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Announcement of the
New York State College
of Home Economics
for 1934-35

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THE CALENDAR FOR 1934-35

FIRST TERM

1934		
Sept. 17	Monday	University entrance examinations begin.
Sept. 20	Thursday	Freshman Week-End begins.
Sept. 24	Monday	Academic year begins. Registration of new students.
Sept. 25	Tuesday	} Registration of old students.
Sept. 26	Wednesday	
Sept. 27	Thurs. 8 a.m.	Instruction begins.
Oct. 19	Friday	Last day for payment of tuition.
Nov. 29-Dec. 2		Thanksgiving recess.
Dec. 22	Sat. 12.50 p.m.	Instruction ends.
1935		} Christmas recess.
Jan. 7	Mon. 8 a.m.	
Jan. 11	Friday	Birthday of Ezra Cornell. Founder's Day
Jan. 28	Monday	Term examinations begin.
Feb. 6	Wednesday	Term examinations end.

SECOND TERM

Feb. 8	Friday	} Registration of all students.
Feb. 9	Saturday	
Feb. 11	Mon. 8 a.m.	Instruction begins.
Feb. 11-16		Farm and Home Week.
Mar. 4	Monday	Last day for payment of second-term tuition.
Mar. 30	Sat. 12.50 p.m.	Instruction ends.
Apr. 8	Mon. 8 a.m.	Instruction resumed.
May —	Saturday	Spring Day, recess.
June 3	Monday	Term examinations begin.
June 17	Monday	Sixty-seventh Annual Commencement.

1935

SUMMER SESSION

July 8	Monday	Summer session begins.
Aug. 16	Friday	Summer session ends.

NEW YORK STATE COLLEGE OF HOME ECONOMICS

PURPOSES OF HOME ECONOMICS

Higher education for women was brought about by the desire of women to share with men in 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 adequately 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. Further, it became increasingly obvious that, since modern home life does not require all of woman's time, her training should also enable her to contribute productively outside the home.

One of the outcomes of this recognition of the inadequacy of earlier education for women was the development of home economics. It is uniquely woman's concept of a field of education for women. It is a means whereby women can specifically prepare themselves to meet complex problems of human welfare and human relationships.

In the early stages of its development, home economics consisted largely of teaching in schools and colleges in a somewhat formal way those household skills, such as cooking, cleaning, sewing, and caring for the family possessions, which had previously been taught in the home. But 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 stimulation and promotion of the educational and social interests of home, family, and community life. To find solutions to these problems, home economics draws on the world's store of science and art. Through this utilization of science and art toward the solution of problems fundamental to individual and social well-being, home economics thus provides a type of education for women different from any other.

On the vocational side, home economics prepares women for a wide range of stimulating and remunerative positions: as teachers of home economics in schools, colleges, and in extension service; as clothing advisers in educational and commercial concerns; as managers of cafeterias and tea rooms; as nutritionists and hospital

dietitians; as directors of experimental kitchens and testing bureaus for food or equipment companies; as home service workers for public-utility companies, banks, and social-service agencies; as writers on home-economics subjects for newspapers, magazines, and radio broadcasts.

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

DIVISIONS OF INSTRUCTION

WITH DESCRIPTION OF COURSES

The College of Home Economics is organized into six departments of instruction: Economics of the Household, and Household Management; Family Life; Foods and Nutrition; Household Art; Institution Management; and Textiles and Clothing.

Unless otherwise noted, all courses are given in the home-economics building, Martha Van Rensselaer Hall.

ECONOMICS OF THE HOUSEHOLD, AND HOUSEHOLD MANAGEMENT

The economic problems of families consist not only of those for which their own wise management can find solution but also of those which are so interrelated with factors outside the home that only group action can make progress toward their solution. The aim of this department, therefore, is to broaden the students' 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.

10. Introduction to the Economic Aspects of Living. First or second term. Credit two hours. For freshmen only. T Th 11. 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. In the fall term of 1934-35 a section is offered for juniors and seniors; in the spring term and thereafter students other than sophomores will be admitted only by permission of the instructor. Lectures: First term, junior and senior section, T Th 8; sophomore section, W F 9. Room 124. Second term, W F 9, Rooms 121 and 124. Professor MONROE and Assistant Professor FISH.

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.

110. Planning Expenditures on the Basis of Individual Goals and Standards of Living. Second term. Credit two hours. Primarily for sophomores and juniors. Lectures, T Th 9. Room 124. Professor MONROE.

The purpose of this course is to develop ability to plan expenditures in accordance with the individual's needs and goals of living through a broader understanding of problems of consumption. It includes a consideration of what standards of living are prevalent among different groups in this country today; how these standards have come to be; why we spend as we do; what

are high standards of consumption; what should be the major objectives in planning expenditures; how ways of spending may be improved and standards of living may be raised; how individual and family choices in planning consumption are related to social problems. Fee for materials, \$2.

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 Miss _____.

The purpose of this course is to provide opportunities for the students to develop an appreciation of the rich possibilities inherent in home living, and a recognition of how each phase of homemaking influences the life of the group and the individual members. Laboratory fee, \$30 including room and board for five weeks in the homemaking apartment.

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 of commodities 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, Rooms 121 and 124; second term, W F 10, Room 121. Professor CANON and Assistant Professor FISH.

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.

[**160. The Marketing System as it Affects the Consumer.** First term. Credit three hours. For graduate students and seniors who have taken Economics of the Household 26. Professor MONROE.] Not given in 1934-35.

The purpose of this course is to study and evaluate the marketing system from the standpoint of the consumer. It considers the channels through which foods, clothing, and other household goods pass in moving from points of production to retail stores; how consumers are affected by social control of wholesale and retail markets, as, for example, by legislation, codes, and regulations of trade associations; what would be the characteristics of satisfactory quality standards for consumers' goods; how standardization might affect present market practices; how retail-price policies affect consumers; advantages and disadvantages of instalment buying and other forms of consumer credit; how consumer demand is manipulated; present trends in marketing and their effect upon consumers. Fee for materials, \$2.50.

210. Problems of Household Consumption. Second term. Credit two or three hours. For graduate students. Hours to be arranged. Room 114. Professor MONROE.

Topics for discussion include: origin and characteristics of our standards of living; patterns and so-called laws of consumption; varying concepts of what constitutes a high standard of living; standards for judging consumption; social problems of choosing and spending; attempts to improve customs and habits of consumption and to raise levels of living.

Graduate students especially interested in research should register for three hours of credit, as the third hour of the course includes a survey of research in the field of consumption.

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. Prerequisite, a fundamental knowledge of home economics. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

FAMILY LIFE

Human behavior is a critical factor in the world situation today. With materials in abundance, and with skills and techniques advanced beyond present ability to use them constructively, social behavior is one of the factors that prevents progress. For the most part, people cannot be depended upon to think, feel, and act for the good of the group unless they can see immediate individual advantage. However, individuals can learn to respond to larger social values. The simple and almost universal laboratory for developing social interaction is the family. During their early years in the family children begin to learn the attitudes and practices that will influence them throughout life. It becomes the function of the Department of Family Life in this college to capitalize for family betterment certain contributions from home economics, sociology, psychology, education, medicine, and other fields; to organize these findings so that they may be readily usable by parents, and to carry these learnings to as many families as possible for use in the betterment of their family life. Social interaction in the school, the community, and the nation cannot be depended upon to rise far above the level of social interaction in the families of the nation.

All courses in family life attempt to emphasize the family relationship aspect of home-economics subject matter. Family relationships influence especially the behavior of young children. Because of this the Nursery School is used extensively as a laboratory. Undergraduate courses deal with the various aspects of child development and parent education, in order to help students to understand child nature and to appreciate the influence that things and people have upon it. In the laboratory the point of reference is primarily and overtly the young child, for the influences of daily life are observable in process; in class discussion the student herself, past and present, is, more or less implicitly, the point of reference. An attempt is made to help the students apply their learnings to more effective personal adjustments. This latter emphasis is most successfully developed through individual conferences supplementing the class work.

[III. **The Family.** First term. Credit two hours. For seniors, and others by permission. ————]. Not given in 1934-35.

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 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.

100 a. The Home and Family Life, Orientation, Extended Course. First term. Credit three hours. Should be taken in the freshman year. Lecture-discussion, T Th 8. Room 117. Additional conference hour to be arranged each week. Professors FOWLER and WARING, and Assistant Professor REEVES.

This course includes Family Life 100, but has been extended for students who are living in families where there are young children or who are especially interested in children and their development. The conference hour each week in addition to the regular class hours makes possible the discussion of problems students are meeting in their immediate contacts with children. The course will be offered if at least ten students enroll for it. Laboratory fee, \$5.

101. Principles in Behavior and Guidance, Elementary Course. First or second term. 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 9. 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 F 8. Room 117. Two hours of observation weekly in the Nursery School and private homes. Programs to be checked with the instructor during registration. Laboratory to be arranged after the first lecture period. 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 evalu-

ation 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 1934-35.

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. 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, demonstrations, M W F 10. Room 117. One hour of observation weekly in the Nursery School and elsewhere. Programs to be checked with the instructor during registration. Laboratory to be arranged after first class period. Dr. BULL and Mrs. REED.

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, \$3.

[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 1934-35.

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, M W F 8. Room 117. 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 most 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 to themselves 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. W 2-4 is held provisionally for group activities. Professor WARING.

Laboratory fee, \$7.50.

220. **Participation in the Nursery School.** First or second term. Credit two, three, or four hours. 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 only to a limited number of seniors and graduate students with adequate personal and professional qualifications. Laboratory and conference hours to be arranged. Professors FOWLER and WARING, and Assistant Professor REEVES.

Laboratory fee, \$3.

228. **Seminary 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. Prerequisite, a fundamental knowledge of home economics. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

Note: The attention of students is called to the following courses offered by Acting Professor Lewin in the Department of Education in the College of Arts and Sciences (see pages 46 and 47 of the announcement of courses for that college: Education 5, **Theory of Behavior**; Education 17, **Mental Development**).

FOODS AND NUTRITION

Vitality, that state of physical vigor and joy in living which is based on sound physical health, controls to a great extent our power of self-direction and our usefulness in the world. That food is related to the achievement and maintenance of health has been known for centuries, but only recently, with the growth of our knowledge of nutrition, have we fully realized its significance, both nutritionally and psychologically. Now it is known that the food we eat largely determines the kind of bodies we shall have, whether they will be strong or frail. We know, too, that food helps us to build resistance to infection, to ward off disease, to prolong the vigor of the middle years well into old age, and to lengthen the span of life itself.

An understanding of what food can do for us, both individually and in the development of the race, is bound to bring such respect for it that we cannot but live the knowledge that we have.

2. **Science Related to Food Preparation.** Throughout the year. Credit five hours a term. Open to freshmen and sophomores. Limited to sixty-eight students. 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 for sophomores only. Practice, second term: M W 1.40-4, one section; T Th 8-10.20, two sections; T Th 1.40-4, one section. Rooms 353, 356, and 358. Professor PFUND, Miss PERSONIUS, and Mrs. ALLEN.

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 or second term. Credit five hours. Must be preceded or accompanied by Organic Chemistry. First term: lectures, M W F 8. Room 339. Practice, T Th 1.40-4. Room 361. Second term: lectures, T Th S 11. Room 339. Practice, M W 1.40-4. Room 361. Assistant Professor FENTON.

The lectures in this course include a discussion of foods and the fundamental principles of cookery. The laboratory practice consists of a study of food preparation. The course is intended to establish a knowledge of foods and their preparation as based on the present conception of the physical and chemical reactions involved. Laboratory fee, \$18.

9a. **Food Preparation: Principles and Comparative Methods.** Second term. Credit four hours. Lectures, T Th 11. Room 339. Practice, M W 10-12.30. 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, first term: W F 8-10.20 or 10.30-12.50. Room 352. Mrs. SAYLES. Practice, second term: T Th 8-10.20 or 10.30-12.50. Room 352. Mrs. MEEK.

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. 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, first term: T Th 10.30-12.50. Room 352. Practice, second term: W F 8-10.20 or 10.30-12.50. Room 352. Assistant Professor BOYS.

This course is based on the knowledge and skills acquired in course 11. Opportunity is offered for experience in the preparation of special dishes adapted to hotel service, such as canapes, entrees, 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 1934-35.

22. **Food Selection: Dietetics, Introductory Course.** First term. Credit two hours. Should be taken the first term of the freshman year. Lecture-discussion, M W 2; T Th 9, 11, or 2. 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.

109. Food Preparation, Advanced Course. First or second term. Credit three hours. Open to juniors and seniors. Prerequisite, Foods and Nutrition 2, 9, or 9a. Lectures, M 10, Room 3 M 13. Practice, M W 1.40-4 or T Th 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 eighteen students a section. First term: section 1, M 10-1.30, W 11-1.30; section 2, W 2-4.30, F 11-2.30. Room 361. Second term: T 12-3.30, Th 12-2.30. 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. Laboratory fee, \$18.

121. Food Selection: Nutrition and Dietetics. Second term. Credit three hours. Prerequisite, Foods and Nutrition 2, 9, or 9a, and Biology 303 (Physiology). Lectures, discussions, and laboratory: section 1, W F 8, M 8-10; section 2, M F 11, W 11-1; section 3, M W 2, F 2-4. Rooms 426 and 339. 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, \$5.

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. Lectures and discussions, T Th 9, W 2. Room 426. Practice: first term, F 1.40-4, Room 356; second term, M 1.40-4, Room 358; F 1.40-4, Room 356. 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. Special emphasis is placed on the relationship between the nutritive value of food and its cost. 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 and discussion, 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 an important factor of treatment. Fee for materials, \$6.

131. Problems of Family Nutrition, with Special Emphasis on Child Feeding. Second term. Credit one or two 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, Mrs. MAUGHAN, and Mrs. HARPER.

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. Assistant Professor HAUCK.] Not given in 1934-35.

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. Foods is emphasized during the first term; nutrition, during the second term. 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. Prerequisites, a fundamental knowledge of home economics. 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**; 210, **Special Topics in Animal Nutrition and Physiology**.

HOUSEHOLD ART

Art rightly understood and applied gives new meaning to the things of everyday life. The study of household art, through creative experiment and guided observation, helps the student to realize the vital contribution that beauty in the home and the community makes toward richness of living. It also helps students to learn how to achieve that beauty.

Courses in the Department of Household Art are divided into two groups: (1) courses 1, 25, 31, 32a, and 32b are planned to give

students a foundation and overview in household art; (2) courses 6 and 16 are offered for students who wish intensive study in color and design. Students in other colleges than Home Economics may enroll in these courses on permission of the instructor.

GROUP I

1. Home Furnishing, First Course. First or second term. Credit two hours. It is recommended that this course be taken during the second half of the freshman year or during the sophomore year. First term: section 1, M W 8-10; section 2, T Th 2-4; section 3, M W 11-1. Second term: section 1, T Th 8-10; section 2, W F 2-4; section 3, T Th 11-1; section 4, W F 11-1. Room 327. Professor MORIN, and Assistant Professors D. B. SCOTT and SCIDMORE.

This course is concerned with the problems and possibilities related to furnishings for the home and develops a basis for good taste in their selection, making, and arrangement. Students are given experience in working with a wide variety of furnishings in order to develop a feeling for line and form and effective use; in dyeing materials, for appreciation of color and texture; in construction techniques, in order to gain confidence and freedom in creating small articles for the home. Laboratory fee, \$7.50.

[25. **House Planning.** Credit two hours. Prerequisite, Household Art 31. Professor MORIN.] Not given in 1934-35.

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. First term: T Th 8-10 (except in 1934-35); M W 11-1. Second term: W F 2-4; T Th 11-1. Room 408. Professor MORIN and Assistant Professor SCIDMORE.

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.

32 a. Home Furnishing, Third Course. First or second term. Credit two hours. Should be taken as soon as possible after taking Household Art 31. First term: M W 2-4 (except in 1934-35); T Th 11-1. Second term: T Th 2-4; W F 11-1. Room 408. Professor MORIN and Assistant Professor SCIDMORE.

The emphasis in this course is on problems of furnishing home, school, or community buildings, which are of special interest to individual students. Guidance on these problems is given through lecture-demonstrations, supervised and independent shopping, laboratory work done independently and in cooperation with student furnishing committees. Laboratory fee, \$7.50.

32 b. Home Furnishing, Supplementary to Course 32 a. First or second term. Credit two hours. Should be taken in the senior year. Prerequisite or parallel, Household Art 32a. Limited to sixteen students. First term: M W 8-10; T Th 8-10. Second term: W F 8-10; T Th 11-1. Room 318. Professor MORIN and Assistant Professor ERWAY.

This course supplements Household Art 32a, and is offered primarily for teachers and extension workers. Demonstration material is worked out by each student for later use in teaching. The cost of materials for the course

ranges from \$4 to \$15, depending upon the amount of material collected by individual students. Laboratory fee, \$7.50.

GROUP 2

6. Color Appreciation. First or second term. Credit two hours. Should be taken as soon after Household Art 1 as possible. T Th 11-1. Room 318. Assistant Professors ERWAY and D. B. SCOTT.

The course is concerned with a study of the art elements in objects and materials, such as textiles, pottery, glassware, paintings, printing, furniture, and architectural details. Experience in analyzing and interpreting the art value of these objects and materials is provided through the use of crayons, paints, and dyes. Estimated cost of material, \$8. Laboratory fee, \$7.50.

16. Color and Design, Intensive Course. First or second term. Credit two hours. M W 2-4. Room 318. Assistant Professor ERWAY.

This course offers intensive guidance and instruction in the application of design and color principles to smaller furnishings. The nature of the problems is determined by the needs of the students and by the possibilities for practical application that may develop. Laboratory fee, \$7.50.

35. Hotel Furnishing and Decorating. Second term. Credit two hours. Open to 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. Prerequisite, a fundamental knowledge of home economics. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

INSTITUTION MANAGEMENT

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

The Department of Institution Management offers courses to orient the student in some of the problems and technics of food administration and gives her a background of actual experience in situ-

ations 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.

100. Orientation in Institution Experience. First or second term. Credit two hours. Advised for all students majoring in institution management or dietetics who have not taken Institution Management 101. May be elected by students preparing to be teachers if sections are not filled. Should be taken in the sophomore year by students especially interested in institution management. Class limited to thirty-two students. Lecture and discussion: first and second terms, section 1, F 11-11.20; section 2, S 11-11.20. Room G 62. First term, practice: section 1, M W F 11.15-1.15, limited to sixteen students; section 2, T Th S 11.15-1.15, limited to sixteen students. Cafeteria. Second term, practice: section 1, M W F 11.15-1.15, limited to sixteen students; section 2 T Th S 11.15-1.15, limited to sixteen students. Cafeteria. Miss BURGAIN and others.

This is a beginning course in institution management planned to orient the student and to help her judge whether she has an aptitude for and interest in food administration. Opportunities in the field of institution management will be discussed, with special emphasis on cafeteria and tea-room service.

[**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. Miss BURGAIN and others.] Not given in 1934-35.

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. Second term. Credit three hours. Should be taken in the senior year. Advised for all students specializing in institution management or in dietetics. Prerequisite, Institution Management 100. Lectures and discussions, M 2, W 2-4. Room G 62. 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, \$1.

103. Personnel Management. Second term. Credit one hour. Open to seniors in institution management. Lecture and discussion, Th 9. Room 3 M 13. Acting Professor SCHUMAKER.

This course emphasizes such phases of personnel management as the relationship between mental and emotional development in the individual and his behavior and ability to perform given tasks; ways of securing maximum adjustment and cooperation; methods of rating, training, and directing employees. Fee for materials, \$2.00.

III. 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 11, 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 markets is included; approximate cost, \$10. Fee for materials, \$1.

112. Quantity Food Preparation: Principles and Methods. First or second term. Credit four hours. For juniors and seniors. Should be taken in the junior year if possible. Should not be taken with Household Management 126. Advised for all students specializing in institution management or dietetics. Prerequisite, Institution Management 100. Class limited to twenty students. Discussion, M 9. Room G 62. Practice, W F 8-12. 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. Laboratory fee, \$10.

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 sixteen students, two sections of eight each. Conference hours each week by appointment. Special catering assignments throughout the term. Laboratory, T 9-1.30, hotel-management section; W 9-1.30, institution-management section. Miss BURGOIN and others.

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 three hours. Required of students in hotel administration. Registration limited to eighteen students. Prerequisite, Foods and Nutrition 12. Practice, T Th 8-12. Cafeteria. Professor HARRIS and Miss BURGOIN.

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. Laboratory fee, \$10.

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. Prerequisites, a fundamental knowledge of home economics. Directed by a member of the department concerned with the special problem selected.

Fee determined by the problem.

HOTEL ACCOUNTING

85. Tea Room and Cafeteria Accounting. First or second term. Credit two hours. For institution-management students only. Lecture, T 8. Room 3 M 13. Practice, F 1.40-40. 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, \$2.

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, \$2.

TEXTILES AND CLOTHING

The Department of Textiles and Clothing helps students to study clothing from the standpoint of health, comfort, and economy, to understand its contribution to social and professional success, to enjoy it as an expression of beauty, and to use it for creative self-expression.

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. These courses should 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 55 and 120 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. Mainly for freshmen. Sophomores may receive credit for the course; upperclassmen may take the course but will not receive credit. First term: M W 8-10, Room 217; T Th 9-11, Room 215; T Th 2-4, Room 217; W F 11-1, Room 215. Second term: T Th 11-1, Room 217. Miss HUMPHREY and participating upperclass student leaders.

This is an orientation course in clothing selection. Dress selection is studied from the standpoint of becomingness, suitability, and economy. An analysis is made of fashion sketches and of fabrics, and the garments of individual students. Opportunity is given for experimentation with line, color, and texture, and the effects created by them, and for the restyling of garments in the student's wardrobe. The hygiene of clothing and good grooming is considered. A study is made of the beauty and probable durability of modern dress fabrics. Estimated cost of materials, \$3. Laboratory fee, \$5.

5. Clothing Construction. First or second term. Credit three hours. Should be taken in the second term of the freshman year or the first term of the sophomore year. Prerequisite, Textiles and Clothing 3 or its equivalent. First term: practice, M W F 8-10, or T Th S 8-10, Room 216; M W F 2-4, Room 217. Second term: practice, M W F 8-10, Room 216; M W F 10-11.50, two sections, Rooms 216 and 217; or M W F 2-4, Room 216. Mrs. BETTEN and Miss HUMPHREY.

This course emphasizes the selection and constructive processes in making clothes. Each garment constructed 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; in the use of the sewing machine; and in hand and machine sewing suitable to the garments constructed. A muslin lining is fitted to each student, and a dress form is padded for use in this and other courses. 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 term. Credit two hours. Practice, M W 2-4. Room 216. Mrs. BETTEN.

This is a practical course 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 term. Credit two hours. Prerequisite, Textiles and Clothing 3 and 5 or the equivalent. Practice, W F 11-12.50. Room 217. Assistant Professor R. J. 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. Should be taken in the sophomore year or the first term of the junior year. Prerequisite, Textiles and Clothing 3 and 5, and Household Art 1. First term: lecture, F 9, two sections, Rooms 215 and 217; practice, T Th 8-10, Room 217; T Th 2-4, Room 215. Second term, lecture, F 9, two sections, Rooms 215 and 217; practice, M W 8-10, Room 215; T Th 8-10, Room 217. Assistant Professors BRASIE and R. J. SCOTT, and Miss HUMPHREY.

This course includes costume designing and modeling on the dress form. Various methods of designing are presented. Opportunity for as much experimentation as possible is provided in order to develop creativeness. Experience is given in judging, comparing, and evaluating designs and color schemes in relation to individual needs. Estimated cost of materials, \$10. Laboratory fee, \$5.

51. **Hotel Textiles.** First or second term. Credit two hours. For hotel administration students. For sophomores, juniors, and seniors. Lecture, T 8; practice, Th 2-4, Room 213. 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 opinions of hotel housekeepers concerning practical phases of fabric selection. Labels, slogans, and other methods of advertising textiles are interpreted and evaluated. Estimated cost of materials, \$1. Laboratory fee, \$7.50.

55. **Problems in Purchasing Household Textiles.** First or second term. Credit two hours. Should be taken in the junior or senior year. Prerequisite, Textiles and Clothing 5 or its equivalent. Lecture, T 11; practice, Th 11-12.50. Room 213. Professor BLACKMORE.

This course is offered for students interested in the present-day problems of purchasing household textiles. Concrete examples of buying practices are studied. Technical information necessary for efficient buying is considered. Labels, slogans, and other methods of advertising textiles are interpreted and evaluated. Estimated cost of materials, \$1. Laboratory fee, \$5.

103. **Clothing Problems and Shop Practice.** First or second term. Credit three hours. Should be taken by juniors. Prerequisite, Textiles and Clothing 3, 5, and 15, and Household Art 1. First term: lecture, F 2, Room 217; practice, M W 8-10, Room 215, M W 2-4, Room 215. Second term: lecture, F 2; practice, M W 2-4, Room 215. Assistant Professors BRASIE and R. J. SCOTT, Mrs. McILROY, and Miss BROOKINS.

This course provides an opportunity to gain a perspective on the whole subject of clothing selection for the individual as it has been developed in previous courses. It considers also other phases of clothing problems, such as the clothing needs of different groups of people; emergency and educational relief work; consumer responsibility in relation to conditions in textile industry; ethics of shopping; the available market offerings; merchandising methods that affect the consumer, such as advertising, sales, standardization, and labeling. A remodeling problem and the making of a dress for a high-school girl are required of all students. Students provide all materials except those used for garments for high-school students, subject to the approval of the instructors. One laboratory period each week is spent in the Costume Shop working on technical

problems with students from Course 115. 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. Prerequisite, Textiles and Clothing 3, 5, 15, and 103, and Household Art 1. 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 carries the responsibility for her special piece of work. She gains some technic in meeting customers in a business-like and pleasing manner; she helps in the selection of materials and styles which are in keeping with the customer's type and preferences; and fits the garment under the instructor's supervision.

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. Prerequisite, Textiles and Clothing 103; prerequisite or parallel, Rural Education 135. Practice, T Th 9, Room 215. Assistant Professor BRASIE and other members of the Textiles and Clothing staff.

This course includes the selection, evaluation, and organization of textiles-and-clothing subject matter from the point of view of the teacher of home-making. It deals with the various aspects of clothing, economics, art, hygiene, ethics, and construction. Available sources of illustrative material and the literature dealing with clothing are studied. Materials for use in teaching are prepared. Students are given opportunity to work on special problems. Class materials are provided by students subject to the approval of the instructor. 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. Prerequisite, a fundamental knowledge of home economics. 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 117. Rooms for group meetings to be assigned. Second term, T Th 10, Room 117. Acting Professor SCHUMAKER, members of the staff, 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 41, is a part of the orientation course. Fee, \$3.

An additional hour of credit will be added for students enrolled in orientation who wish help on units of work which are not of sufficient concern to the majority of freshmen to warrant being made a regular part of the course. Hours and place of group meetings to be arranged. Fee to be determined by the work undertaken. Acting Professor SCHUMAKER and the freshman faculty.

20. **Guidance in Human Relationships.** First term. Credit one hour. For sophomores and students with advanced standing. To be taken on the recommendation of the instructor. Lectures, discussions, and personal conferences. T 10. Room 114. Acting Professor SCHUMAKER.

Fee \$2.

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.

Fee, \$2.

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 home-economics courses. Lectures and discussions, T Th 12. 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 home-economics courses. 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.

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 to students 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.

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 home-economics courses, but also others which are especially valuable for the contribution they make to certain vocational fields in home economics.

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

AGRICULTURAL ENGINEERING

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.

ANIMAL HUSBANDRY

92. **Animal Husbandry: Meat and Meat Products.** First or second term. Registration limited to fifteen students. Credit one hour. Laboratory and lecture period, Th 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. 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 or 11-12.50. Dairy 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, Mr. WOODRUFF, 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 Amphitheater. 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, Dr. HAND, and Mr. HOWELL.

314 a. **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, Dr. HAND, and Mr. 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, T Th 9 or 11. Plant Science 233. Laboratory, one period of

two and one-half hours. Plant Science 240, 242, and 262. Professor PETRY, Mr. LAUBENGAYER, and Dr. THARP, Messrs. SCHAPPELLE, SNELL, PALMQUIST, 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 F 1.40-4 or S 8-10.20. McGraw 2. Professor REED, Dr. MEKEEL, 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. Room 150. Professor BROWNE, Assistant Professor LAUBENGAYER, and assistants.

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. AVENS and assistants.

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. Assistant Professor NICHOLS, Dr. MORSE, and assistants.

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. Laboratory, M or T 1.40-4. Baker 250. Dr. CONNOR and assistants.

ECONOMICS AND SOCIAL SCIENCE

1. **Economics: Modern Economic Society.** First or second term. Credit five hours. 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. Assignment to sections are made on registration days at Goldwin Smith 260.

2a. **Economics: Modern Economic Society.** First term. Credit three hours. 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. Assistant Professor WOODWARD.] Not given in 1934-35.

50b. **Economics: Introduction to Social Science.** First term. Credit three hours. T Th S 9. Goldwin Smith C. Assistant Professor WOODWARD.

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

Fee for text materials furnished, \$1.50.

54. **Economics: The Family.** First term. Credit three hours. Prerequisite, Economics 50b. 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: Introduction to 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 225. Assistant Professor ANDERSON.

Fee for materials, \$1.

12. **Rural School 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. Mr. BEERS.

Fee for materials, \$1.

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. Assistant Professor POLSON.

121. **Rural Social Organization: The Family.** First or second term. (*Second term only in 1934-35.*) Credit three or four 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. Credit for four hours may be elected only by juniors and seniors with above-average grades. Lectures, discussions, and reports. T Th S 8. Agricultural Economics Building 340. Professor SANDERSON.

Those who register for four hours will engage in intensive studies of special topics as members of groups. One hour a week, time to be arranged.

Fee for materials, \$1.

(Note: Economics 54 may be elected with the permission of the instructor.)

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 POLSON.

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 ANDERSON.

131. **Rural Social Organization: The Social Psychology of Rural Life.** Second term. Credit three hours. Prerequisite, course 1 and one course in psychology. T Th S 11. Agricultural Economics Building 340. Mr. BEERS.

EDUCATION

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

2. **Education: Principles of Secondary Education.** Second term. Credit three hours. Prerequisite, course 1 or its equivalent. Students must report to Goldwin Smith 246 for assignment to sections. Section 1, M W F 2. Professor JORDAN. Section 2, T Th S 9. Goldwin Smith 234. Assistant Professor FREEMAN.

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. Acting Professor LEWIN.

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 9. Goldwin Smith 225. Assistant 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 142. Mr. HULSE.

17. **Education: Mental Development.** First term. Credit two hours. Prerequisite, course 1 or the equivalent. Given in alternate years. T 4-6. Goldwin Smith 248. Acting Professor LEWIN.

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. Open to students above the freshman year. 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. M W F 9 or 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, East Roberts 222; second term, Caldwell 143. Professor KRUSE.

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. East Roberts 222. 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.

135. **Rural Education: The Teaching of Home Economics in the Secondary School.** First or second term. Credit three hours. Prerequisite, course 111 or its equivalent. Required of juniors preparing to teach home economics. Lectures, T Th 10. Laboratory, T or Th 1.40-4. Stone 102. Professor BINZEL and _____.

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 two or four hours. Prerequisite, course 135. Students planning to take this course should arrange with the department during the junior year. General conferences, S 8-10. Stone 203. Professor BINZEL and Miss HASTIE.

This course is designed to give students opportunity for observation and teaching under the guidance of the department. A week-end trip for the purpose of studying equipment is a part of the course. Laboratory fee, \$10.

137. **Rural Education: Extra-instructional Problems.** Second term. Credit two hours. Primarily for prospective teachers of science and 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. Agricultural Economics Building 125. Section 2, M W F 9. Stone 203. 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. Th 4.15-6. Stone 309. Professor KRUSE.

[218. **Rural Education: Seminary in Educational Psychology.** Second term. Credit two hours. Professor KRUSE.] Not given in 1934-35.

[219. **Rural Education: Seminary in Personnel Administration.** Second term. Credit two hours. Open to qualified seniors and graduates. Assistant Professor WINSOR.] Not given in 1934-35.

228. **Rural Education: Seminary in Behavior and Guidance.** Second term. Credit two hours. For graduate students who have had work in child guidance. F 4-6. Nursery School. Professor WARING.

[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 1934-35.

249. **Rural Education: Seminary 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 1934-35.

The course includes directed observation of and participation in supervision.

ENGLISH

1. **English: 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, 11. Rooms to be announced. Messrs. BALDWIN, ADAMS, BISSELL, COPELAND, GIDDINGS, HARRIS, MULLER, AND MYERS.

Open to underclassmen who have satisfied the entrance requirements in English. Students who have not taken the course in the first term may enter in the second term.

A study of composition in connection with the reading of representative works in English literature.

Students who elect English I must apply on Monday, Tuesday, or Wednesday of registration week for assignment to sections. Registration in the course is in charge of Mr. Baldwin.

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 75 or better. Planned primarily for persons who expect to engage in extension activities in home economics and agriculture. T Th S 10. Fernow 210. Professor ADAMS.

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

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: Professor SMILEY, Assistant Professors GOULD, SHOW-ACRE, and YORK, and Doctors ROBINSON and HAWKINS.

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: Professor SMILEY, Assistant Professors GOULD, SHOW-ACRE, and YORK, and Doctors ROBINSON and HAWKINS.

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. T Th 12. Histology Lecture Room, Stimson. Assistant Professor GOULD.

A practical course of lectures and demonstrations designed to familiarize the student with the facts and methods necessary 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 instructor 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.

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

[7. **Hygiene: Rural Hygiene.** Second term. Credit one hour. Prerequisites, Hygiene 1 and 2. Professor SMILEY.] Not given in 1934-35.

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. Assistant Professor EVANS.

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 undergraduate students are required to present themselves to the Medical Advisers and receive a thorough physical examination once a year. Appointments for this examination must be made during the regular registration days of the first term by all new students and by sophomores with names beginning with letters A to M inclusive; and in the second term by sophomores with names beginning with letters N to Z inclusive, and all juniors and seniors.

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, 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, RYAN, and THORIN.

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

PHYSICS

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

A first course in physics. Open only to students in the Colleges of Agriculture and Home Economics.

Properties of matter, sound, and light.

4. **Physics: Introductory.** Second term. Credit three hours. A continuation of course 3. Should be preceded by course 3 or by entrance physics. Electricity, magnetism, and heat.

7-8. **Physics: Introductory Experimental.** Lectures, W F 11. Rockefeller A. Laboratory, as in courses 3 and 4. (See announcement of the College of Arts and Sciences).

This course parallels courses 3 and 4. It is recommended that students of Home Economics elect these courses only in case they have offered physics for entrance.

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. Assistant Professor JENKINS. Lectures, second term: M W 12. Assistant Professor JENKINS. 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.

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 required and elective courses totaling 120 credit hours for the four-years work. In addition, Physical Education for Women (page 28) is required by the University of all women students. In general, the requirements provide that about one-third of these hours be devoted to basic courses—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. It is expected that a large proportion of the free electives will be drawn from courses offered by the College of Home Economics, since students cannot otherwise acquire in the four-years period the training needed for many of the vocational outlets in the field of home economics.

	<i>Hours</i>
Basic group of courses required by the College of Home Economics:	
English	6
*Biology, Botany, or Zoology.....	6
†Chemistry	6
‡Physics, or Agricultural Engineering 10	6 or 3
Human Physiology	3
Economics	5
Psychology (Rural Education 110, 111, Psychology 1).....	3
Sociology (Rural Social Organization 1, 12, 121, Introduction to Social Science 50 a).....	3
Required of all University students:	
Hygiene 1 and 2	2
Hygiene and Preventive Medicine (physical examination, page 28)	—
Physical Education (page 28).....	—
	40, 37, or 34
Home Economics minimum required hours (including any of the courses listed in this announcement on pages 5 to 21).....	40
Electives (either in Home Economics or in any other college in the University)	24
Electives (in Home Economics, Agriculture, and Veterinary Medicine)	16, 19, or 22
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 twenty-four-hour free elective group. Courses may be taken outside the state colleges beyond this limit upon payment of \$12.50 per student credit hour.

*Biology is more closely related to the field of Home Economics than is Botany or Zoology.

†This requirement is covered if Foods 2 is taken.

‡Not required if Physics is offered for entrance.

COURSES OF STUDY

The requirements for the degree of bachelor of science are described on page 30. These requirements have been determined upon in order to provide opportunity for students to gain a broad educational background and at the same time to prepare for some definite vocation. Experience has shown that to accomplish this two-fold purpose certain selections and sequences of courses are more advantageous than others. Suggested arrangements for four-year programs, therefore, are given on pages 34 to 37. One of these is planned for students not wishing to specialize; others, for students who wish to prepare for certain home-economics vocations. These programs are tentative only, and may be changed to meet more exactly individual needs and interests. They all include the requirements as listed on page 30.

The same course of study is advised for all freshmen, and even the sophomore program suggests but little specialization. There are several reasons for not specializing until the junior and senior years. The wide knowledge and experience needed by all students is likely to be sacrificed if vocational training is started on entering college; vocational success is dependent on breadth of training as well as on intensive specialization; and, finally, vocational interests may change as students gain wider understanding of home economics and the opportunities which it offers. 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 preparation for vocational work.

For students who plan to specialize in one of the indicated fields, the following suggestions are given:

Vocational Home Economics Teaching. In the majority of school systems home-economics instructors 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 III, or I12, or Education I	3
Principles of Education: Rural Education 18I	3
Methods, Observation, Teaching, and Extra-instructional Problems	9

These are integrated units of work involving the following courses:

	<i>Hours</i>
The teaching of home economics in the secondary school: Rural Education 135	3
Directed teaching of home economics in the secondary school: Rural Education 136	4
Extra-instructional problems: Rural Education 137	2
• 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

Except for requirements of the State Department of Education, there are no specific course requirements for certification for teachers of home economics. However, the state department examines the college record of each candidate to determine whether certain subject-matter content has been included. The courses suggested for vocational home-economics teachers (pages 35 to 37) meet this subject-matter requirement of the State Department of Education.

Students who expect to teach are asked to consult the professor in charge of home-economics education before they register in 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 to success in the teaching profession.

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 certain additional courses as indicated (pages 35 to 37). To obtain a position, teaching experience of home economics is necessary.

Dietetics, Managerial. The course of study is suggested for those who intend to become hospital dietitians, administrators in cafeterias, tea rooms, dormitories, and other enterprises concerned with group feeding.

Textiles and Clothing. Students who specialize in textiles and clothing are asked to consult the head of the Department of Textiles and Clothing to learn of vocational opportunities in this field.

Social Work. The suggested course of study provides a foundation in home economics and the social sciences for the positions of assistant-in-training in social work or for professional training in graduate schools of social work. Students who wish to prepare for social-service or social-welfare work should consult the head of the Department of Rural Social Organization.

Child Development. Four years of study in home economics provides an excellent background for specialized study in child development. Courses in Family Life receive credit in institutions devoted to the training of nursery school and kindergarten teachers. Such training usually requires a year of graduate work before the student is qualified for a position in this field.

Affiliation with 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 College, who will transmit them to the committee on appointment to the Merrill-Palmer School. Students selected may receive credit for one term's residence at Cornell and for the following courses when equivalent work is done in the Merrill-Palmer School: Foods and Nutrition 131, Family Life 101, Family Life 107, Household Management 126, and electives not to exceed five hours.

Home Economics, and Nursing. Through an affiliation between the *New York Hospital School of Nursing* and the College of Home Economics it is possible for students interested in nursing as well as in home economics to take a course divided between these two institutions and requiring for completion from five to five and one-half years. Approximately two and one-half years should be spent at Cornell, and three at the School of Nursing. At the end of this period students taking this course will receive the degree of bachelor of science from Cornell and a nurse's diploma from the New York Hospital School of Nursing.

Students may start the course at either institution. However, in order to receive the degree of bachelor of science it is necessary to spend the final year at Cornell. Students who begin at the College of Home Economics should spend the first year at Cornell; this period to be followed by thirty-four months at the School of Nursing, with the final year and one-half at Cornell. Students going to the School of Nursing first should finish the nurse's course before coming to Cornell. Students who have received the nurse's diploma from the School of Nursing will be credited with not less than 45 hours, or one and one-half years, of college credit toward the degree of bachelor of science.

During their work at the two institutions students must meet the requirements of the College of Home Economics as listed on page 30 of the College announcement. The basic required courses and the home-economics requirements (page 30) will be taken mainly at Cornell. Courses taken at the School of Nursing will be credited for the most part in the elective group. Suggested arrangements of courses for those students who come first to Cornell may be obtained from advisers or from the Secretary of the College.

In order to be accepted by the College of Home Economics from the New York Hospital School of Nursing, applicants must present a high record of work both in high school and at the New York Hospital besides fulfilling the college-entrance requirements (page 38).

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.

PROGRAM SUGGESTIONS

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 individual ability.

Freshman Year

FOR ALL FRESHMEN

<i>Courses:</i>	<i>Hours</i>
Orientation	3 or 4
English I	6
Hygiene 1	1
Hygiene 2	1
Biology I, Botany I, or Zoology I (may be taken in sophomore year)	6
*Chemistry 101 and 105	6
or	
*Foods and Nutrition 2 (may be taken in sophomore year)	6 or 10
Foods and Nutrition 22	2
Textiles and Clothing 3	2
Textiles and Clothing 5	3
Household Art 1	2
Family Life 100	2

ADDITIONAL COURSES FOR FRESHMEN

<i>Courses:</i>	<i>Hours</i>
Economics of the Household 10	2
Special Problems 110	2
†Rural Social Organization 1 or 12 (or later)	3

*For students admitted to the course, Foods and Nutrition 2 may be substituted for Inorganic Chemistry 101 and 105, Organic Chemistry 365, and Foods and Nutrition 9.

†With the permission of the department of Rural Social Organization.

Sophomore Year

FOR ALL SOPHOMORES		ADDITIONAL COURSES FOR SOPHOMORES NOT SPECIALIZING	
<i>Courses:</i>	<i>Hours</i>	<i>Courses:</i>	<i>Hours</i>
Biology 303 (Physiology).....	3	Textiles and Clothing 15.....	3
*Physics 3 and 4 or Agricultural Engineering 10	6 or 3	Household Art 31.....	2
†Foods and Nutrition 9 (if Or- ganic Chemistry is taken)....	5 or	Economics of the Household 110	2
or		Rural Education 110 or Psy- chology 1.....	3
†Foods and Nutrition 9a (if Or- ganic Chemistry is not taken)	4		
Economics of the Household 26	2		
Economics of the Household 130 (or later)	2		
Economics 1 (or later).....	5 or 6		
Rural Social Organization 1 or 12	3		
Student Guidance 20 (or later)	1		

The following additional courses are suggested for sophomores preparing for work in the fields indicated:

VOCATIONAL HOME ECONOMICS TEACHING AND EXTENSION TEACHING		DIETETICS, MANAGERIAL	
<i>Courses:</i>	<i>Hours</i>	<i>Courses:</i>	<i>Hours</i>
Textiles and Clothing 15.....	3	Organic Chemistry 365 (if hos- pital managerial).....	3
Household Art 31.....	2	Biochemistry 314 (or later)....	3
Economics of the Household 110 (or later).....	2	Biochemistry 314a—if hospital managerial (or later).....	2
Rural Social Organization 121 (if working toward extension teaching)	4	Chemistry 210 (if hospital man- agerial)	3
		Chemistry 225 (if hospital man- agerial)	3
		Bacteriology 4.....	3
		Institution Management 100....	2
TEXTILES AND CLOTHING		SOCIAL WORK	
<i>Courses:</i>	<i>Hours</i>	<i>Courses:</i>	<i>Hours</i>
Textiles and Clothing 15.....	3	Economics of the Household 110	2
Household Art 6.....	2	Rural Social Organization 121..	4
Household Art 31.....	2	Rural Social Organization 122..	3

*Not required if Physics is offered for entrance.

†Foods and Nutrition 9 and 9a should not, and Organic Chemistry need not, be taken by students who take Foods and Nutrition 2. See footnote at bottom of page 34.

Junior Year

FOR JUNIORS NOT SPECIALIZING

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 121 (or later).....	3
Family Life 101.....	3
Rural Education 112.....	3
Rural Education 117.....	3
Electives in Home Economics	
Electives in History, Sociology, Psychology, Economics, Government, Philosophy, Languages and Literature, Art, or Music	

The following courses are suggested for juniors preparing for work in the fields indicated:

VOCATIONAL HOME ECONOMICS TEACHING AND EXTENSION TEACHING

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 121 (or later)	3
Foods and Nutrition 111.....	3
Textiles and Clothing 103.....	3
Family Life 101 (or later).....	3
Family Life 126 (or later)	3
Rural Education 111 or 112, or Education 1.....	3
Rural Education 117.....	3
Rural Education 135.....	3
Rural Education 181 or Education 2.....	3
Extension Teaching 101 (if working toward Extension Teaching)	2
Electives	

TEXTILES AND CLOTHING

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 121 (or later)	3
Textiles and Clothing 103.....	3
Household Art 6.....	2
Household Art 16.....	2
Educational Psychology.....	3
Electives	

DIETETICS, MANAGERIAL

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 122.....	4
Institution Management 111....	3
Institution Management 112 (or later)	4
Hotel Accounting 85.....	2
Electives	

SOCIAL WORK

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 121 (or later)	3
Family Life 101.....	3
Family Life 126 (or later).....	3
Rural Education 111.....	3
Rural Education 117.....	3
Rural Social Organization 12... 3	
*Rural Social Organization 123 (or later)	3
Philosophy or Ethics.....	
Electives	

*Field work with approved social agencies, during the summer before the junior or senior year, may be substituted for this course, but without University credit.

Senior Year

FOR SENIORS NOT SPECIALIZING

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 131	2
Economics of the Household 126	4
Economics of the Household 145	2
Electives in Home Economics	
Electives in History, Sociology, Psychology, Economics, Government, Philosophy, Languages and Literature, Art, or Music	

The following courses are suggested for seniors preparing for work in the fields indicated:

VOCATIONAL HOME ECONOMICS
TEACHING AND EXTENSION
TEACHING

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 131.....	2
Textiles and Clothing 115.....	3
Household Art 32a.....	2
Household Art 32b.....	2
Economics of the Household 126	4
Economics of the Household 145	2
Rural Education 136.....	3 or 4
Rural Education 137.....	2
Extension Teaching 15 (if work- ing toward Extension Teach- ing)	3
Electives	

TEXTILES AND CLOTHING

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 131.....	1
Textiles and Clothing 10.....	2
Textiles and Clothing 55.....	2
Textiles and Clothing 115.....	3 or 5
Economics of the Household 126	4
Electives	

DIETETICS, MANAGERIAL

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 109.....	3
Foods and Nutrition 124 (if hos- pital managerial).....	2
Foods and Nutrition 131.....	2
Economics of the Household 126	4
Institution Management 102....	3
Institution Management 103....	1
Electives	

SOCIAL WORK

<i>Courses:</i>	<i>Hours</i>
Foods and Nutrition 131	2
Textiles and Clothing 10.....	2
Economics of the Household 126	4
Economics of the Household 145	2
Family Life 107.....	3
Education 7.....	3
Rural Social Organization 131..	3
Electives	

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 home-economics courses 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). The arrangement of the schedule in college will be facilitated if physics is offered for admission.

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. An applicant entering on this diploma who does not present three units of foreign language, or two units in each of two languages, must elect an equivalent amount of work in the University in one or more of the following subjects: foreign language, English, mathematics, philosophy, psychology, history, economics, political and social science.

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	(3)	8a. Ancient History.....	($\frac{1}{2}$ -1)
2a. First Year Greek.....	(1)	8b. Modern History.....	($\frac{1}{2}$ -1)
2b. Second Year Greek.....	(1)	8c. English History.....	($\frac{1}{2}$ -1)
2c. Third Year Greek.....	(1)	8d. American History, Civics	($\frac{1}{2}$ -1)
3a. First Year Latin.....	(1)	9a. Elementary Algebra....	(1)
3b. Second Year Latin.....	(1)	9b. Intermediate Algebra....	(1)
3c. Third Year Latin.....	(1)	9c. Advanced Algebra.....	($\frac{1}{2}$)
3d. Fourth Year Latin.....	(1)	9d. Plane Geometry.....	(1)
4a. First Year German.....	(1)	9e. Solid Geometry.....	($\frac{1}{2}$)
4b. Second Year German.....	(1)	9f. Plane Trigonometry....	($\frac{1}{2}$)
4c. Third Year German.....	(1)	10. Physics	(1)
4d. Fourth Year German.....	(1)	11. Chemistry	(1)
5a. First Year French.....	(1)	12. Physical Geography....	($\frac{1}{2}$ -1)
5b. Second Year French.....	(1)	13. Biology*	(1)
5c. Third Year French.....	(1)	14. Botany*	($\frac{1}{2}$ -1)
5d. Fourth Year French.....	(1)	14a. Zoology*	($\frac{1}{2}$ -1)
6a. First Year Spanish.....	(1)	15. Bookkeeping†	($\frac{1}{2}$ -1)
6b. Second Year Spanish.....	(1)	16. Agriculture, Home Eco-	
6c. Third Year Spanish.....	(1)	nomics†	($\frac{1}{2}$ -4)
6d. Fourth Year Spanish.....	(1)	17. Drawing	($\frac{1}{2}$ -1)
7a. First Year Italian.....	(1)	18. Manual Training.....	($\frac{1}{2}$ -1)
7b. Second Year Italian.....	(1)	19. Any high school subject or	
7c. Third Year Italian.....	(1)	subjects not already used	($\frac{1}{2}$ -2)

*If an applicant has counted Biology (1), he may not also offer Botany ($\frac{1}{2}$) or Zoology ($\frac{1}{2}$).

†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 he is to be admitted in February.

If the candidate matriculates, the deposit will be credited to his account, \$10 for the matriculation fee and \$15 as a guaranty fund, which every undergraduate student is required to maintain and which is to be refunded upon his 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 he is to be admitted in September, or not later than January 1 if he 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 his application at the Office of Admissions either a certificate of good moral character or, if he 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

Because of lack of facilities, it has become 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 may 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 15 is set as the last day upon which formal application for admission in September may be filed and the last day upon which the \$25 deposit may be accepted.

FRESHMAN WEEK-END

Freshman students accepted for admission to the College of Home Economics in 1934 must report at the College on Thursday, September 20, at 5 p. m., and be present during freshman week-end. This arrangement is required in order that freshmen may become somewhat 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.

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 he intends to offer in satisfaction of the entrance requirements, and on what other entrance subjects he wishes to be examined for credit. In case he fails to satisfy the entrance requirements in any one or more of the units on which he proposed to enter, but passes the credit examination in any other subject or subjects, he may use the latter toward satisfying entrance requirements, but in that case he cannot also receive college credit for it. The college credit examinations will be held September 17 to 21, 1934, 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 his records entitle him, 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, he must have completed the prescribed subjects in the four-years course and the requisite number of elective hours in home-economics subjects. He must also have been in residence in the College of Home Economics for his 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 \$515. 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 Economics of the Household 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 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 he 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 Agriculture and Home Economics		\$60

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 30) 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 his 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 his fees and other indebtedness within the prescribed period of grace, is thereby dropped from the University unless the Treasurer has granted him 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 39.

A health and infirmary fee of \$6 a term is required, at the beginning of each term, of every student. For a statement of the privileges given in return for this fee, see the *General Information Number*, page 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 is required, at the beginning of each term, of every undergraduate man and woman. It is \$2 a term for men students and \$1 a term for women students. 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 his registration of studies after the date set by his 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 his 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 42)	_____
Room and board in dormitory* (see page 42).....	\$515.00
Infirmary fee	12.00
Willard Straight membership.....	10.00
Women's Self-Government Association.....	3.50
Books, course fees, and materials (estimated minimum) ..	50.00
Physical-recreation fee	2.00

Total without tuition.....\$592.50

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

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

PERSONAL*

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

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	6	7.50.....	\$ 8.00
110	2.00	16	7.50	
126	30.00	25	7.50	
130	2.50	31	7.50	
145	2.50	32a	7.50	
160	2.50	32b	7.50	
		35	7.50	
FAMILY LIFE		INSTITUTION MANAGEMENT		
<i>Course:</i>	<i>Fee</i>	<i>Course:</i>	<i>Fee</i>	
100	\$ 5.00	85	\$ 2.00	
100a	5.00	87	2.00	
101	7.50	102	1.00	
107	7.50	103	2.00	
126	3.00	111	1.00.....	\$10.00
200	5.00	112	10.00	
205	7.50	113	8.00	
215	7.50	115	10.00	
220	3.00	TEXTILES AND CLOTHING		
		<i>Course:</i>	<i>Fee</i>	
		3	\$ 5.00.....	\$ 3.00
		5	5.00.....	15.00 to 25.00
		8	5.00.....	15.00 to 25.00
		10	3.00.....	5.00
		15	5.00.....	10.00
		51	7.50.....	1.00
		55	5.00.....	1.00
		103	5.00.....	15.00
		115 (each credit hour)	1.00	
		120	3.00.....	5.00
FOODS AND NUTRITION		STUDENT GUIDANCE		
<i>Course:</i>	<i>Fee</i>	<i>Course:</i>	<i>Fee</i>	
2 (each term)	\$18.00	1	\$ 5.00.....	\$ 3.00
9	18.00	20	2.00	
9a	18.00	30	2.00	
11	18.00	35	3.00	
12	20.00	100	3.00	
22	2.00			
109	18.00			
111	18.00			
121	5.00			
122	9.00			
124	6.00			
131 (each credit hour)	8.00			
224	5.00			
229	5.00 to 25.00			
230	1.00			

*To be estimated by the individual.

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.

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 \$515.

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 scholar-

ships 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 \$600 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.

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 become 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.

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. Applications 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.

THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship of \$100 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.

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.

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 \$200 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. W. Cummings, 15 Woodlawn Avenue, Albany, New York.

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.

NEW ROCHELLE CHAPTER, DAUGHTERS OF THE AMERICAN
REVOLUTION, INDIAN SCHOLARSHIP

The New Rochelle Chapter, Daughters of the American Revolution, has created a four-years scholarship in the College of Home Economics for a New York Indian student. This scholarship has an annual value of about \$500. Application for this scholarship must be filed at the office of the Director before February 1.

THE ANNA CORA SMITH FELLOWSHIP

A research fellowship of \$500 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.

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.

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