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Announcement of the
New York State College
of Home Economics
for 1935-36

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THE CALENDAR FOR 1935-36

FIRST TERM

1935		
Sept. 16	Monday	University entrance examinations begin.
Sept. 19	Thursday	Freshman Week-End begins.
Sept. 23	Monday	Academic year begins. Registration of new students.
Sept. 24	Tuesday	} Registration of old students.
Sept. 25	Wednesday	
Sept. 26	Thurs. 8 a.m.	Instruction begins.
Oct. 18	Friday	Last day for payment of tuition.
Nov. 28-Dec. 1		Thanksgiving recess.
Dec. 21	Sat. 12.50 p.m.	Instruction ends.
	1936	} Christmas recess
Jan. 6	Mon. 8 a.m.	
Jan. 11	Saturday	Birthday of Ezra Cornell. Founder's Day.
Jan. 27	Monday	Term examinations begin.
Feb. 5	Wednesday	Term examinations end.

SECOND TERM

Feb. 7	Friday	Registration of all students.
Feb. 10	Mon. 8 a.m.	Instruction begins.
Feb. 10-15		Farm and Home Week.
Mar. 2	Monday	Last day for payment of second-term tuition.
Mar. 28	Sat. 12.50 p.m.	Instruction ends.
Apr. 6	Mon. 8 a.m.	Instruction resumed.
May —	Saturday	Spring Day, recess.
June 1	Monday	Term examinations begin.
June 15	Monday	Sixty-eighth Annual Commencement.

1936

SUMMER SESSION

July 6	Monday	Summer session begins.
Aug. 14	Friday	Summer session ends.

NEW YORK STATE COLLEGE OF HOME ECONOMICS

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

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

In the early stages of its development, home economics consisted largely of teaching in schools and colleges in a somewhat formal way the efficient performance of such household skills as cooking, cleaning, sewing, and caring for the family possessions. Steadily the concept of home economics has enlarged. Today it involves vital problems in wise and effective feeding and clothing of the family; in the care and guidance of children; in the organization and running of the home on a sound economic, social, and hygienic basis; in the growth of artistic sense and taste that brings beauty into the home in many ways, adding to the contentment and serenity of the family; in the stimulation and promotion of the educational and social interests of home, family, and community life.

Such a program implies the necessity for well-balanced individuals, and the College seeks and fosters in its students growth in emotional maturity to complement progress in techniques, skill, and knowledges.

GROWTH OF HOME ECONOMICS AT CORNELL

The New York State College of Home Economics has the fourth largest enrollment of all the colleges in the University. There are approximately 450 undergraduates, and 25 graduate students. The College has an alumnae body of about 1200.

Home Economics was first recognized as a department in the College of Agriculture in 1908, and was given a building of its own in 1910. In 1919 the department became a School of Home Economics; and in 1925, by legislative action, it became a College. Linked with the resident instruction and the research is the extension service, which reaches into homes and communities throughout the State.

LOCATION

The New York State College of Home Economics is housed in Martha Van Rensselaer Hall, named for the founder of home-economics education at Cornell. This building, which was dedicated in 1934, is on the upper terrace of the campus, overlooking Beebe Lake, and the rooms on its upper floors command an excellent view of Cayuga Lake as well. The architecture of the building is Georgian. A long central section connects two wings. Besides the classrooms and laboratories of each department, the building contains the administrative and staff offices, the college library, a cafeteria and tea room, an auditorium seating about 600 persons, student and faculty lounges, and a large room for student recreation. The Nursery School, in the department of Family Life, is housed in one wing of the building. Its outdoor play space stretches enticingly across sunny lawns to shady woods. The homemaking apartments are above the Nursery School. The school of Hotel Administration also has quarters in Martha Van Rensselaer Hall, and has a student body of about 170.

THE DEPARTMENTS

In each department the practical is linked with the theoretical. In planning the equipment and courses, opportunity has been made for student projects where learning from actually doing may develop skill and strengthen understanding.

ECONOMICS OF THE HOUSEHOLD AND
HOUSEHOLD MANAGEMENT

The economic problems of families include not only those for which internal management can find solution but also those which are so interrelated with factors outside the home that only group action can make progress toward their solution. The aim of the Department of Economics of the Household and Household Management, therefore, is to broaden the student's understanding of the economic problems of the modern household, to clarify the connection between these problems and general economic conditions, and to help provide a background for intelligent domestic and civic action in furthering the well-being of individuals.

The department is housed on the first and ground floors in the east wing. The first floor includes classrooms, work rooms for research, and staff offices. On the ground floor are laboratories where staff, students, home-demonstration agents, and homemakers may work on problems related to the management of the various resources of the home. Various kinds of large equipment, such as kitchen ranges and washing machines, can be changed frequently, thus affording opportunity to learn about different types of equipment. Space is also available in these laboratories for erecting portable walls, making rooms of various arrangement to be used in household-management studies.

FAMILY LIFE

During their early years in the family, children begin to learn the attitudes and practices that influence them throughout life. To a large extent this development is the result of family relationships. These in turn are often influenced by home conditions.

Courses in the Department of Family Life consider the contribution which home economics in its various aspects can make to family relationships and family welfare; to the behavior, growth, and development of the child; and to the meanings which these things may have for the student at her particular stage of development.

The Cornell Nursery School serves as a laboratory for the courses in Family Life. Students not only observe the children in the varied activities of the day but they become familiar with different types of child behavior and guidance, with the program of the Nursery School, and with the work with parents. Upperclassmen assist in the Nursery School.

The department, including the Nursery School, and the Homemaking Apartments are housed in a separate wing of Martha Van Rensselaer Hall. The Nursery School has observation booths fitted with one-way screens which provide excellent opportunity for observing the activities of the children without in any way disturbing them or interrupting the routine, as the presence of visitors is often likely to do. The booths make it possible for approximately forty people to observe the children at one time.

FOODS AND NUTRITION

The study of foods is approached from several angles: preparation, nutrition, and dietetics. Food well prepared and artistically served is important to the graciousness of the home. The gatherings at the family table can contribute much to the serenity of family life. The contribution made to the health of people not only as members of homes but as members of the community and the nation is important.

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

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

Students have an opportunity also to study the metabolism of adults, infants, and small children. They assist in advising others concerning nutrition, they study the metabolism of students referred to the College by the medical department, and they help in working

with parents who bring their children to the Department for observation and for dietetic advice and treatment.

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

HOUSEHOLD ART

The aim of the Department of Household Art is to give the student an insight and appreciation of the problems of household art, and, through creative experience, to further her development.

Whether the building studied is to be for a family or for a community many of the same principles apply. Studies of housing, of school planning, and of other community problems are therefore added to those of home furnishing and decoration. Laboratory work is planned to meet the needs and interests of the individual student.

The department laboratories are so designed that students may work on furnishing problems of home, college, sorority, school, or community through the actual experience of setting up rooms and completing them, from choosing the color of the walls to the last accessory. Detachable partitions are easily arranged to make rooms, and the problem of the selection and arrangement of furnishings is worked out by students in a more meaningful way by using actual materials than by using small drawings.

The house-furnishing laboratory is approximately 123 by 28 feet in size, and will permit as many as 15 rooms to be set up at one time. The partitions used to form these rooms, so planned that rooms of practically any size and shape can be built, are of plywood and are so simply designed that the girls working in the classes can take them apart and put them together in a variety of ways. The ceilings are of stretched muslin; windows can be put in singly or grouped, and heights of window sills can be regulated; real doors are used; baseboards and moldings slip into place; and ceiling and wall lights can be installed. The wall surfaces are smooth and can be painted or papered.

Other laboratories are especially equipped for design and craft work, and for dyeing, and classes may use products made in these laboratories in their room planning and arrangements.

INSTITUTION MANAGEMENT

Our complex modern society, in which many women have become wage earners and in which many persons live away from home, has brought about the establishment of institutions to provide food, shelter, and many other services for groups rather than for family units. These institutions include commercial and industrial food-serving establishments, such as restaurants, tea rooms, and cafeterias. Hospitals, state institutions, schools, and colleges also offer problems of group living. The need for trained women to direct the activities of large-scale selection, preparation, and serving of food in such institu-

tions has offered vocations which are well suited to women's abilities and interests. The institution manager or dietitian, like the homemaker, becomes directly responsible for the well-being and happiness of her group. Since this is true, she must have a sincere interest in people and must develop those qualities of leadership which will help her to direct and work with them successfully.

The Department of Institution Management offers courses to orient the student in some of the problems and technics of food administration and gives her a background of actual experience in situations where large numbers of persons are served. Additional practical experience gained through summer positions or apprenticeships is essential and, for those who wish to be hospital dietitians, a hospital internship of eight months to one year is required. (For preparation for hospital training, see page 11.)

The department occupies a large portion of the lower part of the west wing of Martha Van Rensselaer Hall. The cafeteria dining rooms and kitchens were planned to give many opportunities for student projects. The equipment was selected on the basis of teaching possibilities. Thus cooking equipment was chosen which would demonstrate the limitations and the possibilities of gas, electricity, and steam. Students have an opportunity also to become familiar with other outstanding features of construction or operation.

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

TEXTILES AND CLOTHING

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

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

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

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

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

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

1. Basic group of courses may be chosen from the following fields to the amount of credits indicated:

	<i>Hours</i>
English.....	6
Biological Sciences (including Bacteriology, Biology, Botany, Zoology)	9
Physical Sciences (including 6 hours of Chemistry and, if Physics was not offered for entrance, 3 additional hours from one of the following: Agricultural Engineering 10 [Household Mechanics], Astronomy, Geology, or Physics).....	6 or 9
Social Sciences (selection to be made from at least three of the following fields: Economics, Sociology, Psychology, Government, History).....	12
2. Home Economics minimum required hours (including any of the courses listed in this announcement on pages 13 to 25).....	40
3. Electives (in the College of Home Economics or in any other college in the University).....	24
4. Electives (in the Colleges of Home Economics, Agriculture, and Veterinary Medicine).....	21 or 18
5. Hygiene 1 and 2.....	2
Total.	120

To be eligible for the degree of bachelor of science the student must have met the above requirements and have maintained an average grade of at least 70 for all the work of the college course.

Both the basic group of required courses and the elective courses taken outside the state colleges are furnished without additional charge to the student; if, however, a student fails in any of these courses, the hours are counted in the free elective group of twenty-four hours. Courses may be taken outside the state colleges beyond this limit upon payment of \$12.50 for each credit hour.

COURSES OF STUDY

The average schedule consists of 15 hours a term. During the several terms, however, either more or fewer hours may be taken, depending on the courses selected and on the ability and the total program of the individual. Students who are earning any considerable part of their college expenses should plan to carry not more than

12 to 13 hours a term and to take four and a half to five years for graduation.

A general program is advised for freshmen. Even the sophomore program suggests but little specialization. There are several reasons for not focusing on a definite field of study until the junior and senior years. Vocational choice often changes as a student becomes better acquainted with the many fields open to graduates. A broad selection of courses is helpful in discovering one's individual interests and abilities. Furthermore, if specific training is started too soon, the adaptability and breadth of knowledge, which are important to general living as well as to vocational success, are likely to be sacrificed.

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

Each student is encouraged to work out her own program in accordance with her individual needs and interests. Before doing this she should study carefully the requirements for the degree as given on page 8. A list of suggested courses for freshman and sophomore years follows, and the student should acquaint herself with the full descriptions of courses in the catalogue.

COURSES SUGGESTED FOR FRESHMEN

<i>Courses</i>	<i>Hours</i>	<i>Courses</i>	<i>Hours</i>
English 1.....	6	Foods and Nutrition 22.....	2
Hygiene 1 and 2.....	2	Student Guidance 10.....	2
Student Guidance 1.....	3	Agricultural Engineering 9.....	2
Biology 1.....	6	Drawing 11.....	3-6
or		Floriculture 10.....	3
Chemistry 101 and 105....	6	Geology.....	2
or		Government 1a.....	3
Foods 2.....	10	Languages.....	6-11
Textiles and Clothing 3, 5, 15.	2-6	Mathematics.....	3
Economics of the Household 10..	3	Music.....	2-3
Family Life 100.....	2	Psychology 1.....	3
Institution Management 100.....	2	Rural Social Organization 1.....	3
Household Art 1, 10, 16.....	1-4		

COURSES SUGGESTED FOR SOPHOMORES

<i>Courses</i>	<i>Hours</i>	<i>Courses</i>	<i>Hours</i>
Economics of the Household 26, 130..	2-4	Biology 1.....	6
Psychology 1, or Rural Education 110 and Rural Education 112..	3-6	or	
Rural Social Organization 1.....	3	Foods 2.....	10
or		or	
Economics 50a and 50b.....	3-6	Chemistry 101 and 105 (second term).....	6
Government 1.....	6	Agricultural Engineering 10.....	3
Government 1a.....	3	Household Art 1, 10, 16.....	1-6
Government 9.....	3	Clothing 5 or 15.....	3-6
Government 11.....	3	Biology 314 (Bio-chemistry).....	3-5
History 42.....	3	Biology 303 (Human Physiology). 3	

<i>Courses</i>	<i>Hours</i>	<i>Courses</i>	<i>Hour</i>
Chemistry 201.	4	*English 20 (Prose and Composition)	6
Bacteriology.	3	*English 22 (19th Century Prose)	6
Institution Management 100.	2	*English 25 (History of English Literature)	6
Agricultural Engineering 46 (Car-pentry)	2	Floriculture 5.	1
Architecture 072.	2	Floriculture 10.	3
Drawing 11.	2-4	Hygiene 8.	2
		Special Problems 110.	2
		Student Guidance 35.	2

VOCATIONAL PREPARATION

Students are encouraged to take time during their college years to discover their abilities and aptitudes, and to become informed about the many vocational possibilities in home economics and about the qualifications for various kinds of work before making a definite choice.

Vocational success is more often based on breadth of knowledge and adaptability than on having taken specific courses. In a few instances, however, prerequisites are involved, and for those students who may be concerned the following information and suggestions are given:

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

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

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

	<i>Hours</i>
Educational Psychology: Rural Education 111, or 112, or Education I.	3
Principles of Education: Rural Education 181.	3
Methods, Observation, Teaching, and Extra-instructional Problems	9
These are integrated units of work involving the following courses:	
<i>Hours</i>	
The teaching of home economics in the secondary school (Rural Education 135) and Extra-instructional problems (Rural Education 137).	5
Directed teaching of home economics in the secondary school: Rural Education 136.	4
Elective.	3
(Rural Education 117, Child and Adolescent Psychology, may be accepted as an elective and is required of teachers of homemaking as a prerequisite for Family Life 101)	
Total.	18

*On advice of freshman English Instructor.

Except for the above requirements of the State Department of Education, no specific courses are required for certification for teachers of home economics. However, the state department examines the college record of each candidate to determine whether certain home-economics subject matter has been included. The following courses are recommended for the junior and senior years and will meet this subject-matter requirement:

	<i>Hours</i>
Economics of the Household 145....	2
Family Life 101....	3
Family Life 126....	3
Foods and Nutrition 111....	3
Foods and Nutrition 121....	3
Foods and Nutrition 131....	1 to 4
Household Art 32a....	2 or 3
Student Guidance 126....	4
Textiles and Clothing 103....	3
Textiles and Clothing 115....	1 to 5

Extension Teaching. Students interested in extension teaching are advised to take the same course of study as that outlined for the vocational-home-economics teacher, with the addition of Rural Social Organization 121, Extension Teaching 15, and Extension Teaching 101. To obtain a position in extension, teaching experience of home economics is necessary.

Graduate Training in Hospital Dietetics. Students who are preparing for hospital dietetics should be sure that their programs include the requirements for admission to hospital training courses approved by the American Dietetic Association. Following are the requirements and the courses that may be offered to meet them:

<i>Subjects</i>	<i>Requirements</i>	<i>Hours</i>	<i>Courses that may be offered to meet the requirements</i>	<i>Hours</i>
Chemistry..		12 to 17	<i>Courses</i>	
To include:			{ Chemistry 101, 105....	6
General			{ Chemistry 365....	3
Organic			{ Biology 314, 314a....	5
Physiological			or	
			{ Foods and Nutrition 2....	6 ¹
			{ Biology 314, 314a....	5
			{ An additional course	
			{ Suggestions for this course	
			{ are Chemistry ² 201, 365, 820,	
			{ or 830	
Biology....		6 to 13	{ Biology 303....	3
To include:			{ Bacteriology 4....	3
Human Physiology				
Social Sciences....		9 to 12	{ Psychology 1 or Rural Educa-	
To include:			{ tion 110....	3
Psychology			{ and	and
			{ Rural Education 112....	3
			or	
			{ Rural Education 111....	3
			{ Rural Social Organization 1....	3
Sociology			{ Economics 1....	5
Economics			{ or	or
			{ Economics 2a and 2b....	6

¹The remaining 4 hours in Foods and Nutrition 2 are counted as foods work.

²Some hospitals require analytical chemistry.

<i>Subjects</i>	<i>Requirements</i>	<i>Hours</i>	<i>Courses that may be offered to meet the requirements</i>	<i>Hours</i>
Education.....		3	<i>Courses</i> Rural Education 121.....	3
Food preparation.....		6 to 8	{ Foods and Nutrition 2.....	4
To include:				or
Experimental cookery			{ Foods and Nutrition 9.....	5
			{ Foods and Nutrition 109.....	3
Meal planning				or
			{ Foods and Nutrition 111.....	3
Nutrition.....		6 to 8	Foods and Nutrition 122.....	4
			Foods and Nutrition 124.....	2
			Foods and Nutrition 131..	2
Institution Management.....		6 to 9		
To include:				
Organization and Management			Institution Management 102..	3
Institution buying			Institution Management 111..	3
Institution accounting			Institution Management 85..	3
Quantity cookery			Institution Management 112..	4

Institution Management. For the student wishing to focus the work of her last two years on Institution Management, it is suggested that the courses recommended for hospital dietetics (with the exception of Biology 314, 314a, and Foods and Nutrition 124) be included in her program.

Social Work. The student wishing to prepare for professional training in graduate schools of social work or for assistant-in-training in social institutions will find the following courses helpful in providing a foundation for this:

<i>Courses</i>	<i>Junior year</i>	<i>Hours</i>	<i>Courses</i>	<i>Senior year</i>	<i>Hours</i>
Economics of the Household			Economics of the Household 130		2
110.....		2	Education 7..		3
Foods and Nutrition 121....		3	Family Life 107.....		3
Family Life 101.....		3	Foods and Nutrition 131.....		2
Family Life 126.....		3	Rural Social Organization 131..		3
Rural Education 111.....		3	¹ Student Guidance 126.....		4
Rural Education 117.....		3	Textiles and Clothing 10.....		2
Rural Social Organization 12		3			
Rural Social Organization 121		3			
Rural Social Organization 122		3			
Rural Social Organization 123		credits			
		arranged			

Students who wish to prepare for social service or social welfare work should consult the head of the Department of Rural Social Organization.

¹By permission of the instructor.

DESCRIPTION OF COURSES

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

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

10. **Introduction to the Economic Aspects of Living.** First or second term. Credit three hours. For freshmen only. First term, M W F 11; second term, M W F 10. Room 124. Assistant Professor FISH.

This course is planned to help students to become aware of certain economic factors in our society which affect the lives of all individuals, and to utilize this understanding in their experiences. Fee, \$2.

26. **Problems in Consumer Buying.** First or second term. Credit two hours. Primarily for sophomores. T Th 8, or W F 9. Room 124. Mrs. HOTCHKISS.

This course aims to develop an understanding of the problems faced by families and individuals who attempt to buy efficiently. The problems considered are: how consumers may be helped to evaluate advertising and other salesmanship practices; what information is given consumers concerning the qualities of goods they buy, through informative labels, brands, trade terms, grades, and ratings; the inadequacy of this information in helping consumers to judge the value of what they are buying; to what extent consumers are protected by law and by other forms of social control; what advantages are offered by different types of retail stores; how consumers may influence and be influenced by marketing costs and policies. Fee for materials, \$3.

126. See *Student Guidance* 126.

130. **Economic Conditions as they Affect the Incomes and Well-Being of Families.** First or second term. Credit two hours. Primarily for sophomores and juniors. Lectures, T 9, Th 9-11, Room 121. Professor CANON.

A study of problems connected with the size, adequacy, and security of incomes; family incomes in relation to the national income; production as related to family welfare; the importance of price in our economic organization, and the significance of changes in the price level. Fee for materials, \$2.50.

145. **Management of Individual Resources for Financial Security.** First or second term. Credit two hours. Primarily for seniors. Lectures: first term, W F 11; second term, W F 10. Room 121. Professor CANON.

A course designed to help senior students with their financial plans. Among the subjects considered are: factors influencing the amount of one's real income; the relation between financial management and other management problems; the far-reaching influences of economic security and efforts which the individual can make toward attaining it; important considerations in a savings program and an investment program; uses, sources, and cost of credit; records and statements helpful in financial management. Fee for materials, \$2.50.

250. **Economic Problems of the Household.** Second term. Credit two hours. Primarily for graduate students. The instructor should be consulted before registering. Hours to be arranged. Room 114. Professor CANON.

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

150. **Special Problems.** First or second term. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

FAMILY LIFE

[111. **The Family.** First term. Credit two hours. For seniors, and others by permission. ———]. Not given in 1935-36.

This course embraces a study of modern social and economic problems of the family. It treats of survivals of various characteristics governing family life. The work of women and their industrial and economic conditions are studied with reference to the home and to society.

100. **The Home and Family Life, Orientation.** First or second term. Credit two hours. Should be taken in the freshman year. Lecture-discussion, T Th 8. Room 117. One hour of observation weekly in the Nursery School or in the homemaking apartments or in homes where there are young children. Programs to be checked with the instructor during registration. Laboratory to be arranged after the first lecture period. Professor FOWLER and Assistant Professor REEVES.

This course undertakes to show the influence on all members of the family, especially the younger members, of the many home conditions; the house and its convenience and beauty; the food and its preparation and service; the textiles and clothing and their service and means for self-expression; the family income and schedule of activities; and the relationships among the family members. Through observation and discussion the attempt is made to promote an understanding of child needs and of the relationships of child to child, and child to adult. Laboratory fee, \$5.

101. **Principles in Behavior and Guidance, Elementary Course.** First or second term. (Not given first term, 1935-36.) Credit three hours. Prerequisite, Rural Education 111. Prerequisite or parallel, Rural Education 117. Advised for teachers and extension workers. Should be taken in the junior or the senior year. Lectures and discussion, M W F 8. Room 117. Two hours of observation weekly in the laboratory. Programs to be checked with the instructor during registration. Laboratory to be arranged after the first lecture period. Professor WARING and Assistant Professor REEVES.

This course studies behavior, how it is influenced and how it influences others. It studies behavior as routine, in eating, sleeping, dressing, toileting, bathing, and washing; as adjustments and relationship with materials, with children, and with adults; as developing control of language, of random and "nervous" behavior, and of excessive or emotional behavior.

Through observation in the nursery school students are directed to observe the child's behavior impersonally and objectively; to record accurately what they see; to organize their records so that they disclose significant and characteristic behavior of each child; to distinguish between desirable and undesirable guidance procedures of adults. Students are helped to make the application of these principles to their own behavior. Laboratory fee, \$7.50.

107. **Home and School Environment for Young Children.** First term. Credit three hours. Prerequisite or parallel, Family Life 101. Advised for teachers and for extension and social workers. Should be taken in the junior or the senior year. Lecture and discussion, M W 8; laboratory, F 8-10. Room 117. Two hours of observation weekly in the Nursery School and private homes. Programs to be checked with the instructor during registration. Professor FOWLER.

This course is concerned with the physical environment of the young child at home, at nursery school, or at kindergarten. It presents the principles underlying the selection, care, and use of materials and equipment and the evaluation and constant readjustment of these to meet the growing needs of the children.

Consideration is given to such material elements in the child's environment as toys, blocks, pictures, plastic materials, paint, tools, and nature materials, and to the child's response to them. The construction of play equipment is a part of this course. Laboratory fee, \$7.50.

[125. **The Health of the Infant and the Young Child, Elementary Course.** Second term. Credit two hours. Dr. BULL.] Not given in 1935-36.

This course discusses the evidences of good health and how the family may develop and maintain it. The discussion considers the relation of health to housing, food and nutrition, textiles and clothing, household income, management and scheduling, and family relationships. It emphasizes indications of health and some of the hygienic measures which give maximum protection from the defects and diseases of babyhood and early childhood. Fee for materials, \$3.

126. **Home Nursing and Child Hygiene.** First or second term. Credit three hours. (Students may register for one hour by permission. See note.) Planned especially to meet the needs of students who expect to be teachers of general home economics. Advised for junior year. Not open to underclassmen. Lectures, discussions, T Th 11. Room 117. Demonstration and practice, F 2-4. Room 277. Dr. BULL and Mrs. PEABODY.

This course attempts to make available to prospective teachers source materials they may utilize and some basis for selecting subject matter for teaching health care of children. Students are made familiar with a few of the ordinary technics in home nursing which make the members of a family comfortable and happy when hurt, sick, or convalescent. Some discussion is devoted to the common diseases, physical defects, and disturbances that should have medical attention. Fee for materials, \$4.

Note: Students who have had Family Life 125, and who need to familiarize themselves with some of the standard technics useful in home care of illness and in the teaching of home nursing in High School or Junior High School, may register for *one hour* by permission of the instructor. Such students will take only the demonstration and practice, F 2-4, Room 277. Fee, \$2.

[127. **The Health of the Family, Advanced Course.** Second term. Credit two hours for discussion only; three hours for discussions and laboratory. Prerequisite, Family Life 125. Open to upperclass or graduate students. Dr. BULL.] Not given in 1935-36.

This course is designed to give students with a special interest in family life a more comprehensive knowledge of health, of all factors making for positive health and wholesome physical development, and of family and community health measures. Laboratory fee, \$7.50.

200. **The Home and Family Life, Advanced Course.** First term. Credit three hours. Open to graduate and senior students with adequate training in child development and parent education. Lectures, T Th 8. Room 117. Professor FOWLER and Assistant Professor REEVES.

This course provides for advanced and graduate students an opportunity to work with the instructor and with less mature students. A simple organization of the subject matter in the broad field of home economics as it contributes to wholesome family living is developed. Laboratory fee, \$5.

205. **Principles of Behavior and Guidance, Advanced Course.** Second term. Credit three hours. Prerequisite, Family Life 101. Open to seniors and graduate students with adequate personal and professional qualifications. Lectures and discussion, T Th S 8. Room 121. Programs to be checked with the instructor during registration. Observation in the laboratory to be arranged after the first lecture period. Professor WARING.

The observation and the discussion in this class are based upon the behavior of young children in the Nursery School. Students are directed to observe what situations young children meet, how they meet them, and what adults do to help or to hinder the children in meeting them in desirable ways. The students undertake to study a child's behavior; that is, to see what it may involve in performance, in attitude, and in meaning; to discover in which of these aspects, if any, his experience is undesirable, and to determine what elements in the situation must influence his behavior, how he usually responds to them, and how adults may change the situations and thereby improve his behavior. Effort is made to help the students apply themselves to the principles underlying personality development which they observe at work in the lives of the children. Laboratory fee, \$7.50.

215. **Studies in Family Life.** First and second terms. Prerequisite or parallel, Family Life 205. Open to graduate students who are carrying on research or making special studies in the field of child development and parent education. At least four hours each of two terms are required for students majoring in the department for a master's degree or minoring for a doctorate. F 2-4 is held provisionally for group activities. Professor WARING.

Laboratory fee, \$7.50.

220a and b. **Participation in the Nursery School.** First or second term. Prerequisite, Family Life 101 and 107. For each hour of credit a student gives thirty hours of supervised participation in the Nursery School during the semester. Each student in this course has a one-hour conference period each week with the teaching staff. Open to only a limited number of seniors and graduate students with adequate personal and professional qualifications. Professors FOWLER and WARING, Assistant Professor REEVES, and Mrs. BATES.

a. **Participation in the Junior Nursery School.** Credit 2, 3, or 4 hours. Laboratory hours to be arranged. Conference, M 3. Laboratory fee, \$3.

b. **Participation in the Senior Nursery School.** Credit 2, 3, or 4 hours. Laboratory hours to be arranged. Conference, T 12. Laboratory fee, \$3.

228. **Seminar in Behavior and Guidance.** (See *Rural Education* 228.) Second term. Credit two hours. For graduate students who have had work in Child Guidance. F 4-6. Room G 38. Professor WARING.

The seminary investigates the contributions of various psychological theories to the understanding and guidance of young children.

150. **Special Problems.** First or second term. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

FOODS AND NUTRITION

2. **Science Related to Food Preparation.** Throughout the year. Credit five hours a term. Open to freshmen and sophomores. Limited to 60 students in 1935-36. Lectures, M W F 9. Amphitheatre. Practice, first term; M W 2-4, one section; T Th 9-11, two sections; T Th 2-4, one section. Rooms 353, 356, and 358. Practice, second term: M W 1.40-4, one section; T Th 10-12.20, one section; T Th 1.40-4, one section. Rooms 353 and 356. Professor PFUND, Miss PERSONIUS, and _____.

The purpose of the course is to help the student to gain, through the study of basic chemical principles, (1) an understanding of the fundamental underlying cookery processes and (2) a means of controlling the nature of cookery products. The course qualifies the student to elect such chemistry courses as may have for their prerequisites the usual background of elementary inorganic chemistry and some knowledge of organic chemistry. In addition to the regular class work, opportunity for further laboratory experience in food preparation is offered under the direction of student assistants. Laboratory fee, \$18 a term.

9. **Food Preparation: Principles and Comparative Methods.** First term. Credit five hours. Must be preceded or accompanied by Organic Chemistry. Lectures, W F 9 and one hour to be arranged. Room 339. Practice, M W 1.40-4. Room 361. Assistant Professor FENTON.

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

9a. **Food Preparation: Principles and Comparative Methods.** First term. Credit four hours. Lectures, W F 9. Room 339. Practice, M W 1.40-4. Room 361. Assistant Professor FENTON.

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

11. **Food Preparation.** First or second term. Credit three hours. Required of students registered in hotel administration. Lecture, M 12. Room G 62. Practice, W F 8-10.20 or 10.30-12.50. Room 352. Mrs. MEEK, and Mrs. SAYLES.

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

12. **Food Preparation.** First or second term. (Not given first term 1935-36.) Credit three hours. Required of students registering in hotel administration. Prerequisite, Foods and Nutrition 11 or the equivalent. Lecture, M 12. Room 3 M 13. Practice, T Th 8-10.20 or 10.30-12.50. Room 352. Assistant Professor BORS.

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

[18. **Food Selection: Dietetics, Elementary Course.** First or second term. Credit one hour. Elective for students in hotel management. ————.] Not given in 1935-36.

22. **Food Selection: Dietetics. Introductory Course.** First or second term. Credit two hours. Lecture-discussion: first term, T Th 9 or 11, Room 339, T Th 2, Room 3M13; second term, T Th 10, Room 339. Assistant Professor BRUCHER.

This course presents the importance of desirable food-selection habits and health practices in promoting good nutrition. It is planned especially to help entering freshmen with individual nutrition problems. Fee for materials, \$2.

102a. **Science Related to Foods.** Throughout the year. Credit two hours first term, one hour second term. (After 1935-36 will be offered for two hours of credit each term.) Open to graduate students and transfers by permission. Attendance at Foods and Nutrition 2 lectures required. One hour to be arranged. Professor PFUND.

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

102b. **Science Related to Foods: Advanced Laboratory Course.** First or second term (not given second term 1935-36). Credit three hours. Limited to six students. Open to graduate and upperclass students with adequate training. Hours to be arranged before registration. Room 357. Professor PFUND.

An opportunity is given for independent laboratory work on special problems in which the student is interested. Laboratory fee, \$10.

109. **Food Preparation, Advanced Course.** First or second term. (Not given first term 1935-36.) Credit three hours. Limited to seniors. Prerequisite, Foods and Nutrition 2, 9, or 9a. Lecture, M 10, Room 3M13. Practice, M W 1.40-4. Room 352. Assistant Professor BOYS.

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

111. **Meal Planning and Preparation.** First or second term. Credit three hours. Should be taken in the junior or senior year. Primarily for students preparing to teach or specializing in Foods. Others will be admitted as space in sections allows. Prerequisite Foods and Nutrition 2, 9, or 9a, and 121 or 122. Limited to sixteen students a section. First term: lecture, M 9. Room 339. Practice, M W 11-1.30, T Th 11-1.30. Room 361. Second term: lecture, M 10, Room 339; or T 10, Room 3M13. Practice, M W or T Th 11-1.30. Room 361. Assistant Professor FENTON.

This is an advanced course in meal planning, buying, preparation, and serving of food. The organization of time is given special emphasis. Fundamental scientific principles and practices developed in previous courses are reviewed, supplemented, interrelated, and applied to typical situations. A half-day trip to Syracuse and Corning will be included. Approximate cost, \$2. Laboratory fee, \$18.

121. **Food Selection: Nutrition and Dietetics.** First or second term. Credit three hours. Prerequisite, Foods and Nutrition 2, 9, or 9a. Physiology recommended. Lectures and discussions; first term, M F 10, W 10-12; second term, section 1, M F 9, W 9-11; section 2, M F 2, W 2-4. Rooms 301, 426, and 358. Assistant Professor BRUCHER.

This course is designed primarily for students not specializing in Foods and Nutrition. It includes the simpler aspects of the subject matter given in Nutrition and Dietetics 122 and does not require Biochemistry 314 as a prerequisite. Fee for materials, \$6.

122. **Food Selection: Nutrition and Dietetics.** First or second term. Credit four hours. Should be taken in the junior year. Prerequisite, Foods and Nutrition 2 or 9, Biology 303 (Physiology), and Biochemistry 314. First term: lectures and discussions, T Th 9, W 2, Room 426. Practice, M 2-4, Room 356 or 426. Second term: lectures and discussions, T Th 9, Room 426, W 2, Room 301. Practice, M 2-4, Room 358 or 426. Assistant Professor HAUCK.

This course is designed to help students understand the significance of food selection in achieving and maintaining health. This implies knowledge of the different needs of the body for food, both in kind and amount, under varying conditions of size, activity, age, and health, and of the value of different foods in contributing to the body's needs. Understanding of the significance of food selection, and skill in the adaptation of principles of nutrition to individual conditions, is strengthened through the effort of students to improve their own health and that of persons outside the class. Laboratory fee, \$9.

124. Food Selection in Relation to the Treatment of Disease. First term. Credit two hours. Open to seniors and graduate students. Advised for those specializing in hospital dietetics. Prerequisite, Foods and Nutrition 122. Lecture, discussion, and laboratory, T 11, Th 11-1. Rooms 426 and 358. Assistant Professor HAUCK.

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

131. Problems of Family Nutrition, with Special Emphasis on Child Feeding. First or second term. Credit one to four hours. Open only to seniors and graduate students. Two hours advised for teachers; one hour advised for all students. Prerequisite, Foods and Nutrition 121 or 122. Lecture and discussion, T 2-4. Room 339. Laboratories: *infant feeding*, limited to sixteen students, Th 1.40-4, homes in Ithaca and a well-baby clinic; *feeding of pre-school children*, limited to six students in each section, one section T 10.30-12.50 and one section Th 10.30-12.50, Nursery School and homes in Ithaca; *feeding of school children*, limited to ten students, F 1.40-4, Room 358, public schools, and homes in Ithaca. Professor MONSCH, Miss ———, and Miss PURDEY.

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

224. Human Calorimetry. First term. Credit two hours. Primarily for graduate students, but open to seniors with the permission of the instructor. Class limited to six students. Hours to be arranged. Given in alternate years. Assistant Professor HAUCK.

The laboratory work in this course consists of energy metabolism determinations using the Benedict portable respiration apparatus. Laboratory fee, \$5.

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

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

230. Seminar in Foods and Nutrition. Throughout the year. Credit one hour a term. Required of graduate students specializing in Foods and Nutrition. Hours to be arranged. Room 301. Fee for materials, \$1. Professors MONSCH and PFUND, and Assistant Professor HAUCK.

150. Special Problems. First or second term. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

Note: The attention of advanced and graduate students is called to the following courses offered by the Department of Animal Husbandry in the College of Agriculture (see page 31 of the announcement of courses of that college); 110, **Animal Nutrition**; 111, **Animal Nutrition, Laboratory Course**; 219, **Animal Nutrition Seminar**.

HOUSEHOLD ART

1. An Introduction to Household Art. First or second term. Credit two hours. For sophomores primarily. Limited to twenty students a section. Lectures, demonstrations, and laboratory. Two sections: lecture T 1.40-4; laboratory, W or Th 2-4. Room 408. Assistant Professor SCIDMORE.

This introductory course is an orientation, through guided observation and creative experiment, to an understanding of art in relation to the home. It is the foundation course for other work in the department. Opportunity is given for observations, through visits to homes and other buildings, and students become familiar with typical art problems. Laboratory work is planned to meet the needs of the individual student, to help her develop a feeling for line, form, and color, and their functions, and to gain confidence and freedom in her work. Laboratory fee, \$7.50.

10. Household Art Lectures. First or second term. Credit one hour. Freshmen admitted by permission of the instructor. T 1.40-4. Room 408. Staff and outside speakers. Assistant Professors SCIDMORE and TAYLOR in charge.

A series of lecture-demonstrations on household art subjects in house planning, interior decorating, flower arrangement, and handicrafts. The course is planned to introduce the beginning student to this field of work, to give added information and practical suggestions to the student who has already had some experience, and to help the homemaker in meeting problems in furnishing and decoration. Laboratory fee, \$2.50.

16 a, b, c, d. Handicrafts Studio. First or second term. Credit one to four hours. Can be taken in subsequent terms. Students registering in the course for the first time register in 16a, for the second time, in 16b, and so on. Three hours of work each week through the semester are required for each hour of credit. Hours for work are planned with students individually. Room 318. Assistant Professor ERWAY.

Problems may include stitchery, simple finishes, construction of lamps and lampshades, blockprinting, leathercraft, dyeing, weaving, metalcraft, raffia work, etc. The technics and processes studied can be especially helpful to teachers, extension workers, and camp counsellors. Laboratory fee, \$3.75 per credit hour.

[25. House Planning. Credit two hours. Prerequisite, Household Art 1. Professor MORIN.] Not given in 1935-36.

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

[31. Home Furnishing, Second Course. First or second term. Credit two hours. Should be taken as soon as possible after Household Art 1. Professor MORIN and Assistant Professor SCIDMORE.] Not given in 1935-36.

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

32a. Home Furnishing and Decorating. First or second term. Credit two or three hours. Prerequisite, Household Art 1. Lectures, demonstrations, and laboratory. Section 1, T Th 11-1; section 2, W F 11-1. Laboratory for third hour of credit, Th 9-11. Room 408. Assistant Professors SCIDMORE and TAYLOR.

The emphasis in this course is on the development of individual taste through the study of color in home furnishing and decorating; understanding of ornament and its application to interior architecture, furniture, and accessories; arrangement of rooms from both the practical and decorative viewpoint. A study of furniture design will constitute the work for the additional hour of credit. Laboratory fee for two hours, \$7.50; for three hours, \$9.50.

[32b. Home Furnishing. Supplementary to Course 32a. First or second term. Credit two hours. Prerequisite, Household Art 1, 16a, 32a. Assistant Professor ERWAY.] Not given in 1935-36.

This course offers an opportunity, to those who are preparing to teach, to organize and plan for the use of illustrative material needed for the teaching of household art. Laboratory fee, \$3.25.

35. Hotel Furnishing and Decorating. Second term. Credit two hours. For students in hotel administration. Advised for juniors. Limited to twenty students. Lecture and laboratory, T Th 9-11. Room 408. Professor MORIN and Assistant Professor SCIDMORE.

This course deals with the essentials of decoration and furnishing as applied to hotel problems. In connection with this course, a trip to Syracuse or another near-by city is required. Laboratory fee, \$7.50.

150. Special Problems. First or second term. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students. Directed by a member of the department concerned with the special problem selected. Fee determined by the problem.

INSTITUTION MANAGEMENT

100. Orientation in Institution Experience. First or second term. Credit two hours. May be elected by freshmen and sophomores on the recommendation of the faculty adviser. May be offered as commercial experience by students preparing for teaching or food administration. The term is divided into two equal blocks with two sections of nine students in each block. First term: first block, September 30 through November 20; second block, November 21 through January 25. Second term: first block, February 10 through April 9; second block, April 10 through May 30. *Second block both terms reserved for freshmen.* Lecture, M 2, Room G62, for the duration of the block. Practice, section 1, M W F 11-1.30; section 2, T Th S 11-1.30. Cafeteria. Assistant Professor BURGOIN and others.

In this course each class member will share in the responsibilities entailed in serving luncheon to a clientele of 400 or 500 patrons. One of the objectives will be to help the student develop initiative, self reliance, and self direction through acquaintanceship and experience in meeting situations of food management, group cooperation, and human relationships as they may be encountered in an enterprise which is serving the public. Laboratory fee, \$5.

[101. Institution Administration, Elementary Course. First or second term. Credit three hours. Advised for all students specializing in institution management or dietetics; others are admitted by special permission. Should be taken in the junior year. Class limited to thirty students. Assistant Professor BURGOIN and others.] Not given in 1935-36.

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

102. Institution Organization and Administration, Advanced Course. First or second term. Credit three hours. Should be taken in the senior year. (*May be taken in the junior year 1935-36, since the course will not be given in 1936-37.*) Advised for all students specializing in institution management or in dietetics. Prerequisite, Institution Management 100 or equivalent experience. Lectures and discussions, M 2, W 2-4. Room 117. Professor HARRIS.

A survey of some of the outstanding problems of the organization and administration of institutions dealing with the feeding of large groups. Such problems include setting up the physical plan of the organization, the policies underlying the plan, personnel relationships, job analyses, scheduling employees, plant planning, and the selection of equipment. Fee for materials, \$2.

105. Quantity Food Preparation, Elementary Course. First or second term. Credit two hours. For students in hotel management. Registration limited to ten students. Prerequisite, Foods and Nutrition 12 or equivalent experience. Practice, Th 1.40-5.30. Cafeteria. Mrs. SAYLES.

Laboratories consist of quantity cooking in the cafeteria kitchen in the preparation of meals for approximately two hundred patrons. Some emphasis is given to standard procedures and technics and to an understanding of the use and operation of institution kitchen equipment. Laboratory fee, \$7.

111. Food Selection and Purchase for the Institution. First or second term. Credit three hours. Preferably taken in the junior year. Primarily for students specializing in institution management and dietetics; others may be admitted by special permission. Class limited to twenty-five students. Lectures and discussions, M 9, F 8-10. Room G 62. Professor HARRIS.

A discussion of production, distribution, sources, grading, standardization, bases of selection, methods of purchase, and storage of the various classes of food, from the point of view of the institution buyer. A two-day trip to Rochester or Buffalo markets is included; approximate cost, \$10. Fee for materials, \$1.

112. Quantity Food Preparation: Principles and Methods. First or second term. Credit five hours. Open to juniors and seniors but seniors given preference at present. Should not be taken with Student Guidance 126. Advised for all students specializing in institution management or dietetics. Class limited to twenty students. Discussion, M 9. Room G5. Practice, W F 8-1.30. Cafeteria. Miss BETTEN.

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

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

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

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

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

150. Special Problems. First or second term. Credit and hours by arrangement. Open to seniors and graduate students in home economics and to other qualified students. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

ACCOUNTING

85. Tea Room and Cafeteria Accounting. First or second term. Credit three hours. For institution-management students only. Lecture, T 8. Room 3 M 13. Practice, W F 1.40-4. Room 278. Assistant Professor COURTNEY and assistants.

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

87. Restaurant Cost and Sales Analysis. Second term. Credit two hours. Lecture, M 12. Room G 5. Practice, Th 1.40-4. Room 278. Mr. CLADEL and assistants.

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

TEXTILES AND CLOTHING

Courses in this department are divided in general into three groups: (1) Courses 3, 5, and 15, are planned to help the student with her personal clothing problems. The sequence of these courses may be adapted to meet the needs of the individual student though it is advisable that they be taken in the freshman and sophomore years. (2) Courses 10, 15, 103, and 115, are designed to help students see clothes in relation to other persons, or to help in the student's professional development. This group of courses should be taken in the junior and senior years preceding or paralleling practice teaching or other professional experiences. (3) Courses 51, 55, 120, and special problems 150 provide opportunity to do more intensive study in various aspects of the textile and clothing field.

3. Clothing Selection and Textile Study. First or second term. Credit two hours. First term: M W 8-10, Room 213; T Th 9-11, Room 215; T Th 2-4, Room 213; W F 11-1, Room 217 (for transfer students and upperclassmen). Second term: T Th 11-1, Room 217; W F 11-1, Room 216 (for transfer students and upperclassmen). Miss HUMPHREY.

This is an orientation course in the field of clothing. Dress selection is studied from the standpoint of becomingness, suitability, and economy through the individual clothes problems and through the interests of the student. Estimated cost of material, \$3. Laboratory fee, \$5.

5. Clothing Construction. First or second term. Credit three hours. First term: practice, M W F 10-12, Room 213; M W F 2-4, Room 217; T Th S 8-10, Room 213. Second term: practice, M W F 8-10, Room 213; M W F 10-11.50, Room 213; M W F 2-4 (two sections) Rooms 216 and 217. Assistant Professor SCOTT, Miss HUMPHREY, and Mrs. WELLS.

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

8. Clothing Selection and Construction. First or second terms. Credit two hours. First term, M W 2-4. Room 213. Second term, T Th 2-4. Room 213. Mrs. WELLS.

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

10. Clothing for Children. First or second term. Credit two hours. Prerequisite, Textiles and Clothing 3 and 5, or by permission of the instructor. Practice, first term, M W 9-11. Room 217. Second term, T Th 11-12.50. Room 217. Assistant Professor SCOTT.

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

15. Clothing Design and Modeling. First or second term. Credit three hours. First term, T Th S 8-10, Room 217; T Th 2-4, S 8-10, Room 215. Second term,

M W F 10-11.50 (two sections) Rooms 215 and 217; T Th S 8-10, Room 217. Assistant Professors SCOTT and BRASIE, Miss HUMPHREY, and Mrs. WELLS.

This course includes costume designing and modeling on the dress form, and gives freedom in handling materials. Designs and color schemes are studied in relation to individual needs. Estimated cost of materials, \$10. Laboratory fee, \$5.

51. **Hotel Textiles.** First term. Credit two hours. For sophomore, junior and senior students in the department of Hotel Administration. Lecture, T 8-9; practice, Th 2-4. Room 216. Professor BLACKMORE.

The main purpose of the course is to provide an opportunity for the students to become familiar with fabrics used in hotels. Scientific data are brought to bear upon the choice of fabrics for specific uses. The course includes brief discussions of the experiences of hotel housekeepers concerning fabric selection. Methods of advertising are interpreted and evaluated. Estimated cost of materials, \$1. Laboratory fee, \$7.50.

55. **Problems in Purchasing Household Textiles.** First term. Credit two hours. Lecture, T 10; practice, Th 9-11. Room 216. Professor BLACKMORE.

This course is offered for students interested in the present-day problems of purchasing household textiles. Buying practices are studied and technical information necessary for efficient buying is considered. Methods of advertising textiles are interpreted and evaluated. A two-day trip, during the month of October, is included for visiting three or more manufacturing plants. Estimated cost of materials, and trip expenses, \$10. Laboratory fee, \$5.

103. **Clothing Problems and Shop Practice.** First or second term. Credit three hours. Prerequisite, Textiles and Clothing 3, 5, and 15, and Household Art 1. First term: lecture, F 11 or 2, Room 215; practice, M W 11-1 or 2-4, Room 215. Second term: lecture, F 2; practice, M W 2-4, Room 215. Assistant Professor BRASIE, Mrs. McILROY, and Miss BROOKINS.

This course summarizes the work of the previous courses, broadening the point of view to include the clothing needs of various groups of people. The laboratory work is planned by each student to round out her experience in the clothing field. Group projects offer opportunity for cooperative planning and for working directly with others on their clothing problems. Half of the laboratory time is spent in the costume shop working as apprentices. Estimated cost of materials, \$15. Laboratory fee, \$5.

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

This course provides experience in constructing garments for customers on a commercial basis. Each student assumes the responsibility for her special piece of work, and organizes and directs the work of employees and of students in course 103 who spend one-half of their laboratory time in the Costume Shop.

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

120. **Seminar in Clothing.** Second term. Credit two hours. Hours to be arranged. Registration by permission of the instructor. Assistant Professor BRASIE and other members of the department.

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

150. **Special Problems.** First or second term. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students. Directed by a member of the department concerned in the special problem selected.

Fee determined by the problem.

STUDENT GUIDANCE

1. Orientation. Throughout the year. Credit first term, two hours; second term, one hour. Lectures, discussions, and group meetings. First term, M W F 10. Room 158. Rooms for group meetings to be assigned. Second term, T Th 9, Room 158. Acting Professor SCHUMAKER and student leaders.

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

Freshman week-end, described on page 36, is a part of the orientation course.

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

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

The purpose of this course is to help the student orient herself in home and group relationships, to serve as a means of coordinating and integrating the work in home economics done in the freshman year, and to provide an opportunity to develop awareness of individual needs as a basis for determining college program. Laboratory fee \$18, including board and room for three weeks in the homemaking apartment. Girls living in the dormitory will receive a refund on board from the dormitory for this period.

20. Guidance in Human Relationships. First term. Credit two hours. For sophomores and students with advanced standing. To be taken on the recommendation of the instructor. Lectures, discussions, and personal conferences. T Th 10. Room 124. Acting Professor SCHUMAKER.

Fee, \$3.

30. Preparation for Assisting in Student Guidance. Second term. Credit one hour. Open to selected freshmen in preparation for assisting in orientation the following term. Discussions and practice. Hours to be arranged. Acting Professor SCHUMAKER and student leaders.

35. Preparation for Student Leadership. Second term. Credit two hours. For sophomores and juniors who are recommended by the faculty to receive preparation for leadership participation later in freshman courses in home economics. Lectures and discussions, T Th 11. Room 124. Acting Professor SCHUMAKER.

Fee, \$3.

100. Participation in Student Leadership. First or second term. Credit one to four hours a term, cumulative credit up to eight hours. For students who are selected for participation in student leadership in freshman courses in home economics. Hours are the same as those of the course in which the student is participating. Additional hours are to be arranged for conference-discussions with the staff member in whose course the student is participating and with Acting Professor SCHUMAKER. Prerequisite for juniors and seniors, Student Guidance 35.

Fee, \$3.

126. Homemaking, Laboratory Course. First or second term. Credit four hours. Five consecutive weeks are spent in the homemaking apartments, time to be arranged for either term at fall registration. Should be taken by prospective teachers, together with Textiles and Clothing 115, and Rural Education 136. Lecture, one hour to be arranged. Mrs. THOMAS and ———.

The purpose of this course is to provide opportunities for the student to develop an appreciation of the rich possibilities inherent in home living and to recognize how each phase of homemaking influences the life of the group and the

individual members. Laboratory fee \$30, including board and room for five weeks in the homemaking apartment. Girls living in the dormitory will receive a refund from the dormitory for this period.

SPECIAL PROBLEMS

110. Special Problems. First or second term. Credit 2 hours. Open to a limited number of students in home economics. Students should consult the instructor or Director Rose before registering. S 10-12. Room 114. Assistant Professor Eddy.

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

AFFILIATIONS

The Merrill-Palmer School. Two seniors in home economics are selected each term, on the basis of their scholarship and interest in child development, to attend the Merrill-Palmer School at Detroit. Application should be made before January 31 of the junior year through the Secretary of the New York State College of Home Economics. Students selected may receive credit for one term's residence at Cornell, and for any of the following courses when equivalent work is taken at the Merrill-Palmer School: Foods and Nutrition 131, Family Life 101, Family Life 107, Student Guidance 126, Special Problems 110, Rural Social Organization 122.

Home Economics and Nursing. Through agreement between the New York Hospital School of Nursing and the New York State College of Home Economics and by mutual acceptance of certain courses for advanced credit it is possible to complete the requirements of both schools in less time than is required for the courses independently.

Suggested arrangements for courses may be obtained from the Secretary of the College.

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

HOTEL ADMINISTRATION

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

COURSES IN OTHER COLLEGES OF THE UNIVERSITY

In order to secure for its students as broad a background of educational experience as is possible, the College of Home Economics supplements the courses offered in its various divisions of instruction with those given in other Colleges of the University. The following list, therefore, includes not only required courses and those which

are prerequisite to certain courses in home economics, but also others which are especially valuable for the contribution they make to the enrichment of the student's program.

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

AGRICULTURAL ENGINEERING

9. **Agricultural Engineering: Household Mechanics.** Second term. Credit two hours. For women students. Open to freshmen. May precede, accompany, or follow course 10. Does not replace it in meeting the Physics requirement. Lectures, T Th 10. Caldwell 100. Professor ROBB and Assistant Professor WRIGHT.

10. **Agricultural Engineering: Household Mechanics.** First or second term. Credit three hours. Lectures, T Th 12. Caldwell 143. Practice, Th or F 1.40-4. Agricultural Engineering Laboratories. Professor ROBB and Assistant Professor WRIGHT.

Laboratory fee, \$2.

46. **Agricultural Engineering: Household Carpentry, Furniture Repairing and Refinishing.** Second term. Credit two hours. For women students. Practice, M F 1.40-4. Agricultural Engineering Laboratories. Professor ROEHL.

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

ANIMAL HUSBANDRY

92. **Animal Husbandry: Meat and Meat Products.** First or second term. Credit one hour. Registration limited to fifteen students a section. Laboratory and lecture period, Th or F 1.40-4. Animal Husbandry Building B and Meat Laboratory. Assistant Professor HINMAN and Mr. SCHUTT.

Laboratory fee, \$2.

BACTERIOLOGY

4. **Bacteriology: Household Bacteriology.** Second term in alternate years. Given in 1935-36. Credit three hours. Prerequisite, Elementary Chemistry. Not accepted as a prerequisite for advanced courses. Lectures, T Th 10. Dairy Building 218. Laboratory, T Th 8-9.50. Additional laboratory section if necessary, T Th 11-12.50. Dairy Building 301. Professor STARK and Mrs. STARK.

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

BIOLOGY, BOTANY, AND ZOOLOGY

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

Students must report to the Biology office, Roberts 322, for assignment to laboratory sections at the time of registration.

Laboratory fee, \$3.50 a term.

303. **Biology: Human Physiology.** First or second term. Credit three hours. M W F 10. Stimson Amphitheatre. Assistant Professor DYE and instructors.

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

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

1. **Botany: General.** Throughout the year. Credit three hours a term:

both terms of the course must be completed to obtain credit, unless the student is excused by the department. If taken after Biology 1, credit two hours a term. Lectures, first term, in three sections: T Th 9 or 11, Mr. PALMQUIST, or W F 11, Dr. LAUBENGAYER; second term, in two sections: T Th 9 or 11, Professor PETRY. Plant Science 233. Laboratory, one period of two and one-half hours. Plant Science 240, 242, and 262. Professor PETRY, Drs. LAUBENGAYER and SCHAPPELLE, Messrs. PALMQUIST, SNELL, REECE, and others. Laboratory fee, \$3.50 a term.

1. Zoology: Introductory. First and second terms. Credit three hours a term. Lectures: section 1, T Th 9; section 2, T Th 11. Goldwin Smith B. Laboratory, M T W Th F 1.40-4 or S 8-10.20. Forenoon sections may be organized if desirable. McGraw 104. Professor REED, Dr. MEKEEL, and Misses McMULLEN and PHELPS.

A comprehensive introduction to the subject of Animal Biology. Registration of laboratory and lecture sections. Fee, \$3 a term.

CHEMISTRY

101. Chemistry: General. First or second term. Credit three hours. Lectures, M W F 11 or T Th S 11. Baker, Main Lecture Room. Professor BROWNE and Assistant Professor LAUBENGAYER.

Examinations for those who were unavoidably absent from the final examination in Chemistry 101 and 105 will be held at 2 p.m. on the day before instruction begins in the fall.

Chemistry 101 and 105 must be taken simultaneously unless permission has been obtained by the student from the Dean of his College and from the Department of Chemistry to take either course alone.

105. Chemistry: General. First or second term. Credit three hours. Recitation, one hour a week, to be arranged. Laboratory sections: M F 1.40-4, T Th 1.40-4, W 1.40-4, S 8-10.20. Baker 150. Assistant Professor LAUBENGAYER and assistants.

201. Chemistry: Introductory Analytical. First or second term. Credit four hours. Prerequisite, courses 101 and 105. Lectures, T Th 10. Baker 177. Laboratory sections, W F 1.40-4, S 8-1. Baker 252. Professor NICHOLS, Dr. MORSE, and assistants. Deposit, \$20.

210. Chemistry: Introductory Qualitative Analysis. Shorter course. First or second term. Credit three hours. Prerequisite, courses 101 and 105. Lecture, T 12. Baker 207. Laboratory sections, T Th 8-10.20, T Th 1.40-4. Baker 40. Mr. ——— and assistants. Deposit, \$20.

225. Chemistry: Introductory Quantitative Analysis. Shorter course. First or second term. Credit three hours. Prerequisite or parallel, course 210. Lecture, Th 12. Baker 207. Laboratory sections, M W 1.40-4, T Th 8-10.20, T Th 1.40-4. Baker 252. Professor NICHOLS, Dr. MORSE, and assistants. Deposit, \$20.

365. Chemistry: Elementary Organic. Second term. Credit three hours. For students in the College of Home Economics. Prerequisite, courses 101 and 105. Lectures, M W 11, Baker 207. Conferences and discussions, F 11. Laboratory, T 1.40-4, Baker 250. Dr. Connor and assistants. In case of schedule conflicts, laboratory work may be taken on Monday 1.40-4 instead of Tuesday. Deposit, \$10.

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

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

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

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

ECONOMICS AND SOCIAL SCIENCE

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

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

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

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

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

50a. **Economics: Introduction to Social Science.** First term. Credit three hours. T Th 9 and an hour to be arranged. Goldwin Smith C. Assistant Professor WOODWARD.

A study of racial and cultural origins and of the factors determining organic evolution and cultural development. Fee for text materials furnished, \$1.50.

50b. **Economics: Introduction to Social Science.** Second term. Credit three hours. Prerequisite, Economics 50a. T Th 9 and an hour to be arranged. Goldwin Smith C. Assistant Professor WOODWARD.

The social development of human personality; the behavior of crowds; social control and social progress.

54. **Economics: The Family.** Second term. Credit three hours. Prerequisite, Economics 50b and the consent of the instructor. T Th S 11. Goldwin Smith 264. Assistant Professor WOODWARD.

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

1. **Rural Social Organization: General Sociology.** First or second term. Credit three hours. Open to sophomores. Not open to freshmen except those registered in the curriculum for social workers in the College of Home Economics. Lectures and discussions, M W F 8. Agricultural Economics Building 25. Assistant Professor ANDERSON.

Fee for materials, \$1.

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

111. **Rural Social Organization: Rural Community Organization.** Second term. Credit two hours. Prerequisite, course 1 or 12, or the equivalent. Lectures, and discussions, M W 8. Agricultural Economics Building 310. Professor SANDERSON.

121. **Rural Social Organization: The Family.** First or second term. Credit three hours. Open to juniors, seniors, and graduate students; open to sophomores only if registered in the curriculum for social workers in the College of Home Economics. Prerequisite, course 1 or its equivalent. Lectures, discussions, and reports. T Th S 8. Agricultural Economics Building 340. Professor SANDERSON, and Assistant Professor COTTRELL.

Fee for materials, \$2.

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

123. **Rural Social Organization: Social Work, Practice.** Throughout the year. Open only to students preparing to become social workers or scout executives. Prerequisite, courses 1 and 121. Individual work at neighborhood houses or in

connection with social welfare organizations. Qualified girl scouts may secure training as assistant troop leaders. Hours and credit to be arranged. Professor SANDERSON and Assistant Professor COTTRELL.

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

EDUCATION

1. **Education: Educational Psychology.** First or second term. Credit three hours. Lectures and recitations. First term, M W F 11. Goldwin Smith 234. Assistant Professor FREEMAN. Second term, M W F 10. Goldwin Smith 142. Professor OGDEN.

2. **Education: Principles of Secondary Education.** First or second term. Credit three hours. Prerequisite, course 1 or its equivalent. Students must report to Goldwin Smith 251 for enrollment both terms. M W F 2. Goldwin Smith 234. Professor JORDAN.

[5. **Education: Theory of Behavior.** Second term. Credit two hours. Primarily for graduate students; open to upperclassmen by permission. T 4-6. Goldwin Smith 248. Professor OGDEN.] Not given in 1935-36.

The nature of behavior, learning, insight, personality, character, and educational applications.

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

The nature of intelligence. History of the development of individual and group tests of intelligence; principles underlying their formation and application; the use of tests of intelligence in school problems and in fields outside the school. The theory, construction, and use of educational tests. Demonstration in administering tests.

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

[17. **Education: Mental Development.** First term. Credit two hours. Prerequisite, course 1 or the equivalent. Given in alternate years. Professor FREEMAN.] Not given in 1935-36.

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

110. **Rural Education: Psychology, an Introductory Course.** First or second term. Credit three hours. Not open to freshmen. M W F 10. Stone 102. Assistant Professor WINSOR.

Fee, \$1.

111. **Rural Education: Psychology for Students of Education.** First or second term. Credit three hours. Open to juniors and seniors. By special permission a limited number of sophomores may register for the course in the second term. Before registering sophomores should consult Miss Stocks. First term, M W F 9 or 11. Second term, M W F 11. Stone 203. Assistant Professor BAYNE and Dr. GARDNER.

112. **Rural Education: Psychology for Students of Education.** First or second term. Credit three hours. Prerequisite, course 110, Psychology 1, or the equivalent. Open to second-term sophomores, juniors, and seniors. M W F 9. First term, Agricultural Economics Building 125; second term, Caldwell 143. Professor KRUSE and Assistant Professor BOYS.

114. **Rural Education: Psychology for Students of Hotel Administration.** First term. Credit three hours. Not open to freshmen. Lectures, M W F 8. Stone 102. Assistant Professor WINSOR.

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

119. **Rural Education: Personnel Administration.** Second term. Credit three hours. Prerequisite, course 114 or the equivalent. M W F 8. Stone 102. Assistant Professor WINSOR.

121. **Rural Education: Method and Procedure in Secondary School Teaching.** First term. Credit three hours. Prerequisite, course 111 or its equivalent. Open to juniors and seniors. Lectures, M W F 11. Stone 102. Professor FERRISS.

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

135. **Rural Education: The Teaching of Home Economics in the Secondary School.** First or second term. Credit four hours. Prerequisite, course 111 or its equivalent. Required of juniors preparing to teach home economics. Lecture, Th 1:40-4. Stone 203. One period daily for observation and participation in the Ithaca Junior High School throughout the semester. Schedules must be approved by the Department of Rural Education. Professor BINZEL and Miss——.

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

136. **Rural Education: Directed Teaching of Home Economics in the Secondary School.** First or second term. Credit four hours. Prerequisite, course 135. Open to seniors who have successfully completed prerequisites in Education and have been approved by a committee composed of members of the faculties of Home Economics and Rural Education. General conferences S 8-10. Stone 203. Professor BINZEL and Misses HASTIE and COWLES. Laboratory fee, \$10.

Schedules must be approved by the Department of Rural Education and must provide three entire days a week or the equivalent over a period of five weeks for directed teaching. Visits to schools for the purpose of studying furnishings and equipment are a part of the course.

137. **Rural Education: Extra-Instructional Problems.** Second term. Credit two hours. Primarily for prospective teachers of home economics. T Th 9. Stone 102. Professor FERRISS.

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

181. **Rural Education: Principles of Education.** Second term. Credit three hours. Prerequisite, course 111. Open to juniors and seniors. Students preparing to teach home economics should take this course. Section 1, M W F 11; section 2, M W F 9. Agricultural Economics Building 125. Professors MOORE and EATON.

211 a. **Rural Education: Psychology for Students of Education.** First term. Credit four hours. For mature students with teaching experience. Lectures, M W F 11-12.20. Stone 309. Professor KRUSE.

[212. **Rural Education: Psychology of Learning.** Second term. Credit two hours. Professor KRUSE.] Not given in 1935-36.

218. **Rural Education: Seminary in Educational Psychology.** Second term. Credit two hours. Th 4.15-6. Stone 309. Professor KRUSE.

219. **Rural Education: Seminary in Personnel Administration.** Second term. Credit two hours. Open to qualified seniors and graduates. Th 4.15-6. Stone 203. Assistant Professor WINSOR.

[228. **Rural Education: Seminary in Behavior and Guidance.** Second term. Credit two hours. For graduate students who have had work in child guidance. Professor WARING.] Not given 1935-36.

[248. **Rural Education: The Preparation of Teachers of Home Economics.** First term. Credit three hours. Open to graduate students of approved qualifications. Professor BINZEL.] Not given in 1935-36.

249. **Rural Education: Seminar in Home-Economics Education.** First term. Credit two hours. Open to graduate students. Time to be arranged. Professor BINZEL.

Course content to be adapted to personnel of class.

[269. **Rural Education: The Administration and Supervision of Home-Economics Education.** First term. Credit three hours. Open to students of approved qualifications. Professor BINZEL.] Not given in 1935-36.

The course includes directed observation of and participation in supervision.

ENGLISH

1. **Elementary Composition and Literature.** Throughout the year. Credit three hours a term. M W F 8, 9, 10, 11, 12, and T Th S 8, 9, 10, 11. Rooms to be announced. Messrs. BALDWIN, ADAMS, FINCH, GIDDINGS, HARRIS, LIPA, MYERS, TRACY, and WILSON.

Open to underclassmen in Agriculture, Architecture, Chemistry, and Home Economics, who have satisfied the entrance requirements in English. A study of composition in connection with the reading of representative works in English literature. Students who have not taken the course in the first term may enter in the second term.

Students who elect English 1 must apply as follows for assignment to sections: in the first term, on September 23, 24, or 25 at the Drill Hall; in the second term, on February 7 at Roberts Hall 292.

EXTENSION TEACHING

15. **Extension Teaching: Journalism.** First term. Credit three hours. Open only to those who have passed the required hours in English with an average grade of 80 or better. T Th S 10. Fernow 210. Professor ADAMS.

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

101. **Extension Teaching: Oral and Written Expression.** First or second term. Credit two hours. Open to juniors and seniors. The number in each section is limited to twenty-four students. Students should consult Assistant Professor PEABODY for assignment to sections. Lectures and practice, M F 11, W F 10, or T Th 11, Roberts 131; M W 9, Plant Science 143, T Th 10, Roberts 292; second term, M W 9, Plant Science 143; T Th 11, Roberts 131. Criticism, by appointment, daily, 8-1. Professor EVERETT, Assistant Professor PEABODY, and Messrs. PHILLIPS and _____.

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

FLORICULTURE

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

A study of the principles and methods of arrangement of flowers for home decoration and table decoration, in baskets, vases, and formal designs; also the arrangement of flowers and plants for all types of interior decoration. Laboratory fee, \$5.

10. **Floriculture: A Brief Introduction to Landscape Design and Ornamental Horticulture.** Second term. Credit three hours. For students who are not specializing in ornamental horticulture. Lectures, M W F 9. Plant Science 141. Acting Professor PORTER and members of the staff.

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

GOVERNMENT

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

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

HYGIENE

1. **Hygiene.** First term. Credit one hour. One lecture-recitation each week with preliminary and final examination. The use of a textbook is required.

Sections for men: Assistant Professors GOULD, SHOWACRE, and YORK, and Doctors ROBINSON, HAWKINS, and TEAGARDEN.

Sections for women: Assistant Professor EVANS and Doctors CUYKENDALL and STELLE.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

2. **Hygiene.** Second term. Credit one hour. One lecture-recitation each week with preliminary and final examination. The use of a textbook is required.

Sections for men: Assistant Professors GOULD, SHOWACRE, and YORK, and Doctors ROBINSON, HAWKINS, and TEAGARDEN.

Sections for women: Assistant Professor EVANS and Doctors CUYKENDALL and STELLE.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

The following courses may be elected for credit. All registrations at Hygiene office, Old Armory.

[3. **Hygiene: Health Supervision of School Children.** Second term. Credit two hours. Open to sophomores, juniors, and seniors. Prerequisites, suggested but not demanded, Human Physiology and Anatomy. Assistant Professor GOULD.] Not given in 1935-36.

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

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

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

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

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

[7. **Hygiene: Rural Hygiene.** Second term. Credit one hour. Prerequisites, Hygiene 1 and 2. Professor SMILEY.] Not given in 1935-36.

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

8. **Hygiene: Mental Hygiene.** First or second term. Credit two hours. Prerequisites, Hygiene 1 and 2. Section 1, M F 11, Histology Lecture Room, Stimson. Assistant Professor YORK. Section 2, W F 2. Histology Lecture Room, Stimson. Doctor STELLE.

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

HYGIENE AND PREVENTIVE MEDICINE

All new students must present themselves to the medical advisers for a thorough physical examination during the first year. Such examinations are repeated thereafter as there are indications that they are needed. Seniors also receive a complete physical examination with an analysis and evaluation of the past health record, present health status, and a suggested program for future health care.

PHYSICAL EDUCATION FOR WOMEN

The program consists of: six weeks of outdoor sports in fall and spring; indoor classes in gymnastics, folk and natural dancing, apparatus, games, swimming, riflery, fencing, golf, and corrective exercises.

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

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

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

PHYSICS

3. **Physics: Introductory.** First term. Credit three hours. Demonstration lectures, W F 9 or 11. Rockefeller A. One conference hour by arrangement. Assistant Professor HOWE. One laboratory period a week, to be arranged. Rockefeller 220. Messrs. MANN, MESCHTER, MYERS, and WEEKES.

A first course in Physics. Open only to students who do not offer Physics for entrance. Properties of matter, sound, and light.

4. **Physics: Introductory.** Second term. Credit three hours. A continuation of course 3 and should be preceded by it. Hours and staff as in course 3.

Electricity, magnetism, and heat.

7. **Physics: Introductory.** First term. Credit three hours. Lectures and laboratory as in course 3, at the same hours, and with the same staff. The conference hour is not included.

Open only to students who have offered Physics for entrance. Properties of matter, sound, and light.

8. **Physics: Introductory.** Second term. Credit three hours. A continuation of course 7. Hours and staff as in course 7.

Open only to students who have offered Physics for entrance. Electricity, magnetism, and heat.

PSYCHOLOGY

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

RURAL EDUCATION

See *Education*.

RURAL SOCIAL ORGANIZATION

See *Economics and Social Science*.

ADMISSION AND ENTRANCE REQUIREMENTS

CORRESPONDENCE

Correspondence concerning entrance to Cornell University should be addressed to Dr. Eugene F. Bradford, Director of Admissions, Cornell University, Ithaca, New York.

Correspondence concerning requirements for graduation, advanced standing, records, and correspondence of a general nature, should be addressed to the Secretary of the Colleges of Agriculture and Home Economics, Roberts Hall, Ithaca, New York.

Correspondence concerning the content of courses in home economics should be addressed to the Director of the College of Home Economics, Cornell University, Ithaca, New York.

Correspondence concerning graduate work in home economics should be addressed to the Dean of the Graduate School, Cornell University, Ithaca, New York.

Correspondence concerning the content of hotel courses, and the hotel-practice requirement, should be addressed to Professor H. B. Meek, Cornell University, Ithaca, New York.

SCHOLASTIC ENTRANCE REQUIREMENTS

Students are admitted to the College of Home Economics on examination, or on presenting acceptable credentials of the University of the State of New York, or on acceptable school certificate or on transfer from other colleges.

For admission to the New York State College of Home Economics, an applicant must offer either A or B, as follows:

A. Fifteen units, arranged as follows: English (3), history (1), elementary algebra (1), plane geometry (1), foreign language (3 units in one language or 2 units in each of two), elective (6 or 5).

B. The New York Academic Vocational Diploma in Homemaking with the further provision that either elementary algebra, 1 unit, and plane geometry, 1 unit, or physics, 1 unit, must be included.

The subjects that may be offered for admission to the College of Home Economics are named in the accompanying list; the figure in parenthesis following each subject indicates its value in entrance units and shows the maximum and the minimum amount of credit allowed in the subject. A unit represents five recitations a week for one year in a study.

- | | |
|---|--|
| 1. English, 4 years. (3) | 9f. Plane Trigonometry (½) |
| 2. 1st to 3rd Year Greek . . . (1, 2, 3) | 10. Physics (1) |
| 3. 1st to 4th Year Latin . . . (1, 2, 3, 4) | 11. Chemistry (1) |
| 4. 1st to 4th Year German . . (1, 2, 3, 4) | 12. Physical Geography (½-1) |
| 5. 1st to 4th Year French . . (1, 2, 3, 4) | 13. Biology* (1) |
| 6. 1st to 4th Year Spanish . . (1, 2, 3, 4) | 14. Botany* (½-1) |
| 7. 1st to 3d Year Italian . . . (1, 2, 3) | 14a. Zoology* (½-1) |
| 8a. Ancient History (½-1) | 15. Bookkeeping† (½-1) |
| 8b. European History (½-1) | 16. Agriculture, Home Econ.† . (½-4) |
| 8c. English History (½-1) | 17. Drawing (See note) (½-1) |
| 8d. Am. History and Civics . . (½-1) | 18. Manual Training " (½-1) |
| 9a. Elementary Algebra (1) | 19. { Any High School subject
or subjects not already
used and acceptable to
the University.† } (½-2) |
| 9b. Intermediate Algebra (1) | |
| 9c. Advanced Algebra (½) | |
| 9d. Plane Geometry (1) | |
| 9e. Solid Geometry (½) | |

*If an applicant has counted Biology (1), he may not also offer Botany (½) or Zoology (½).

†An applicant may offer not to exceed four units in vocational subjects under numbers 16, 18, and 19, combined. Bookkeeping may not be offered together with more than one of the subjects listed under 16, 17, and 18.

GENERAL ENTRANCE REQUIREMENTS

Besides satisfying the scholastic entrance requirements as listed above, candidates for admission must comply with the following rules:

1. Every candidate for admission to an undergraduate course must deposit \$25 with the University. Candidates are warned not to send cash through the mails. A check, a draft, or an order should be payable to Cornell University and should be sent to the Office of Admissions, Cornell University. The deposit must be made not later than June 1 if the candidate is to be admitted in September and not later than January 1 if she is to be admitted in February.

If the candidate matriculates, the deposit will be credited to her account, \$10 for the matriculation fee, \$1 for an examination-book fee, and \$14 as a guaranty fund, which every undergraduate student is required to maintain and which is to be refunded upon her graduation or permanent withdrawal, less any indebtedness to the University.

If admission is denied a candidate, the deposit is refunded in full at any time.

A candidate may withdraw the application for admission, but a charge of \$10 is regularly made for accrued expenses unless the application is withdrawn and a refund of the deposit in full is claimed before the due date, which is June 1. If an application is not withdrawn until after the due date, but is withdrawn before August 31, the \$10 charged for accrued expenses is deducted and \$15 of the deposit is refunded. No refund is made to an applicant who withdraws the application after August 31.

In the case of applications for admission in February, a withdrawal after January 1 incurs the regular charge of \$10, and no refund is made for withdrawal after January 31.

2. Every candidate for matriculation must submit to the Director of Admissions a satisfactory certificate of vaccination against small-

pox, not later than August 1 if she is to be admitted in September, or not later than January 1 if she is to be admitted in February. It will be accepted as satisfactory only if it certifies that within the last five years a successful vaccination has been performed or three unsuccessful attempts at vaccination have been made.

3. Every candidate for admission to an undergraduate course must file with her application at the Office of Admissions either a certificate of good moral character or, if she has attended some other college or university without graduating, a certificate of honorable dismissal from it.

4. Candidates for admission must file their credentials and obtain permits for any necessary entrance examinations at the University Admissions Office, Morrill Hall. The results of examinations may be ascertained from the Director of Admissions.

SELECTION OF ELIGIBLE CANDIDATES FOR ADMISSION TO THE COLLEGE OF HOME ECONOMICS

It is necessary to limit the number of students admitted to the College of Home Economics. As a basis for selection, information is obtained regarding each applicant's scholarship and certain traits of character in order to select from among those who have completed the formal academic requirements the persons likely to profit most by the training offered in the College. As a further help in selection, applicants will be asked to meet representatives from the College at various centers in the State for a personal interview and to fill out a series of questionnaires.

Unless there are strong counterbalancing evidences of fitness, admission will be possible only for those whose average is at or above a New York State Regents average of 80, who are in the upper two-fifths of the graduating class in high school, and who have shown leadership among their associates.

After the student has made formal application for entrance, with the University Director of Admissions, on blanks provided by that officer on request, the Committee will consider the case and advise the student of its decision, at as early a date as possible.

As the task of getting the necessary evidence is time-consuming and as the eligible list may be filled quickly, all prospective students are advised to make decisions and applications early. April 1 is set as the last day upon which formal application for admission in September may be filed.

FRESHMAN WEEK-END

Freshman students accepted for admission to the College of Home Economics in 1935 must report at the College on Thursday, September 19, at 5 p. m., and be present during freshman week-end. This arrangement is required in order that freshmen may become some-

what adjusted to the new environment before the other students return and also to enable members of the staff responsible for advising freshmen to become acquainted with the needs of each student.

A charge of \$3 is made to cover expenses in the dormitory over the week-end.

Further information on the plan will be sent to applicants who are accepted.

ADMISSION WITH ADVANCED STANDING

Credit toward a degree for work done in a preparatory school on subjects that may be offered for entrance to the University will be given only to those students who, in addition to satisfying all entrance requirements, pass separate examinations in the subjects for which they seek college credit. These examinations will cover substantially the same ground as the university courses in the subjects. An applicant desiring a college-credit examination of this kind must apply to the Director of Admissions as early as possible, and at least twenty-four hours before the first examination, specifying which fifteen units she intends to offer in satisfaction of the entrance requirements, and on what other entrance subjects she wishes to be examined for credit. In case she fails to satisfy the entrance requirements in any one or more of the units on which she proposed to enter, but passes the credit examination in any other subject or subjects, she may use the latter toward satisfying entrance requirements, but in that case she cannot also receive college credit for it. The college credit examinations will be held September 16 to 20, 1935, on the dates set for the entrance examinations in the same subjects.

The maximum amount of credit toward the degree of bachelor of science, which is allowed for the work of any one summer session, is eight hours.

A student admitted to the College of Home Economics from another college in Cornell University, or from any other institution of collegiate rank, will be regarded as having completed the number of terms and hours to which her records entitle her, and will receive all the privileges of students who have completed the same number of terms and hours by residence in the College. In order, however, to obtain the degree of bachelor of science, she must have completed the prescribed subjects in the four-years course and the requisite number of elective hours in home-economics subjects. She must also have been in residence in the College of Home Economics for her last two terms and have completed not less than fifteen hours a term, of which two-thirds, at least, must be subjects taught by the staff of the College of Home Economics.

GENERAL INFORMATION

LIVING ARRANGEMENTS

Cornell University requires its women students to live in the residence halls (freshmen and juniors in Prudence Risley and Sage Halls, sophomores and seniors in Balch Halls). In these buildings the total cost of board, laundry, and rent of furnished rooms with heat and light is \$525. The halls are heated by steam and lighted by electricity. Dormitory facilities for women are adequate, and special permission to live elsewhere is granted by the Dean of Women to new students only under exceptional circumstances. Students planning to work and live outside the dormitory must secure such permission *before any plans for work are initiated*. The Dean of Women has jurisdiction over all women students in the University, and prospective students are requested to write to her for information concerning matters in which they may need assistance.

Inquiries in regard to board and room in the women's halls should be addressed to the manager of Residential Halls, Morrill Hall, Ithaca, New York.

Seniors in the College of Home Economics who are registered for Student Guidance 126 (Homemaking, Laboratory Course) are required to live for five weeks in the homemaking apartments in Martha Van Rensselaer Hall. One-half of the student's board in the dormitory for this period is refunded.

PAYMENTS TO THE UNIVERSITY

TUITION

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

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

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

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

The tuition fees of \$200 and \$400 are payable, respectively, in installments of \$110 and \$220 at the beginning of the first term, and \$90 and \$180 at the beginning of the second term, but a student registered only for the second term of the academic year is required to pay at the rate of the first term.

Students in the College of Home Economics who desire to take work in colleges other than Home Economics or Agriculture in excess of that required or allowed free under the rules of the College (page 8) may do so if they pay for the additional instruction at the current rate of tuition in the college in which the work is taken.

Tuition and other fees become due when the student registers. The University allows twenty days of grace after the last registration day of each term of the regular session. The last day of grace is generally printed on the registration coupon which the student is required to present at the Treasurer's office. Any student who fails to pay her tuition charges, other fees, 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 any such extension the student is assessed a fee of \$5 for the first week and \$2 additional for each subsequent week in which the whole or any part of the debt remains unpaid, but the assessment in any case is not more than \$15. The assessment may be waived in any instance for reasons satisfactory to the Comptroller and the Registrar, when such reasons are set forth in a written statement.

The rules governing the rate of tuition in cases of withdrawal during the term or registration late in the term are stated in the *General Information Number*.

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

OTHER FEES

A matriculation fee of \$10 is required of every student upon entrance into the University, and is payable at the time of registration. A new undergraduate student who has made the required deposit of \$25 with the Treasurer does not make an additional payment of the matriculation fee, because the Treasurer draws on the deposit for this fee. See page 35.

A health and infirmity fee of \$6 a term is required, at the beginning of each term, of every student. For a statement of the privileges given in return for this fee, see the *General Information Number*, page 37.

A Willard Straight Hall membership fee of \$5 a term is required at the beginning of each term, of every undergraduate student. Its

payment entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to regulations approved by the Board of Managers of the Hall.

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

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

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

A graduation fee is required, at least ten days before the degree is to be conferred, of every candidate for a degree. For a first, or baccalaureate, degree, the fee is \$10; for an advanced degree it is \$20. The fee will be returned if the degree is not conferred.

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

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

Special fees. Assessments, charged to the student's account and payable at the Treasurer's office, are levied upon the student in certain circumstances, under the following rules of the University:

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

A student desiring to file her registration of studies after the date set by her college for filing the same shall first pay a fee of \$2.

A student desiring to take an examination or other test for the removal of a term condition (including the making up of a mark of "absent" or "incomplete") shall first pay a fee of \$2 for each examination or other test.

A student desiring to make an appointment for the required medical examination or conference after twenty days from the last registration day of the term shall first pay a fee of \$2.

A student desiring to be reinstated after being dropped from the University for delinquency in scholarship or in conduct shall first pay a fee of \$25.

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

For reasons satisfactory to the proper authority, any of the above-mentioned assessments (except that levied for examination or other test to remove a condition) may be waived in any individual case if the student's failure to comply with the regulation was due to ill health or to any other reason beyond her control. Application for such a waiver should be made to the Dean of the college enrolling the student or, in the case of the medical examination, to the chairman of the Faculty Committee on Health.

ESTIMATE OF STUDENT EXPENSES

UNIVERSITY

REQUIRED:

All students

Tuition (see page 38).....	_____
Room and board in dormitory ¹ (see page 38) ..	\$525.00
Infirmary fee.....	12.00
Willard Straight membership.....	10.00
Books, course fees, and materials (estimated minimum) ..	50.00
Physical-recreation fee.....	8.00

Total without tuition.....\$605.00

For new students

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

For Freshmen and Sophomores

Gymnasium equipment (to be purchased in Ithaca).... 13.50

For Seniors

Graduation fee.....\$10.00

DESIRABLE BUT NOT REQUIRED:

Freshman-banquet fee.....	\$ 1.50
Subscription to Cornell Daily Sun.....	4.50
Subscription to Cornell Annual.....	7.50
Music, University Concert Course (season).....	3.50 to 7.50
Dramatic Club productions, each.....	0.50 to 1.00
Athletic games (season)—major sports.....	10.00
Athletic games (season)—minor sports.....	5.00

PERSONAL²

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

¹Additional charge is made to students remaining in Ithaca during Christmas and spring vacations.

²To be estimated by the individual.

FEES IN HOME ECONOMICS COURSES

ECONOMICS OF THE HOUSEHOLD		HOUSEHOLD ART		<i>Additional expense</i>
<i>Course</i>	<i>Fee</i>	<i>Course</i>	<i>Fee</i>	
10.....	\$ 2.00	1.....	\$ 7.50	
26.....	3.00	10.....	2.50	
130.....	2.50	16 a,b,c,d, (each credit hour)....	3.75	
145.....	2.50	32a.....	7.50 or 9.50	
		35.....	7.50	
FAMILY LIFE		INSTITUTION MANAGEMENT		
<i>Course</i>	<i>Fee</i>	<i>Course</i>	<i>Fee</i>	
100.....	\$ 5.00	85.....	\$ 3.00	
101.....	7.50	87.....	3.00	
107.....	7.50	100.....	5.00	
126.....	4.00	102.....	2.00	
200.....	5.00	105.....	7.00	
205.....	7.50	111.....	1.00	\$10.00
215.....	7.50	112.....	12.00	
220a.....	3.00	113.....	8.00	
220b.....	3.00	115.....	12.00	
FOODS AND NUTRITION		TEXTILES AND CLOTHING		
<i>Course</i>	<i>Fee</i>	<i>Course</i>	<i>Fee</i>	
2 (each term)	\$18.00	3.....	\$ 5.00	\$ 3.00
9.....	18.00	5.....	5.00	15.00 to 25.00
9a.....	18.00	8.....	5.00	15.00 to 25.00
11.....	18.00	10.....	3.00	5.00
12.....	20.00	15.....	5.00	10.00
22.....	2.00	51.....	7.50	1.00
102a (each term)	1.00	55.....	5.00	10.00
102b.....	10.00	103.....	5.00	15.00
109.....	18.00	115 (each credit hour).....	1.00	
111.....	18.00	120.....	3.00	5.00
121.....	6.00			
122.....	9.00			
124.....	6.00			
131 (each laboratory hour).....	8.00			
224.....	5.00			
229.....	5.00 to 25.00			
230.....	1.00			
		STUDENT GUIDANCE		
		<i>Course</i>	<i>Fee</i>	
		1.....	\$ 5.00	\$ 3.00
		10.....	18.00	
		20.....	3.00	
		35.....	3.00	
		100.....	3.00	
		126.....	30.00	

OPPORTUNITIES FOR STUDENT EMPLOYMENT

A number of women students earn enough to pay part or all of their college expenses. To earn any appreciable amount, however, a student must be in excellent health, since the burden is heavy when employment is added to scholastic work. It is strongly advised that a student have at least \$500 before she begins her University course, and that she take at least a term to adjust herself to college life before attempting outside work.

Opportunities for earning during the first year at Cornell are

limited. Usually after the first year employment can be obtained more easily. If a student is earning a considerable portion of her expenses, she should not try to carry the average heavy scholastic schedule, except under unusual circumstances. She may need to plan for an extra term at the University.

BOARD

A small number of students are able to earn their board by waiting on table in University dining rooms. In such cases \$261 for the year is deducted from the total dormitory charge of \$525.

BOARD AND ROOM

A student may earn her board and room in a private family in return for four hours of work a day. Since Cornell University requires women students to live in the residential halls, permission to live elsewhere must be secured from the Dean of Women before any plans for work are made by the student.

MISCELLANEOUS WORK

Students may earn enough to pay for some of their expenses by doing part-time work. Since calls for this type of work are irregular, one cannot depend on earning any definite amount. Work of this kind includes care of children, serving at teas, light housework, clerical work, stenography, and typing. If a student has done any work before coming to college, recommendations from former employers may be helpful. Students should register at the office of the Dean of Women where an employment bureau for women students is maintained. *Questions regarding opportunities for employment while in college should be addressed to the office of the Dean of Women.*

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

THE STATE UNIVERSITY SCHOLARSHIPS

Under Chapter 292 of the Laws of 1913, as amended by Chapter 502, Laws of 1920, and Chapter 130, Laws of 1924, the State of New York maintains scholarships, five of which are awarded each county annually for each assembly district therein. Each of these scholarships entitles the holder to \$100 for each year while he is in attendance upon an approved college in this State during a period of four years. These are called the State University Scholarships. At Cornell they are commonly known as the State Cash Scholarships, to distinguish them from the State Tuition Scholarships in this University. They are awarded by the State Commissioner of Education at Albany, to whom application should be made for any information about the conditions of award, or for any information about the rules of administration.

THE UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

Eighteen University Undergraduate Scholarships, each continuing for two years and having an annual value of \$200, are offered each year to members of the incoming freshman class. The award is made on the basis of a special competitive examination held in Ithaca in September, between the period of the entrance examinations and the opening of the University. Every candidate for a University Undergraduate Scholarship must have satisfied in full the entrance requirements of that college of the University which he proposes to enter. See the *General Information Number* for the rules under which these scholarships are awarded.

THE DREYFUS MEMORIAL SCHOLARSHIPS

Two scholarships of an annual value of \$500 each have been established by Mrs. Berta E. Dreyfus in memory of her husband, Dr. Louis A. Dreyfus. In their award preference is given first to students coming from the high schools of Richmond County, New York, and next to those from Sandusky County, Ohio. First consideration is given to those specializing in Chemistry, Engineering, or Agriculture, or, in case of women, in Home Economics or Arts and Sciences. Application must be made to the Dean of the University Faculty before the first Wednesday of May.

THE CARRIE GARDNER BRIGDEN SCHOLARSHIP

The Carrie Gardner Brigden Scholarship was founded by the New York State Federation of Home Bureaus and named in honor of Mrs. Carrie Gardner Brigden, the first president of the Federation. The scholarship is awarded each year to either a junior or a senior in the New York State College of Home Economics or to a graduate of any qualified college who is to study at the New York State College of Home Economics, who needs financial assistance, whose college work shows distinguished ability, and whose character warrants the award. A qualified applicant intending to enter the extension service of the New York State College of Home Economics as a home-demonstration agent will be given preference. Applications should be filed with the college secretary before January 1. Awarded for 1934-35 to Marjorie Harriet Shaver of the class of 1935.

THE MARTHA VAN RENSSELAER HOME BUREAU SCHOLARSHIP

The Martha Van Rensselaer Home Bureau Scholarship was founded by the New York State Federation of Home Bureaus and named for Martha Van Rensselaer, pioneer in home-economics extension service in New York State and first state leader of home demonstration agents. Application for the scholarship may be made by those registered as undergraduate students in the New York State College of Home Economics or by those qualified to do graduate work in home economics. The applicant should signify her intention to be-

come a home-demonstration agent in the New York State Extension Service. Students of this College should file their applications with the College Secretary before January 1. Not awarded in 1934-35.

THE HOME ECONOMICS CLUB SCHOLARSHIP

The Home Economics Club Scholarship of \$100 is awarded to a senior student. The holder of the scholarship is selected on the basis of financial need and of outstanding ability in scholarship and leadership. Application should be filed in the office of the Secretary of the New York State College of Home Economics before March 1. The holder of the scholarship will be selected by the scholarship committee of the faculty, cooperating with a committee of three seniors appointed by the president of the Home Economics Club and with the approval of the director of the College. The award for the following year is announced before Commencement Day. Awarded for 1934-35 to Mildred Emily Almstedt of the class of 1935.

THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship of \$75 is awarded by the Association of Home Economics Teachers of the New York City Elementary Schools to a graduate of a New York City high school studying at the New York State College of Home Economics and expecting to return to teach in New York City. Awarded for 1934-35 to Dorothy Eleanor Godfrey of the Class of 1938.

OMICRON NU SCHOLARSHIP

The Omicron Nu Scholarship of \$50 is awarded to a member of the Sophomore class. The award is made on the basis of scholarship, activity, and financial need. Applications must be filed in the office of the Secretary of Home Economics before March 1. Awarded for 1934-35 to Catherine Hedwig Stainken of the class of 1936.

THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP

The New York State Federation of Women's Clubs offers from time to time a scholarship at \$250 to a student who has given evidence of scholarship and a desire to serve the interests of homemaking in New York State. Application should be filed with the Chairman of the Federation Scholarship Committee, Mrs. H. P. Van Wagenen, 17 John Street, Kingston, New York. Awarded for 1934-35 to Carroll Coleman Connely of the class of 1935.

DAUGHTERS OF THE AMERICAN REVOLUTION INDIAN SCHOLARSHIP

The New York State Conference, Daughters of the American Revolution, has created a four-years scholarship in the College of Home Economics for a New York Indian student. This permanent

scholarship is in memory of Olive S. Whitman, late wife of ex-Governor Charles S. Whitman, and has an annual value of about \$500. Applications for this scholarship must be filed at the office of the Director before February 1.

THE ANNA CORA SMITH FELLOWSHIP

A research fellowship of \$400 annually was established by Mrs. Anna Cora Smith for research in home-economics problems which will add to knowledge and be of service to women.

The research is to be carried on in some field of home economics, under the supervision of this College. The fellowship will be granted by the Graduate School of the University, and all applications should be addressed to the Secretary of that school. Awarded for 1934-35 to Evelyn Turner, of Elliott, Iowa, and Flemmie P. Kittrell, of Henderson, North Carolina.

OTHER SCHOLARSHIPS

A description of other scholarships open under certain conditions to undergraduates in the Colleges of Agriculture and Home Economics will be found in the *General Information Number*.

PRIZES

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

LOANS

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

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

NEW YORK STATE COLLEGE OF HOME ECONOMICS

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†On leave second term.

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*On leave first term.

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