form. Laboratory work in preparation of a dress form.

Other laboratory problems include draping a basic pattern and the use of a foundation pattern to adapt commercial patterns to individual figures. Study of proportion and use of line in relation to the individual. Dress materials provided by the student after consultation with the instructor. Estimated cost of materials, \$10 to \$20.

[205. *CLOTHING OF THE FAMILY*. Fall and spring. Credit two hours. Primarily for upperclass students interested in child development and family relationships, teaching, and social work. Laboratory and field practice. Associate Professor

T Th 2-4. Room 234.

A course to help students gain further experience in dealing with clothing problems of families, with special emphasis on the changing needs of growing children. There is opportunity for planning of special projects to meet the individual student's needs; for participating in group work such as the Clothing Clinic for homemakers; for cooperating on a study of clothing requirements of preschool children; for contacting homemakers through individual interviews and group discussions; for developing more skill in selection, construction, remodeling, and repair of clothing. *Not offered in 1950-1951.*]

210. *DRESS SELECTION AND DESIGN*. Fall and spring. Credit two hours. 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 or by those who have taken Textiles and Clothing 105 and are recommended by their instructor. Each section is limited to sixteen students. Associate Professor McMURRY and Miss ADAM.

Fall

W F 9-11, Room 216

M W 2-4, Room 216

T Th 9-11, Room 216

Spring

M W 2-4, Room 216

T Th 9-11, Room 216

Opportunity is offered for creative experience in dress selection and design and to help develop appreciation of fine design and skill in achieving beauty of costume in relation to the wearer.

Laboratory practice includes the study of design problems in clothing from the points of view of individual expression, age, coloring, and figure; experimentation with fabric combinations; color analysis; experience in the use of source material as inspiration for original designs; and other problems adapted to the needs and interests of the students. Materials provided by the student. Estimated cost of materials, \$5.

235. *SCIENCE RELATED TO TEXTILES*. Spring. Credit two hours. Prerequisites, Food and Nutrition 215, or Elementary Organic Chemistry, or the equivalent of these, and Textiles and Clothing 130 or 310. Section limited to 12 students. Miss WHITE.

W F 8-10. Room 353.

A course concerned with the chemistry involved in the study of fabrics. Laboratory work includes observation of the chemical properties of the major fibers used in

clothing and household fabrics; analysis of antiperspirants; stain removal by methods which can be adapted for home use; simple performance tests on fabrics and evaluation of these and standard tests.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

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. Students are to assume any expense involved unless otherwise previously arranged.

[310. *HOUSEHOLD TEXTILES*. Spring. Credit two hours. For juniors, seniors, and graduate students. (Graduate students should see Textiles and Clothing 410 and consult with the instructor.) Section limited to 20 students. Professor BLACKMORE.

T Th 9-11. Room 278.

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. A study of 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 is planned. (If trip is possible, students will be responsible for transportation and living expenses involved.) Estimated cost of materials, \$3. *Not offered in 1950-1951.*]

[320. *PROBLEMS IN BUYING CLOTHING*. Fall and spring. Credit three hours. For upperclassmen and graduate students. Associate Professor ----- . *Not offered in 1950-1951.*]

330. *HISTORY OF COSTUME*. Fall. Credit three hours. For upperclassmen and graduate students. Associate Professor McMURRY.

M W F 2. Room 339.

A course aimed to develop appreciation of costume as an expression of the life of the people and of historic costume as a basis for designing stage and modern civil costume.

The course is conducted through lectures, reference reading, and discussion. Development of a special problem selected by the student to meet individual needs. Costume collections and rare reference books are made available. Estimated cost of materials, \$5 to \$10.

340. *ADVANCED DRESSMAKING*. Fall. Credit three hours. Prerequisite, Textiles and Clothing 200 or the equivalent. For upperclassmen and graduate students. Registration limited to sixteen students. Associate Professor HUMPHREY.

T Th 9-12. Room 234.

A course in advanced construction methods. Emphasis in this course will be given to finishing details and the handling of unusual fabrics and designs. Some experience will be given in the use of special fabrics used in trade dressmaking. Two garments will be made. Materials provided by the students. Estimated cost of materials, \$20 to \$35.

345. *TAILORING*. Spring. Credit three hours. Prerequisite, Textiles and Clothing 200 or the equivalent. For upperclassmen and graduate students. Registration limited to sixteen students. Associate Professor HUMPHREY.

T Th 9-12. Room 234.

A course in custom tailoring which offers the opportunity of developing discriminating judgment in the selection of designs, suitable fabrics, and quality of construction detail. Materials provided by the student after consulting the instructor. Estimated cost of materials, \$25 to \$50.

350. *TEXTILES: ADVANCED COURSE*. Fall. Credit two hours. Prerequisite, Textiles and Clothing 130 or 310 or the equivalent. Miss WHITE.

W F 11-1. Room 278.

A study of textiles with emphasis on physical properties of fiber, yarn, and fabric as they affect satisfactions to be obtained by the consumer. Sources of textile information. Practice in the use of laboratory equipment and instruments; standard procedures are used when possible. Development of a special problem selected by the student to meet individual interests. Estimated cost of materials, \$5 to \$15.

400. *DRESS DESIGN: ADVANCED COURSE*. Spring. Credit three hours. Prerequisites, Textiles and Clothing 200 and 340, or their equivalent. The instructor should be consulted before registering. Associate Professor McMURRY.

T Th 1:40-4:30. Room 215.

A course in advanced dress design with emphasis on the further development of originality and proficiency in designing. Opportunity is given to investigate sources of design ideas, practice various methods of designing, and build a collection of source materials for professional or personal use.

Laboratory practice includes the development of a series of designs by draping and flat pattern. One or more special problems will be undertaken by the student to meet individual needs. Estimated cost of materials, \$5 to \$35.

Included in the course plan is a two-day trip to New York to study museum exhibits and designers' collections. When the trip is taken students are responsible for transportation and living expenses involved.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the Department and the instructor in charge for independent, advanced work. Students to assume any expense involved unless otherwise previously arranged.

407. *THESIS AND RESEARCH*. Fall and spring. Registration with permission of the instructor. Professor BLACKMORE, Associate Professors BUTT, McMURRY, HUMPHREY, and SCOTT, and Assistant Professor RYAN.

[410. *SEMINAR IN TEXTILES*. Spring. Credit one hour. Prerequisite or parallel, Textiles and Clothing 310. Required of graduate students taking Household Textiles 310. Consult the instructor before registering. Hours to be arranged. Professor BLACKMORE. *Not offered in 1950-1951.*]

430. *SEMINAR IN TEXTILES AND CLOTHING*. Spring. Credit two hours. For graduate students. Department staff. Assistant Professor RYAN.

W F 2-4. Room 278.

Critical review of literature concerned with clothing as it affects human behavior.

SOME COURSES IN OTHER COLLEGES FOR HOME ECONOMICS STUDENTS

(Students should refer to the *Announcements* of the several colleges for complete course offerings.)

AGRICULTURAL ENGINEERING 10. Household Mechanics. Fall and spring. Credit three hours. For women students. Not open to freshmen. Professor WRIGHT and assistants.

Lectures, T Th 12. Caldwell 100. Practice, W Th or F 2-4:30; F 9-11:30. Agricultural Engineering Laboratories.

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 on automobiles, electrical appliances, water systems, plumbing, faucet repairs, and some common simple machines.

ANIMAL HUSBANDRY 92. Meat and Meat Products. Fall and spring. Credit two hours. Not open to freshmen. Designed primarily for students in the College of Home Economics. Registration limited to sixteen students in each laboratory section. Assistant Professor WANDERSTOCK.

Lecture, Th 11. Wing B. Laboratory, Th or F 2-4:20. Meat Laboratory.

A course dealing with the major phases of meats—wholesale and retail buying, nutritive value, cutting, freezing, curing, canning, cooking, and miscellaneous topics.

BACTERIOLOGY 4. Household Bacteriology. Spring. Credit three hours. Prerequisite, Elementary Chemistry. Limited to students in Home Economics. Mr. VanDemark and assistants.

Lectures, T Th 10. Laboratory, T Th 8-9:50 or T Th 11-12:50. Stocking.

An elementary, practical course for students in Home Economics, stressing food bacteriology.

BIOCHEMISTRY 10. Elements of Biochemistry. Fall. Credit four hours. Prerequisite Chemistry 303 and 305 or Food and Nutrition 215. Assistant Professor DANIEL.

Lectures and discussion, M T Th S 8. Savage 145.

Primarily for students in the College of Home Economics. An elementary course dealing with the chemistry of biological substances and their transformations (digestion and metabolism) in the animal organism.

BIOCHEMISTRY 11. Elements of Biochemistry. Fall. Credit two hours. Prerequisite or parallel, Biochemistry 10. Assistant Professor DANIEL and assistants.

Laboratory, T Th 2-4:20 or W 2-4:20 and S 9-11:20. Savage 210.

Laboratory practice with biochemical substances and experiments designed to illustrate chemical reactions which may occur in the animal body.

BIOLOGY 9. Biological Basis of Social Problems. Spring. Credit three hours. May not be taken for credit after Biology 1. No prerequisites. Assistant Professor UHLER.

Lecture and demonstration, T 9, Th 9 and 2, plus one discussion period per week to be arranged.

An elementary course designed especially to furnish a background in biological science for students in the College of Home Economics who intend to enter the field of nursery school teaching, though open to other interested students as well. The first third of the course is spent reviewing such topics as the cell, protoplasm, metabolism, reproduction, and embryology; the second third on heredity with special emphasis on human inheritance; and the latter part of the course on the application of biological principles to social problems, i.e., race, intelligence, differential fertility, eugenics, etc.

CLINICAL AND PREVENTIVE MEDICINE 375. Public Health Nutrition Techniques. Fall. Credit one hour. Registration by permission. Mrs. BERRESFORD. W 9. Savage Hall.

A discussion of the function of the public health nutritionist in official and voluntary agencies at the national, state, and local level, and a study of various techniques employed in executing a nutrition program, such as low-cost budgeting, racial diet patterns, interviewing, evaluation and preparation of educational materials and

visual aids, clinic procedures, consultation to institutions, and nutrition education in schools.

Note: Attention is called to Clinical and Preventive Medicine 108, *Mental Hygiene*, and 202, *Personal and Community Responsibility for Health*. For details, and for other courses in that Department, see the *Announcement of the Independent Departments*, page 19.

HUMAN GROWTH AND DEVELOPMENT 201-202. Not open to freshmen. Credit three hours a term. Prerequisite, a laboratory science, preferably general biology or zoology. *Course 201* is prerequisite to *Course 202*.

Course 201. Fall. Professor PAPEZ.

Lectures, T Th 10. Stimson G25. Recitations, M 8, T 8, 9, 11, 12, Th 8, F 8, 10, 11. Stimson 324.

Course 202. Spring. Professor FREEMAN.

Lectures, T Th 10. Recitations, T 8, 9, Th 9, 11, F 8, 10, S 10. Stimson G25.

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.

PHYSIOLOGY 303. Human Physiology. Fall and spring. Credit three hours. Prerequisite, a previous course in biology and in chemistry (high school or college). Open to students in the Colleges of Arts and Sciences, Home Economics, Agriculture, and others. Professor DYE and Mr. O'TOOLE.

M W F 10. Room to be announced.

This is an introductory course designed particularly to present fundamental and practical information concerning the physiological processes and systems of the human body. Lectures, illustrations, and demonstrations.

PSYCHOLOGY 103. Educational Psychology. (See also Rural Education 111.) Fall. Credit three hours. Prerequisite, Human Growth and Development or Rural Education 10. Other qualified students may be admitted on consent of the instructor. Not open to freshmen. Professor FREEMAN.

M W F 11. Goldwin Smith 236.

Note: Attention is called also to Psychology 351-352, *Psychological Tests*; Psychology 410, *Individual Differences*; and Psychology 562, *Seminar on Human Development and Behavior*. For details see the *Announcement of the College of Arts and Sciences*, pages 109-111.

RURAL EDUCATION 107. The Teaching of Nature Study and Elementary School Science. Spring. Credit two hours. Open to juniors, seniors, and graduate students. Assistant Professor GORDON.

Lecture, S 8. Practical exercises for students interested primarily in education of children of preschool age, F 2-4:30. Fernow 8.

A consideration of content and method, with field studies and laboratory techniques useful in the home, the school, and the summer camp.

RURAL EDUCATION 111. Educational Psychology. Spring. Credit three hours. Prerequisite, Human Growth and Development. Not open to freshmen. Mr. ———.

M W F 9. Warren 201.

RURAL EDUCATION 190. Social Foundation of Education. Fall and spring. Credit three hours. Must be approved by the instructor in charge. Professor MOORE.

Fall term: M W F 9, Warren 240. *Spring term:* M W F 11, Warren 240.

Evaluation of the school as a social institution and emphasis upon the role the school must play in a democratic society.

SOCIOLOGY AND ANTHROPOLOGY 101. *Introduction to the Study of Society.* Fall and spring. Credit three hours. Open to all students although primarily intended for freshmen. Not open to those who have credit for Social Science 1 or Rural Sociology 1. Messrs. BARRON, FOOTE, and staff.

M W F 8, 10, 12 or 2; T Th S 8, 10, or 11.

An introduction to the study of societies as interrelated systems; selected major problems of contemporary American society as seen in the context of our own social system; social factors in personality formation.

SPEECH AND DRAMA 131. *Voice Training.* Fall and spring. Credit two hours. Open to freshmen. Consult the instructor before registering. Fall term, Professor THOMAS; spring term, Mr. GRAHAM.

T Th 12.

EXTENSION TEACHING AND INFORMATION ORAL AND WRITTEN EXPRESSION

101. Oral and Written Expression. Fall and spring. Credit two hours. Open to juniors and seniors. The number in each section is limited to twenty students. Students should consult Professor Peabody for assignment to sections. Professor PEABODY, Assistant Professors FREEMAN and MARTIN, and Mr. LUEDER.

Lectures and practice: *Fall*, M W 9, T Th 9 or 11, W F 10, Roberts 131; *spring*, M W 9, T Th 9 or 11, Roberts 131. Criticism, by appointment, daily, 8-5, S 8-1.

Practice in oral and written presentation of topics in agriculture, with criticism and individual appointments on the technique of public speech. Designed to encourage interest in public affairs, and, through demonstrations and the use of graphic material and other forms, to train for effective self-expression in public. Special training is given to competitors for the Eastman Prizes for Public Speaking and in the Rice Debate contest.

102. Oral and Written Expression. Spring. Credit two hours. Prerequisite, course 101 of which course 102 is a continuation. Professor PEABODY and Assistant Professor FREEMAN.

Lectures and practice, T Th 10, W F 10. Roberts 131. Criticism, by appointment, daily 8-5, S 8-1.

A part of the work of Course 102 consists of a study of parliamentary practice.

104. Advanced Oral Expression. Spring. Credit two hours. Prerequisite, Courses 101 and 102. Limited to nine students. M W 12. Roberts 492. Professor PEABODY.

An advanced course of study and practice in oral expression as directly related to the needs of the county agricultural agent, the home demonstration agent, the 4-H Club leader, and the extension specialist.

JOURNALISM

15. Elements of Journalism. Fall. Credit three hours. Assistant Professor BURCH. M W F 11. Warren 125.

An introductory course dealing with home economics and agricultural publications, daily and weekly newspapers, trade journals, book publishing, advertising, and other fields related to journalism.

100. Home Economics Journalism. (See also page 66.) Spring. Credit three hours.

Open to sophomores, juniors, and seniors. Not to be taken by students who have had Journalism 15. Mrs. STOCKER.

M W F 10. Martha Van Rensselaer 124.

A course to help students write clear, factual material on home economics subject matter which would be suitable for publication in newspapers, general magazines, educational periodicals, and other media.

Practice in news and feature writing, proof and copy reading, layout, the planning of illustrations and posing of photographs. Brief survey of various fields where journalistic techniques are used, such as radio script writing, advertising, bulletin writing.

110. *News Writing*. Spring. Credit two hours a term. Prerequisite, Course 15 or 100. Associate Professor KNAPP.

Th 2-4. Roberts 492.

Primarily writing agricultural and home economics news for publication; includes criticisms, discussions, and consultations on published material written by students in the course.

112. *Advertising and Promotion*. Spring. Credit two hours. Open to juniors and seniors. Professor WARD and guest lecturers from advertising agencies.

T 2-4. Warren 125.

113. *Writing for Magazines*. Spring. Credit two hours. Not open to freshmen. Professor WARD.

M 2. Warren 201.

A course dealing chiefly with the writing of fact articles for publication in agricultural or home economics or general magazines. Students may write on any subjects they choose. The articles and publication markets will be analyzed.

RADIO

120. *Radio Broadcasting*. Fall and spring. Credit three hours. Assistant Professor KAISER and Mr. RICHARDS.

T Th S 9. Warren 325.

An introductory course to familiarize students, particularly those in Agriculture and Home Economics, with the best methods of presenting ideas by radio and with radio studio procedure. Practice includes auditions and criticisms for all members of the class in preparing and presenting radio talks; continuity writing and program arrangements.

121. *Radio Production and Programming*. Spring. Credit two hours. Prerequisite, Course 120. Assistant Professor KAISER and staff.

T 2-4. WHCU Campus Studio.

A comprehensive course in radio writing, program planning, and presentation. The course will cover the actual gathering and correlating of material, transcribing, and discussion of results. Students will be assigned regular program problems which they will carry through to completion. Field work is handled with wire and tape recorder.

VISUAL AIDS

130. *Photography*. Spring. Credit two hours. Limited to 25 students. Open to juniors, seniors, and graduate students. Primarily intended for those who plan to enter fields of work in which a knowledge of photographic principles is important. Registration by permission only. Associate Professor PHILLIPS and Messrs. MAURER and KRUSE.

Lecture and laboratory, S 9-12. Roberts 492.

A course which deals with the techniques of photography to be used in newspapers, magazines, bulletins, film strips, motion pictures, and other media. The laboratory includes work in processing for the different media.

131. *Visual Aids—Their Scope, Preparation, and Use*. Fall. Credit two hours. Open to juniors, seniors, and graduate students. Associate Professor PHILLIPS and department staff.

Lecture and demonstration, S 9–11. Roberts 392.

A course designed to familiarize the student with the forms, purposes, preparation, and use of all types of visual aids (slide sets, motion and news photography, exhibits, posters, and other media) useful to teaching, promotion, or public relations problems. Includes practice in selection of and planning specifically assigned problems.

EXTENSION ORGANIZATION AND METHODS

140. *Extension Organization, Administration, and Policy*. Spring. Credit three hours. Open to graduate students and seniors, and to juniors by special arrangement. Lectures and exercises based on current extension work. Professor KELSEY and others.

M W F 11. Roberts 492.

This course is designed to familiarize students with the organization, administration, methods, and policies of extension work as exemplified in New York State. The course is for students interested in voluntary leadership in extension as citizens in rural communities, as well as for prospective county agricultural, 4-H Club, or other extension workers in agriculture.

Note: Home Economics students should see also Home Economics Education courses.

SECRETARIAL STUDIES

HOTEL ADMINISTRATION 37. Personal Typewriting. Fall and spring. Credit two hours. Students should enroll with departmental registrar. Assistant Professor NELSON.

M T W Th F at 9, 11, or 12. Statler 337.

An elementary course in typewriting planned to meet the general needs of college students. Instruction is given in the typographical arrangement of letters, reports, and statistical data. Students who have had previous instruction in typewriting should enroll in Hotel Administration 132.

HOTEL ADMINISTRATION 131. Shorthand Theory. Fall. Credit four hours. Permission of instructor required for enrollment. Associate Professor RECKNAGEL.

M W F at 10 or 2; Tuesday at 3 or 4. Statler 335.

The basic theory of Gregg shorthand is completed, and the groundwork is laid for dictation and transcription.

HOTEL ADMINISTRATION 132. Secretarial Typewriting. Fall. Credit two hours. Permission of instructor required for enrollment. Associate Professor RECKNAGEL and Assistant Professor NELSON.

M W Th F at 3. Statler 335.

An elementary course in typewriting planned especially for students who want to use their typewriting in business. Correlated with Hotel Administration 131 for transcription. Instruction in general office work for students not taking shorthand.

HOTEL ADMINISTRATION 138. Secretarial Procedures. Spring. Credit six hours. Prerequisite, Hotel Administration 131 and 132 or permission of instructor. Associate Professor RECKNAGEL.

M W F 2–4:20. Statler 335.

Instruction is provided in the major secretarial duties, including the composition of business letters, services for communication and transportation, and office management. Dictation and transcription speeds sufficient for secretarial correspondence are developed.

Note: Attention is also called to Hotel Administration 238, *Business Writing*. See the *Announcement of the Department of Hotel Administration*.

COURSES TO MEET UNIVERSITY REQUIREMENTS IN PHYSICAL EDUCATION FOR WOMEN

1. Required activities: Fundamentals (P.E. 51) during the freshman year, Rhythmics (P.E. 52) immediately following the completion of Fundamentals. Individual Gymnastics (P.E. 53) is required when recommended by the Medical or Physical Education staff.

Other activities (P.E. 54): archery, badminton, basketball, basketball refereeing, bowling, canoeing, field hockey, folk and square dancing, golf, modern dance, outing,* riflery,* soccer,* softball, tennis, volleyball. For further information, see the *Bulletin of the Department of Physical Education for Women*. Misses ATHERTON, BATEMAN, NEWMAN, RIVERS, STEWART, and Mesdames BAIRD and FISHER.

2. Students who have been discharged from the Armed Forces may be exempted from the requirement. Students 22 years of age on entrance and transfers entering with four terms of advanced standing credit may be exempted from the requirement. Students who pass proficiency exemption tests during the third term may be excused from the fourth term of physical education.

3. All other undergraduate women are required to complete four terms of work, three hours a week, in Physical Education during the first two years of residence. Permission for postponement or for exemption from this requirement is issued only by the University Faculty Committee on Requirements for Graduation through the representative in the College Secretary's office.

4. See the *Announcement of the Independent Departments* for information concerning elective courses in *The Dance* and *Camp Counselor Training* for academic credit.

*Not offered in 1950-1951.

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Outdoor activities are part of the fun of Nursery School.



Students in Home Management consult with a homemaker on plans for her kitchen.



A demonstration in food preparation in a class in Food and Nutrition.



The Home Economics student teacher and the supervising teacher work with fourth graders during a unit on personal care.



Kindergarten children are entertained at a valentine party given by ninth-grade Home Economics pupils who are working under the leadership of a Home Economics student teacher to crystallize learning in their study of child development.



Students living in the Homemaking Apartments enjoy having a baby in the family.



Laboratory in Color and Design.



Students at work in Housing and Design 235, improving storage facilities and refinishing furniture.



Students in Hotel and Institution Management work on quantity food preparation in the Green Room kitchen.



Students develop appreciation of good line and fitting by draping on the dress form.