College of Home Economics

Lura M. Odiand, Dean
Grayce E. Goertz, Associate Dean
Virginia S. Anagnost, Assistant Dean
Jo Lynn Cunningham, Assistant Dean

Home Economics is an integral part of The University of Tennessee's academic program in its three major functions of teaching, research, and extended services. The College ranks among the top five colleges of Home Economics in the nation in enrollment and first in the number of Master's degrees granted. Much of the qualitative and quantitative growth of the College is due to its highly qualified faculty and staff who, being aware of the current community problems and needs, have made its programs relevant to the goals and aspirations of today's students.

Today's students are seeking professional positions in which they can better serve people — individuals, families, consumers — to help them predict and solve problems arising from the increasingly rapid changes occurring in the society in which we live. The basis of the College's professional programs is to prepare young men and women to serve the needs of people in their many varied environments and different stages of life.

The philosophy of the College might best be stated as follows: Home Economics, while it does seek knowledge which describes and analyzes, is not content with only studying "what is," but also is concerned with promoting "what can and should be" in order to enhance the quality of life and well-being of people and societies.

The College's mission is twofold: its graduate programs are geared toward research producing alternative solutions to technical and social problems which are and will be encountered by the people who are to be served; its undergraduate programs prepare students to work with people in a professional capacity and to direct them to the needed information so that they may make use of what has been learned in serving as professional agents of change.

The University of Tennessee pioneered as one of the first institutions of higher education in the South to offer Home Economics and has continued to hold a position of leadership. The first class was taught in 1897.

The faculty of the College numbers 60 full-time teaching and research staff. There are five departments with curricula leading to the Bachelor of Science degree: Child and Family Studies; Crafts, Interior Design, and Housing; Food Science, Nutrition, and Food Systems Administration; and Textiles and Clothing. The undergraduate program in Home Economics Education is offered in cooperation with the College of Education and the Home Economics Extension Education program is offered in cooperation with The Institute of Agriculture. Approximately 350 courses are offered in these departments. The graduate programs leading to the Master of Science degree were begun in the summer of 1925. Programs for the Doctor of Philosophy degree were initiated in 1960. The Doctor of Philosophy degree program in Home Economics now includes three options: Interdisciplinary, Food Science, Nutrition. Food Systems Administration may be taken as a concentration in the Food Science doctoral option.

Special Resources

Several special programs enhance the offerings of the College:

Selected Students have the opportunity to study for one quarter at the Merrill-Palmer Institute for Human Development and Family Life in Detroit, Michigan or at the Child Development Center of the Center for Health Sciences in Memphis. Credits earned may be applied toward a Bachelor of Science degree in most curricula of the College.

Model Research Programs for infant care and preschool day care and nursery school provide Home Economics students the opportunity to train for careers as directors of, and teachers in child day care facilities. The need for appropriate child day care facilities staffed with well-trained, competent staff is recognized as one of the most urgent problems of today's urban society. Opportunities for Home Economics graduates with special interest in preschool programs are numerous and continue to increase.

Each Summer the Craft Workshop in Gatlinburg, Tennessee, is made possible through cooperative efforts between the Crafts, Interior Design, and Housing Department and the Pi Beta Phi Arrowmont School of Crafts. In addition to providing advanced instruction in designer-created crafts through classes taught by nationally known craftsmen, this workshop has been expanded to a full-fledged program serving as a training center for artists and craftsmen from throughout the United States. Also, cooperation with national and local craft organizations has so stimulated the work of craftsmen throughout the area that their work has gained national recognition.

The U.S. Department of Agriculture Textiles and Clothing Research Laboratory is a part of the Southern Region Mid-Atlantic Area and was located at the University of Tennessee in 1967. Textiles and Clothing researchers collaborate with the U.S.D.A. staff to conduct investigations that will (1) determine consumer needs for textiles and clothing and the adequacy of products.
available to meet these needs, (2) develop basic principles to guide consumers in selection and care for textiles and clothing, and (3) solve other economic and technical problems pertaining to the field. Graduate students in this area may be trained at the laboratory.

**International Study Tours** in several areas of Home Economics are offered when a demand is indicated. The course "Home Economics 4910 International Study Tour" is offered for 6 credit hours at the undergraduate level. At the graduate level, Home Economics 5100 International Studies is available, depending on demand and resources, for up to 15 graduate credit hours. The length of the tours may vary from 6 to 8 weeks and the program is under the direction of a member of the faculty.

The Food Science, Nutrition, and Food Systems Administration Department has a cooperative arrangement in which food service systems, such as those of the University, hospitals, schools, hotels, and restaurants are available for laboratory experience for Food Systems Administration students and food services facilities for those in the Food Science curriculum.

The Food Systems Administration program includes a four-year Coordinated Undergraduate Program in Dietetics for those students interested in health care facilities, and a Food and Lodging program to meet the need for administrators in the restaurant, resort, and tourist industry. Students in the Coordinated Program receive clinical experience integrated with courses during the senior year in hospitals and other health care facilities. The Food and Lodging program offers coordination of theory and experience with industry during all four years. Graduates of the Coordinated program will be eligible for membership in the American Dietetics Association (ADA) and for application for ADA registration. The Nutrition program is affiliated with the Child Development Center, UT Center for Health Sciences, Memphis, for special study in mental retardation and developmental disorders. A student may be trained with the Knox County Health Department to provide concurrent field experience for students in the Community Nutrition option.

All departments of the College conduct basic and applied research which may be supported in part by the College, by special grants and contracts, and by the Agricultural Experiment Station. The University of Tennessee Atomic Energy Commission program at Oak Ridge also provides opportunities for training and research.

Workshops on special topics of current importance are offered by the different departments in Home Economics. These will be of special interest to those desiring to work for advanced degrees. Announcements are sent upon request.

The Continuing Education Program provides advanced courses in all areas of Home Economics at centers across the State for updating and re-training as faculty resources permit. The program includes short courses, workshops, in-service courses, and special video-tape and tele-course programs. Individually planned graduate programs should be arranged with the appropriate department chairperson.

**Facilities**

The Jessie W. Harris Home Economics Building was dedicated in 1926. Since that time two wings have been added, one in 1937 and another in 1959. All departments have well-equipped modern laboratories for both graduate and undergraduate work.

The Child Development Center is a separate building especially planned as a laboratory for teaching and research with preschool children. It houses an infant day care center, nursery school classrooms for two-, three-, four-, and five-year old children, a preschool curriculum laboratory, and rooms for observation and research.

A separate Child Day Care Center housed in the UT Golf Range Apartments is staffed by the College and provides a laboratory for study as well as an adequate center for group care of children 2 to 6 years of age. The Family Life Center provides office and classroom space.

Food Science, Nutrition, and Food Systems Administration facilities include well-equipped laboratories for basic food science, experimental food science, experimental nutrition (animal), and chemistry for graduate and undergraduate students. A reading room and audio-tutorial laboratory provide opportunity for independent study. Laboratories include instruments for the evaluation of the chemical, physical, histological, and sensory properties of food, in addition to facilities for metabolic and survey studies of human nutrition.

Home Economics Education offices and laboratories are located in the Home Economics Building.

The Crafts, Interior Design, and Housing Department facilities include provisions for study, regular classroom laboratory and studio experiences. Laboratories for crafts and interior design and housing studies are especially equipped for this purpose.

Textile research facilities are available to undergraduate and graduate students and to research personnel interested in textile studies that benefit fiber producers, fabric and clothing manufacturers, and consumers. Laboratories are well-equipped for the physical and chemical analyses of fabrics, yarns, and fibers.

**Certification in Vocational Home Economics Education**

Certification to teach Vocational Home Economics requires either a Bachelor's or Master's degree in Home Economics from an institution offering a curriculum for teacher training approved by the State Board for Vocational Education and by the United States Office of Education. The University of Tennessee, Knoxville is approved for the training of teachers in Home Economics. A description of the Home Economics Education Curriculum leading to recommendation for certification will be furnished upon request. Graduate students interested in meeting certification requirements should consult the Head of the Department of Home Economics Education. Transfer and graduate students who desire to qualify for vocational certification in Home Economics should state this when applying for admission so that their credits may be evaluated in terms of this goal.

**Certification in Early Childhood Education**

A joint program in Early Childhood Education is currently under consideration by the Department of Child and Family Studies (College of Home Economics) and the Department of Curriculum and Instruction (College of Education). Pending adoption of a joint program, students enrolled in either of these departments may take additional coursework in areas supplementary to their existing programs in either department. Such arrangements should be made as early in a student's program as possible. Additional information may be obtained by contacting either the Department of Curriculum and Instruction or the Department of Child and Family Studies.

**Educational Programs For Home Economics Extension Education**

Students interested in careers as Home Economics extension agents have many opportunities for employment in service to urban and rural families. Special programs of study can be arranged for such students in cooperation with the Institute of Agriculture. The student selects a major in one of the curricula offered by the College of Home Economics. Elective courses may be selected by the student from those recommended by a joint advisory committee of the College of Home Economics, the College of Agriculture, and the Home Economics unit of the Agricultural Extension Service.

Summer Field work experience, coordinated by the Department of Agricultural Extension Education, is available to selected students with a minimum 2.5 grade point average. The student must enroll in Agricultural Extension Education 3110 during the fall or spring quarter of the junior year prior to enrolling in Agricultural Extension Education 410-20 Field Studies in the summer quarter (see page 54 for course descriptions). Six hours credit are awarded for summer Field Studies during which the student works ten weeks as a Junior Assistant County Agent of the Tennessee Agricultural Extension Service.

Students interested in this program should contact their adviser and the Administrative Assistant in the Office of the Dean of the College of Home Economics for detailed information.

**Undergraduate Study In Home Economics**

Curricula in the following areas lead to the degree of Bachelor of Science in Home Economics:

- **Child and Family Studies (CFS)**
  - Option 1 — Early Childhood Development
  - Option 2 — Human Development and Family Studies

- **Crafts, Interior Design, and Housing (CIDH)**
  - Option 1 — General Professional
  - Option 2 — Professional Interior Design
  - Option 3 — Professional Craft
  - Option 4 — Crafts Specialization
Food Science, Nutrition, and Food Systems Administration (FSNFSA)

Food Science and Food Systems Administration
Option 1 — Coordinated Undergraduate Program in Dietetics (ADA)
Option 2 — Food Science
Option 3 — Food and Lodging Administration
Nutrition
Option 1 — Nutrition Science
Option 2 — Community Nutrition

Home Economics Education (HEED)
Textiles and Clothing (T & C)
Option 1 — Merchandising
Option 2 — Textile Technology

NOTE: Students are advised to consult the University's degree requirements as stated in the front section of this catalog as well as the requirements for their particular college or school.

For the degree of Bachelor of Science in Home Economics, students generally plan to complete the last ninety hours of work (six quarters) at The University of Tennessee, Knoxville. Seventy-two hours must be earned in courses numbered above 3000 at The University of Tennessee, Knoxville. The prospective transfer student is advised to preplan his or her total college program before starting any college level work. Careful planning prior to transferring to the College of Home Economics is essential to maintaining a program of study with maximum utilization of credit and sequence of course work. All new freshman and transfer students whose majors require chemistry must enroll in the freshman chemistry course sequence until requirements are completed. It is recommended that transfer students complete the freshman chemistry course sequence before transferring to the College of Home Economics.

Students wishing to transfer 36 or more credit hours into the College must have an average of 2.0 for admission. Students with an average of less than 2.0 are not eligible for enrollment in junior or senior courses.

During the first quarter of residence, each student takes courses basic to all curricula and is assigned a faculty advisor or program planning.

A normal student load per quarter is 15-16 hours. The maximum load is 21 credit hours per quarter unless otherwise approved by the Dean.

When a student has completed one quarter in residence at The University of Tennessee, Knoxville (with at least a 2.0 in his course work), he will be eligible to participate in self-registration. Students participating in the voluntary academic registration program bear full responsibility for meeting degree requirements in the proper sequence.

A College of Home Economics student may choose to take elective credit only, a course (outside the specific requirements of the College of Home Economics and outside his major department) in which he or she will receive a satisfactory or no credit grade. The purpose of the satisfactory no-credit grading system is to encourage the student to explore subject matter areas outside of the requirements and other courses of his or her major by minimizing causes for the student's concern that his or her performance may be somewhat less outstanding than that in preferred subject areas. These courses will count as hours for graduation but not for calculating the student's grade point average. A final grade of C or better will be recorded as satisfactory. The maximum satisfactory or no credit hours which can be counted toward a degree is 30 hours. When the student wishes to take a satisfactory or no credit course, the student must so indicate at the time of registration.

Proficiency examinations are offered for numerous courses of the College. Information on courses for which proficiency examinations are offered may be obtained from Departments of the College of Home Economics.

Field training provides the opportunity for practical pre-professional experience and constitutes an integral part of many of the college's programs. Students enrolled in certain College of Home Economics courses who are involved in field experiences are required to participate in the group liability insurance plan offered through the College of Home Economics. The annual cost for the student for this insurance coverage is $4.00 (subject to change). The first digit in course numbers indicates the student group for whom the course is primarily offered: 1000 indicates courses for freshmen, 2000 for sophomores, 3000 for juniors, 4000 for seniors, 5000 and 6000 for graduate students.

Education 3810 should be elected in the sophomore year by those students majoring in the Vocational Home Economics Education curriculum. This course is a prerequisite for other required courses in education. Psychology 2500 is a prerequisite for Education 3810.

For majors in the Food Science and Food Systems Administration, Nutrition or Textiles curricula, Nutrition 3310 should be taken preferably in the sophomore year and not later than the first quarter of the junior year. The following seven courses are fundamental to Home Economics and are required in all curricula:

<table>
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<th>Course</th>
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<td>Child and Family Studies 1120</td>
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</tr>
<tr>
<td>Crafts, Interior Design, and Housing 1410</td>
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<tr>
<td>Food Science and Nutrition 2000</td>
<td>5</td>
</tr>
<tr>
<td>Child and Family Studies 2110</td>
<td>3</td>
</tr>
<tr>
<td>Textiles and Clothing 3410</td>
<td>3</td>
</tr>
<tr>
<td>Home Economics 4000</td>
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Professional Curriculum in Child and Family Studies

The Department of Child and Family Studies is concerned with early education, human development and family interaction throughout the life span, and with resource management and consumer studies. Departmental goals and objectives are designed to contribute to the interpersonal and professional competence of men and women students, and to provide preparation for careers in the helping professions related to children, adolescents, adults, and families, depending on the option the student selects.

The curriculum is appropriate for persons oriented toward teaching and/or administrative positions in child care centers and nursery schools, positions in family services, child welfare agencies, extension, banks and consumer agencies. Other opportunities exist that require study beyond the bachelor's level; (for example: administration, research and clinical services). All options provide necessary background for graduate study in child development, family relationships, early childhood education, and social work.

A total of 191 credits is required for the bachelor of science degree.

OPTION 1 EARLY CHILDHOOD DEVELOPMENT

This option is appropriate for persons interested in the following types of positions: day care teacher, nursery school teacher, worker in center for socially disadvantaged and/or handicapped children, entry level positions in social work, or preparation for graduate school.

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>English 1510-23</td>
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<td>1Mathematics 1540</td>
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<td>upper division foreign language</td>
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<tr>
<td>Music 1210 or Art 1815</td>
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<tr>
<td>or 1825</td>
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<td>Electives</td>
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Sophomore

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<th>Course</th>
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<td>Literature elective</td>
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<tr>
<td>Nutrition 1230</td>
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<tr>
<td>Physical Education</td>
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<tr>
<td>Speech 2211 or 2211W or 2351</td>
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<tr>
<td>Physical or Biological Science Elective</td>
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<tr>
<td>Social Sciences</td>
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<td>History of Political Science</td>
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Junior

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<td>CFS 3110-20</td>
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<tr>
<td>CFS 3130 or Library Science 3510</td>
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<tr>
<td>CFS 3210-20</td>
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<tr>
<td>CFS 3420 or 4830</td>
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<tr>
<td>CFS 3510 or 3515</td>
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<tr>
<td>T &amp; C 3410</td>
<td>5</td>
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<tr>
<td>Food Science 2000 and Nutrition 2000</td>
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<tr>
<td>Economics 2110</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy or Religion</td>
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<tr>
<td>Spec. Ed. 3334</td>
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<tr>
<td>P.E. 3560 or 3570</td>
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</table>
### OPTION 2 HUMAN DEVELOPMENT AND FAMILY STUDIES

This option is for undergraduate CFS majors who want a generalist background in individual and family studies. This option does not prepare for a career in pre-school education. Students interested in Cooperative Extension Service, community agencies, general family counseling, social work, and graduate work would choose this undergraduate option.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
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<tbody>
<tr>
<td>Freshman</td>
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<td>CFS 1120</td>
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<td>CFS 2110</td>
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<td>‘Natural Science’</td>
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<td>English 1510-20</td>
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<tr>
<td>‘Mathematics 1540’</td>
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<tr>
<td>Philosophy 2110 or 2510 or 2530 or 2530 or upper division foreign language</td>
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<tr>
<td>Music 1210 or Art 1815 or 1825</td>
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<td>Electives</td>
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<tr>
<td>Sophomore</td>
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<tr>
<td>‘CFS 2120’</td>
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<td>Literature Elective</td>
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<td>Physical Education</td>
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<td>Physical or Biological Science Elective</td>
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<td>‘Social Sciences’</td>
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<td>History or Political Science</td>
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<td>Electives</td>
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<tr>
<td>Junior</td>
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<tr>
<td>CFS 2410 or Sociology 3150</td>
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<td>CFS 3210-20</td>
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<td>CFS 3510-3515</td>
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<td>CFS 4510 or Ed. Psych. 4800</td>
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registration, tuition, and laboratory materials fees required by that School.

OPTION 3, GENERAL CRAFTS

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<tr>
<td>English 1510-20</td>
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<tr>
<td>CIDH 1410</td>
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<td>Art 1815-25</td>
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<td>Art History Elective</td>
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<td>Psychology 2500</td>
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<td>Electives</td>
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<td>Sociology 1510</td>
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<td>CIDH 2210</td>
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<td>Art 1115-25-35</td>
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<td>Economics 2110-20</td>
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Senior  
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<td>Art History and/or Art Education Electives</td>
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TOTAL: 190 hours

OPTION 4, CRAFTS SPECIALIZATION  
(Fiber, Metal, and Clay)

Freshman  
<table>
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<tr>
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<th>Credit</th>
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<td>CIDH 1410</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Art 1815-25</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Art History Elective</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>13 or 12</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL: 190 hours

OPTION 2, FOOD SCIENCE

The Food Science curriculum is concerned with relating the cultural and scientific aspects of Food Science to man and his environment. Emphasis is placed on the application of the social sciences to world feeding problems, consumer reaction to food acceptability and marketing problems; application of the physical sciences is made in the study of food composition and properties and changes associated with processing, preparation, and storage. This curriculum prepares students for positions in food product development and evaluation in industry and government, work in communications media, or for direct entrance into a Master's degree program needed for college teaching and research.

Freshman  
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Chemistry 1110-20-30 or 1510-20-30</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Food Science 1010</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Home Economics 1010</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CFS 1120</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CIDH 1410</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mathematics 1540-50 or 1840-50</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
<td></td>
</tr>
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<td>Electives</td>
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<td></td>
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</tbody>
</table>

Sophomore  
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFS 2110</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Economics 2110-20</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>English 2510 or 2520 or 2530 or 2540</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Food Science 2510</td>
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<td>Sociology 1510</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Junior  
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<tr>
<th>Course</th>
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<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutrition 3310-20-30-39</td>
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<tr>
<td>English 2510 or 2520 or 2530 or 2540</td>
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<td></td>
</tr>
<tr>
<td>Food Science 2510</td>
<td>3</td>
<td></td>
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<td>Sociology 2920-30</td>
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</tr>
<tr>
<td>Economics 2110-2130</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL: 190 hours

OPTION 3, FOOD AND LODGING ADMINISTRATION

The Food and Lodging Administration curriculum is concerned with meeting the expressed top management needs of the food and lodging industry. This curriculum will provide a professional program for both men and women which will assist students to gain breadth of knowledge, perspective, flexibility, and creativity to meet the changing environment of complex management problems in the food and lodging industry of today.

Freshman  
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Text &amp; Clg. 3410</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CIDH 4410</td>
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<td></td>
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<tr>
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<td></td>
</tr>
<tr>
<td>Art 2615 or 2415</td>
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<td></td>
</tr>
<tr>
<td>CIDH 3130</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Speech 2311 or Journalism 2210</td>
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<td></td>
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<tr>
<td>CIDH 4140</td>
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<td>CIDH Craft Electives (Beginning and</td>
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<tr>
<td>Advanced) including 9 hours in area of</td>
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<td></td>
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<tr>
<td>concentration</td>
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</tr>
<tr>
<td>Humanities and Social Science Electives</td>
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</table>

TOTAL: 190 hours

*Mathematics 1550 required as prerequisite for Statistics.
College of Home Economics

Speech 2311.................................................. 4
Electives................................................ 4

Sophomore
Food Systems Administration 3110...................... 5
*Food Science 2000 and Nutrition 2000; or Nutrition 1230 (5 or 3)
English 2510 or 2520 or 2540.......................... 4
Economics 2110, 2130.................................. 6
Microbiology 2101........................................ 4
Accounting 2120-20, 2210......................... 9
Food Systems Administration 3220.................... 5
*Electives................................................ 13 or 11

Junior
*Food Science 2510 or 4000.................. 3
Marketing 3110-20.................................... 6
FSA 4250.................................................. 3
CIDH 3110................................................. 3
Economics 3400........................................ 3
FSA 4130.................................................. 3
FSA 4150.................................................. 3
Text & Clg. 3330....................................... 3
CFS 2110.................................................. 3
*Electives or Food Science 4040................ 3
Computer Science 2410................................ 4
*Electives................................................ 11

Senior
FSA 4260.................................................. 4
Business Law 4110..................................... 3
FSA 4140.................................................. 3
FSA 4270.................................................. 3
FSA 4210.................................................. 15
CFS 4830.................................................. 3
Home Economics 4000.................................. 3
Electives.................................................. 13

TOTAL: 180 hours

*Natural Science Electives (a 12-hour sequence) from one of the following areas: Biology 1210-20-30, Chemistry 1510-20-30, or Physics 1410-20-30.

*Select one of the following Food Science course sequences: Chemistry 1510-20-30 (as natural science elective), Food Science 2000 and Nutrition 2000, Food Science 2101, or any natural science elective, Nutrition 1230, Food Science 4000, Food Science 4040.

*Social Science Electives (8 hours with 2 courses from one area of the following: Anthropology, Sociology, Geography, Psychology, or Political Science.

Nutrition

OPTION 1, NUTRITION SCIENCE

This curriculum provides in-depth training in the basic biological sciences as well as nutrition. This option is designed for students who are interested in graduate study to become clinical teachers and researchers or who are interested in graduate study and/or a dietetic internship, to become a clinical nutrition specialist.

Freshman

Chemistry 1110-20-30 or 1510-20-30................... 12
English 1510-20........................................ 8
Food Science 1010.................................... 3
Home Economics 1010.................................. 1
CFS 1120............................................... 5
Mathematics 1540.................................... 4
Nutrition 1230......................................... 3
Physical Education Activity Elective............. 3
Psychology 2500..................................... 4
CIDH 1410.............................................. 3
Sociology 1510....................................... 4

Sophomore

Nutrition 3310-20-30, 3339.................... 12
CFS 2110................................................. 3
Economics 2110-20.................................. 6
English 2510 or 2520 or 2530 or 2540.............. 4
Food Science 2000 and Nutrition 2000.............. 3
Zoology 2920-30...................................... 8
*Electives............................................... 8

Junior

Anthropology 2530.................................. 4
Educational Psychology 3110.......................... 4
Food Science 2510.................................... 3
Food Systems Administration 3110.................. 5
Journalism 2210....................................... 3
Microbiology 2101..................................... 5
Nutrition 3410......................................... 5
Plant and Soil Science 3610.......................... 3
Public Health 3330.................................... 3
Speech 2311........................................... 4
*Electives............................................... 6

Sophomore

CFS 2310, 3510..................................... 6
Ed. C & I 1300-30*................................. 6
*Education elective................................. 3

TOTAL: 188 hours

*Or English 2560 or 2570 or 2580.

OPTION 2, COMMUNITY NUTRITION

This curriculum is designed for those students interested in community services or graduate work in Public Health Nutrition.

Freshman

Chemistry 1110-20-30 or 1510-20-30.................. 12
English 1510-20........................................ 8
Food Science 1010.................................... 3
Home Economics 1010.................................. 1
CFS 1120............................................... 5
Mathematics 1540.................................... 4
Nutrition 1230......................................... 3
Physical Education Activity Elective............. 3
Psychology 2500..................................... 4
CIDH 1410.............................................. 3
Sociology 1510....................................... 4

Sophomore

Nutrition 3310-20-30, 3339.................... 12
CFS 2110................................................. 3
Economics 2110-20.................................. 6
English 2510 or 2520 or 2530 or 2540.............. 4
Food Science 2000 and Nutrition 2000.............. 3
Zoology 2920-30...................................... 8
*Electives............................................... 8

Junior

Anthropology 2530.................................. 4
Educational Psychology 3110.......................... 4
Food Science 2510.................................... 3
Food Systems Administration 3110.................. 5
Journalism 2210....................................... 3
Microbiology 2101..................................... 5
Nutrition 3410......................................... 5
Plant and Soil Science 3610.......................... 3
Public Health 3330.................................... 3
Speech 2311........................................... 4
*Electives............................................... 6

Senior

CFS 4260 or 4810.................................... 3
Food Science 3000.................................... 3
Food Systems Administration 4130.................. 3
Home Economics 4000.................................. 2
CFS 3430 or 4210..................................... 3
Library and Information Science 4750............. 3
Nutrition 4010......................................... 3
Nutrition 4030......................................... 3
Nutrition 4031 or 4450............................... 3
Nutrition 4230......................................... 3
Nutrition 4330......................................... 3
Text & Clg. 3410...................................... 3
*Electives............................................... 11

TOTAL: 188 hours

*Or English 2560 or 2570 or 2580.

Professional Curriculum in Vocational Home Economics Education

The curriculum in Vocational Home Economics Education is planned in cooperation with the College of Agriculture. Successful completion of the requirements of this curriculum results in recommendation for certification to teach vocational home economics in secondary schools in Tennessee.

Total requirements for admission to teacher education, to student teaching and for Recommendation for Certification are listed on page 87. The State Board for Vocational Education and the United States Office of Education approves programs for vocational education. Only students who have a major in the Vocational Home Economics Education curriculum meet certification requirements; students who have a major in other curricula in the College of Home Economics do not meet certification requirements.

All freshman, sophomore, and junior required courses must be completed before a student engages in student teaching. Home Economics Education 4240 should be scheduled within one of the two quarters immediately preceding the quarter in which student teaching is scheduled. This curriculum will prepare students for graduate study in home economics education; however, it is not a requirement for graduate study in home economics education.

Freshman

Chemistry 1510-20-30............................... 12
English 1510-20........................................ 8
Food Science 1010.................................... 3
Home Economics 1010.................................. 1
CFS 1120............................................... 5
Mathematics 1540.................................... 4
Nutrition 1230......................................... 3
Physical Education Activity Elective............. 3
Psychology 2500..................................... 4
CIDH 1410.............................................. 3
Sociology 1510....................................... 4

Sophomore

CFS 2110................................................. 3
Economics electives................................. 6
*Electives............................................... 4
H. Ec. Educ. 2240.................................... 3
*Humanities electives............................... 8
Literature elective.................................... 4
Psychology 2500..................................... 4
*Social Science electives.......................... 6
Zoology 2920-20...................................... 8

Junior

CFS 3210, 3510..................................... 6
Ed. C & I 1300-30*................................. 6
*Education elective................................. 3
### Hours Credit

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
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</thead>
<tbody>
<tr>
<td>Ed. Psych. 3810</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>12</td>
</tr>
<tr>
<td>Food Science 3020</td>
<td>3</td>
</tr>
<tr>
<td>H. Ed. Educ. 3240</td>
<td>4</td>
</tr>
<tr>
<td>CFS 3420 or 4210 or 4830</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition 3560</td>
<td>3</td>
</tr>
<tr>
<td>CIDH 3110</td>
<td>3</td>
</tr>
<tr>
<td>Text. &amp; Cls. 3420</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Senior

| Electives | 12 |
| H. Ed. Educ. 4240 | 4 |
| H. Ed. Educ. 4310, 4610 | 15 |
| CIDH 4320 | 3 |
| CFS 4440 | 4 |
| Nutrition 4050 | 4 |
| CIDH 4410 | 4 |
| Text. & Cls. 3440 | 3 |

**TOTAL: 190 hours**

13-14 hours of electives can be used for additional endorsement in one of two options in occupational areas: Option 1. Food Services, or Option 2. Child Care. Services. If occupational endorsement is not sought, 9 hours of electives are to be selected in additional home economics subject matter.

Readings to complete 85 for humanities requirements.

Choose courses in History, Anthropology, Geography, Political Science, Sociology, or Child and Family Studies 2110.

 Requires admission to Teacher Education Program.

### OPTION 1. FOOD SERVICES

**ENDORSEMENT**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Science 2510</td>
<td>3</td>
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<tr>
<td>Food Systems Administration 3110</td>
<td>5</td>
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<tr>
<td>Food Systems Administration 3320</td>
<td>2</td>
</tr>
<tr>
<td>H. Ed. Educ. 4509</td>
<td>4</td>
</tr>
</tbody>
</table>

**TOTAL: 13 hours**

### OPTION 2. CHILD CARE

**ENDORSEMENT**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFS 3110</td>
<td>3</td>
</tr>
<tr>
<td>CFS 4420 or 4430 or 4810</td>
<td>3</td>
</tr>
<tr>
<td>CFS 4710</td>
<td>3</td>
</tr>
<tr>
<td>H. Ed. Educ. 4509</td>
<td>4</td>
</tr>
</tbody>
</table>

**TOTAL: 13 hours**

### Professional Curriculum in Textiles and Clothing

**OPTION 1. MERCHANDISING**

This curriculum is appropriate for students wishing to prepare for positions in merchandising of apparel and/or fabrics, fashion writing, and in public relations with pattern companies and manufacturers of textile products.

#### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1510-20-30, or 1110-20-30</td>
<td>12</td>
</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
</tr>
<tr>
<td>H.E. 1010</td>
<td>1</td>
</tr>
<tr>
<td>CFS 1120</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
</tr>
<tr>
<td>CIDH 1410</td>
<td>3</td>
</tr>
<tr>
<td>Textiles and Clothing 1150</td>
<td>5</td>
</tr>
<tr>
<td>Textiles and Clothing 2110</td>
<td>3</td>
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<tr>
<td>Sociology 1510</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
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#### Sophomore

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Accounting 2110</td>
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<tr>
<td>Economics 2110-30</td>
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<tr>
<td>Literature Elective</td>
<td>4</td>
</tr>
<tr>
<td>Food Science 2000 and Nutrition 2000</td>
<td>5</td>
</tr>
<tr>
<td>CFS 2110</td>
<td>3</td>
</tr>
<tr>
<td>Anthropology 2530</td>
<td>4</td>
</tr>
<tr>
<td>Textiles and Clothing 3420</td>
<td>3</td>
</tr>
<tr>
<td>Zoology 2930-30</td>
<td>3</td>
</tr>
<tr>
<td>Textiles and Clothing 3510</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Electives</td>
<td>8</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
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</table>

#### Junior

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 3120 or Sociology 3130</td>
<td>3 or 4</td>
</tr>
<tr>
<td>CIDH 3310</td>
<td>3</td>
</tr>
<tr>
<td>Speech 2311</td>
<td>4</td>
</tr>
<tr>
<td>Marketing 3110, 3120, and 3 Electives</td>
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</tr>
<tr>
<td>Journalism 2210</td>
<td>3</td>
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<tr>
<td>Textiles and Clothing 3410</td>
<td>3</td>
</tr>
<tr>
<td>Textiles and Clothing 4110</td>
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<tr>
<td>Textiles and Clothing 4650</td>
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<tr>
<td>Electives</td>
<td>11 or 12</td>
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</table>

**TOTAL: 189 hours**

Spring Quarter only.

Twenty hours of electives must be upper division level.

Approved upper division courses may be substituted.

Fall Quarter only.

### OPTION 2. TEXTILE TECHNOLOGY

This curriculum is appropriate for persons wishing to prepare for positions as research technicians and for graduate study leading to college teaching and research in textiles.

#### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
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<tbody>
<tr>
<td>Chemistry 1110-20-30 or 1510-20-30</td>
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</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
</tr>
<tr>
<td>Home Economics 1010</td>
<td>1</td>
</tr>
<tr>
<td>CFS 1120</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
</tr>
<tr>
<td>CIDH 1410</td>
<td>3</td>
</tr>
<tr>
<td>Text. and Cls. 1150</td>
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<tr>
<td>Electives</td>
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#### Sophomore

<table>
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<th>Course</th>
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<tbody>
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<td>Chemistry 3211-19 or 3310</td>
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<tr>
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<tr>
<td>English 2510 or 2520 or 2530 or 2540</td>
<td>8</td>
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<tr>
<td>Math 1540-50-60 or 1840-50-60</td>
<td>12</td>
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<tr>
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<td>4</td>
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<tr>
<td>Text. and Cls. 3420</td>
<td>3</td>
</tr>
<tr>
<td>Zoology 2920-30</td>
<td>8</td>
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<td>Electives</td>
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#### Junior

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<thead>
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<th>Course</th>
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<tr>
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</tr>
<tr>
<td>Journalism 2210</td>
<td>3</td>
</tr>
<tr>
<td>Physics 2210 or 1210-20</td>
<td>8</td>
</tr>
<tr>
<td>Statistics 2210 or 3450</td>
<td>3</td>
</tr>
<tr>
<td>Text. and Cls. 3410</td>
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#### Senior

<table>
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<tbody>
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<tr>
<td>CFS 4830</td>
<td>3</td>
</tr>
<tr>
<td>CIDH 2430</td>
<td>6</td>
</tr>
<tr>
<td>Textiles and Clothing 3440, 3450, 3480, 5220 (choose 3)</td>
<td>9</td>
</tr>
<tr>
<td>Textiles and Clothing 4220</td>
<td>4</td>
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<tr>
<td>Textiles and Clothing 4160, 4120, 4210</td>
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<tr>
<td>Electives</td>
<td>12</td>
</tr>
</tbody>
</table>

**TOTAL: 191 hours**

* Or English 2650 or 2670 or 2680.
* At least 30 hours must be upper division courses.

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### Graduate Study Programs in the College of Home Economics

Graduate study programs lead to the degree of Master of Science with a major in Child and Family Studies; Consumer Studies and Housing; Public Policy; Crafts, Interior Design, and Housing; Food Science; Food Systems Administration; Home Economics Education; Nutrition; and Textiles and Clothing. Graduate study programs lead to the degree of Doctor of Philosophy in Home Economics with three options: Interdisciplinary, Food Science, and Nutrition. Food Systems Administration may be taken as a concentration in the Food Science doctoral option. Graduate programs provide advanced specialized training as needed in each area for College and University teaching, for leadership positions in governmental and professional agencies and in the various professions in business, for secondary school and adult teaching, for research and for extended services.

Information regarding graduate assistantships, fellowships, and general requirements for admission to graduate study may be obtained from the Department Chairperson in the area of the student's major interest or the Dean of the College of Home Economics for the Interdisciplinary doctoral option.

An application for admission and two official transcripts should be submitted directly to the Graduate School. In addition, application is made to the Dean of the College of Home Economics. Those students desiring to major in Child and Family Studies, the Interdisciplinary doctoral option, or Home Economics Education are required to take the Graduate Record Examination.

For a complete description of the Graduate Program in the various areas of Home Economics, see the Graduate School Catalog, including the list of available major and minor areas.

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### Departments of Instruction

Numbers in parentheses following the course titles indicate quarter hours credit offered.

### Child and Family Studies (245)

Professors:
- R.L. Highberger, Ph.D. Iowa; C. Beasley (Emeritus), E.D.D., Columbia; M.L. Bishop (Emeritus), Ph.D. Cornell; E.L. Speer (Emeritus), M.A. Columbia

Associate Professors:
- J.I. Kuipers (Head), Ph.D. Michigan State; J.L. Cunningham, Ph.D. Michigan State; V.M. Nordquist, Ph.D. Tennessee

Assistant Professors:
- B.C. Miller, Ph.D. Minnesota; B.K. Miller, Ph.D. Michigan State; L.M. Rawlings, Ph.D. Pennsylvania State; H.M. Reed, M.S. Tennessee; L.E. Southworth, Ed.S. Tennessee; R.M. Swagler, Ph.D. Ohio State; S.L. Twardosz, Ph.D. Kansas; P. White, Ed.D. Tennessee; M. Verzar, Ph.D. Wisconsin

Instructors:
- A.E. Henderson, M.S. Cornell; N. Rieman, M.S. Kansas State
making activities; evaluation of equipment, work centers and work procedures in terms of time and energy demands. Adaptations for the handicapped.

4230 Development in Infancy (3) Development during prenatal period and first fifteen months of life. Interaction between child, infant, and his environment. Review of research relating to child rearing practices and prediction of later behavior. Prereq: 2110 and Zoology 2010 or equivalent.

4260 Development in Late Stages of Life Cycle (3) Adult life in our society. Adjustment to internal and environmental changes through middle and aged years. Prereq: 2110, 4 hrs psychology, and 4 hrs sociology or equivalent.

4350 Advanced Child Development (3) Survey of selected theories relevant to child development with emphasis on research literature and research methods. Prereq: 3 or 4110 or equivalent.

4420 Learning Experiences with Parents (3) Dynamics of parent-teacher interaction. Emphasis on a variety of techniques for developing communication and working relationships between parents and teachers through experiences in a variety of settings. Prereq: 3610 or 4110 or equivalent.

4430 Family Relationships (3) Interpersonal relationships among family members and societal roles.


4610 The Child in the Community (3) Needs of children; community agencies meeting these needs; visits to agencies contributing to the welfare of children. Prereq: Senior standing, 2110 or equivalent.

4620 Administration of Programs for Young Children (3) Planning for staffing, housing, feeding, scheduling, and financing for day care of infants and young children, nursery school programs, and special preprimary school programs. Prereq: 4110 or equivalent.

4630 Field Work in Child, Family and Consumer Studies (3-15) Opportunity for students to work in nursery schools or community agencies; focus on children, families, and/or consumer concerns. Hrs. arranged. May be repeated. Maximum credit 15 hours.

4710 Contemporary Developments (1-3) Student or staff selected course for study of special topics pertinent to the field; topics selected to be determined by students and instructor with departmental approval. Elective credit only. Prereq: permission of instructor. May be repeated with departmental approval for credit up to 9 hrs.

4810 Afro-American Families (3) Historical background, contemporary family structure and relationships; emerging needs and programs. Prereq: 4 hrs social sciences and upper division standing. (Same as Black Studies 4810).

4830 Consumers and the Market (3) Factors important to homemakers as family purchasing agents; standardization of goods; grading, branding, labeling; advertising; consumer practices affecting costs; specific household commodity information.

4840 Generational Relations and Family Life Styles (3) Historical, economic, and social experiences of different generations, their influence on relationships within and across generational groups, and implications for family life.

4978 Honors: Child, Family and Consumer Studies (3) Individual special problems for juniors and seniors showing special ability and interests. May be repeated. Maximum credit 9 hours.

5140 Consumption and Standards of Living (3)

5150 Assessment of Family Behavior (3)

5160 Management of Time and Energy in the Home (3)

5170 Consumer Economics (3)

5180 Management of Family Finances (3)

5210 Theories of Child Development (3)

5220 Family Life Programs (3)

5310 Theory and Research on Human Sexuality (3)

5410 Advanced Family Relationships (3)

5420 Parents and Children (3)

5430 Interaction in Emotionally Disturbed Families (3)

5510 Survey of Research in Child and Family Studies (3)

5530 Research Methods in Child and Family Studies (3)

5540 Teaching-Learning Process in Preschool Programs (3)

5550 Supervision in Preschool Programs (3)

5610 Theories of Management in the Family Environment (3)

5620 Nursery School Administration (3)

5630 Seminar in Infant Development (3)

5640 Teaching Child and Family Studies (5)

7000 Current Programs and Trends in Child and Family Studies (1-3)

5800 Problems in Child, Family, and Consumer Studies (1-3)

5840 Family Planning Programs (3)

5900 Seminar in Child and Family Studies (1-3)

6110 Seminar in Child Development, Family Relationships and Consumer Studies (3)

6250 Advanced Topics (3)

6310 Individual and Family Development: Physiological Determinants (3)

6320 Individual and Family Development: Cognition (3)

6330 Individual and Family Development: Socialization (3)

6410 Theories of Family Interaction (3)

6450 Conceptual Frameworks for the Family (3)

6540 Seminar in Programs for Infants and Preschool Children (3)

6610-20 Contingency Management Programs for Disadvantaged Children (6, 6)

Crafts, Interior Design, And Housing (858)

Professors: R.G. Blakemore (Head), Ph.D. Florida State; L. Bower, Ph.D. Syracuse; J.S. Fasserti, M.S. Ohio State; L.J. Gassett (Emeritus), Ph.D. Purdue; M.G. Heard, M.A. Columbia.

Associate Professors: L.M. Mamer, M.S. Iowa State; W. Moran, M.S. Wisconsin.


ARROWMINT SCHOOL OF CRAFTS

College of Home Economics 147

Lecturers:

Undergraduate

1410 Introduction to Crafts and Interior Design (3) Presence of art in immediate environment; design used in daily living by cultures different from our own; emphasis on awareness of design, 2 hrs and 1 lab.

1419 Crafts and Interior Design Studio (2) Introduction to grammar of design in studio situation with emphasis on design organization, color, and general understanding of interior design and order; core or core: 1410. Required of students specializing in crafts and interior design.

2110 Fundamentals of Interior Design (3) Drawing skills, color, room layout, and tools used in interior design. Prereq: 1410. 1 hr and 2 labs.

2111 Design of Interior Spaces (3) Design in two and three dimensions, additional emphasis on symbols, tools and design terminology. Prereq: 2110 or consent of instructor. 1 hr and 1 lab.

2112 Color in Interior Design (3) Application of color to the interior; development of skills for various media and tools used in color planning; effects of color on interior spaces. Prereq: 2111 or consent of instructor. 2 hrs and 1 lab.

2115 Fundamentals of Interior Design I (6) Introduction to basic drafting techniques, symbols and terminology used in interior design presentations.

2116 Fundamentals of Interior Design II (6) Research and specification of micro-environments, with special emphasis on perspective and rendering techniques as a means of communication of design solutions. Opportunity for individual experimentation.

2120 Creative Design (4) Comparison and criticism of design; requirements for individuality within the limits of appropriateness; appreciation of basic art principles in selecting and combining objects; original design experimenting with elements of space, texture, color, and different methods for creating effective designs. Prereq: 1410 or equivalent. 1 hr and 2 labs.

2430 Equipment in the Home (3) Principles underlying construction; construction; construction of household equipment; processes and supplies involved in using and caring for equipment; recent developments in measurement of costs, simple maintenance. 1 hr and 2 labs.

3100 Beginning Interior Design (3) Individual and design factors influencing selection, arrangement and combination of furnishings to derive the greatest satisfaction from homes and places of work. Prereq: 1410 or equivalent. 1 hr and 2 labs.

3210 Historic Interiors (3) Furniture and interiors of the past as influenced by social, economic and political background, recent adaptations of historic design.

3215 Historic Interiors (5) Survey of the history of interior design and decorative arts of various cultures. Emphasis on stylistic analysis and relation of design to cultural, economic, and political factors.

3130 Color (3) Experimentation in color systems and their significance to the home economist. Effective use of color in design, color manipulation, color areas and design and planning. Prereq: 2112 or consent of instructor. 1 hr and 2 labs.

3250 Residential Interiors I (3) Studio work dealing with limited living areas; efficiency apartments, mobile homes; design analysis and planning. Prereq: 2112 or consent of instructor. 1 hr and 2 labs.

3251 Residential Interiors II (3) Residential interiors, floor plans and perspectives; emphasis on interior design and cost as related to the client. Prereq: 3250 or consent of instructor. 1 hr and 2 labs.

3252 Commercial Interiors (3) Understanding relationships of interior spaces to commercial structures such as offices and stores; commercial design analysis and planning. Prereq: 3251 or consent of instructor. 1 hr and 2 labs.

3255 Residential Interiors I (6) Design of single family residential structure based on analysis of specific activities and environmental and organizational requirements. Includes production of detail drawings and specification of interior furnishings and finishing materials. Prereq: 2116 or permission of instructor.

3256 Residential Interiors II (6) Studio problems dealing with residential interiors other than single family detached dwelling; includes high-rise apartments, condominiums, shows, mail order showrooms, remodeling existing structures, etc. Emphasis on working with individual's and family's specific needs and budget. Prereq: 3255 or permission of instructor.


3310 Metal Design I (4) Experimenting with metals and techniques, stressing relationship of design to function, processes, materials and use of tools. Prereq: 1410 or equivalent. 1 hr and 2 labs.

3320 Metal Design II (4) Principles of metal design; possibilities and limitations of metals, techniques, tools and equipment. Relationship of design to process, imaginative use of art elements in metal design. 1 hr and 2 labs.

3330 Metal Design III (4) Advanced experiences in metalwork, emphasizing relationship of design to process and imaginative use of art elements in metal design. Prereq: 3320 or equivalent. 1 hr and 2 labs.

3410 Weaving I (4) Creative design in elementary weaving techniques on a variety of looms; basic weaving techniques; design principles; survey of weaving drafts; designing warps for various materials; assembling a loom; threading and tying-up of a loom; methods of finishing. Study of weaving of past and present. Prereq: 1410 or equivalent. 1 hr and 2 labs.

3420 Weaving II (4) Same as 3410 except designing, techniques and materials are explored in rug weaving. 1 hr and 2 labs.

3430 Weaving III (4) Advanced weaving techniques with exploration of pattern, color and texture using various warps, filler and weaves. Further study of weaving, past and present. Prereq: 3410 or 3420 or equivalent. 1 hr and 2 labs.

3440 Demonstration Techniques in Household Equipment (3) Planning and presenting equipment demonstrations emphasizing performance, maintenance and business practices and using visual-aids. Prereq: Speech 2331. 1 hr and 2 labs.

3510 Textile Design (4) Fundamental principles of textile design, using a wide range of processes and materials. Emphasis on screenprinting and blockprint methods. Prereq: 1410 or equivalent.

3520 Textile Design (4) Study of resist processes in textile design, Fold-dye, batik, and resin resist methods are covered. Emphasis on contemporary designers in the field are discussed, as well as examples from the past. Prereq: 1410 or equivalent.


3610 Wood Design (4) Basic skills and appreciation for design development through wood carving and the making of small wooden objects, tools and toys. Prereq: 1410 or equivalent. 1 hr and 2 labs.

3620 Wood Design (4) Continuation of 3610. 1 hr and 2 labs.

3710 Enameling I (4) Exploring possibilities and limitations of vitreous enamels. Designing and creating enameled metalwork and jewelry using a variety of materials and techniques. Contemporary and past enameling. Prereq: 1410 or equivalent. 1 hr and 2 labs.

3720 Enameling II (4) Advanced techniques; manipulation of design, color and texture. Further study of art of enamelist, past and present. Prereq: 3710 or equivalent. 1 hr and 2 labs.

4110 Home Wiring and Lighting Requirements (3) Practice in wire-stripping, drawing of electrical wiring diagrams, and the installation of lighting and wiring plans in terms of family desires and need for equipment. 1 hr and 2 labs.

4130 Contemporary Design (3) Furnishings and interiors; economics, technological and social changes influencing designs. Relationships of changing living conditions; interpretation of architecture and furnishings. Significant designers and their work.

4140 Exhibition Design (4) Display of Craft and Interior Design problems in relation to materials, props, and special exhibition area. Emphasis on knowledge and application of design principles as they relate to promotion, design construction, display and evaluation for two and three dimensional display. Annual student craft and interior design exhibit culminates quarter. Prereq: 1410 or equivalent.

4150 Interior Space Planning I (3) Studies in large scale commercial and interior design, apartment houses, office buildings, institutions; understanding factors that influence design of concentrated and multiple uses. Prereq: 3252 or consent of instructor. 1 hr and 2 labs.

4151 Interior Space Planning II (3) Man as related to interiors of mobile units; airplanes, mobile homes, trains, ships; relationship of design to materials and management of personal space. Prereq: 4150 or consent of instructor. 1 hr and 2 labs.

4152 Interior Space Planning III (3) Interior design evaluation as related to contemporary technology and materials used in space or environmental planning. Emphasis on individual projects. Prereq: 4151 or consent of instructor. 1 hr and 2 labs.

4155 Interior Space Planning VI (6) Analysis, planning and design of official and institutional, contract specifications. Prereq: 3256 or equivalent.

4156 Interior Space Planning II (6) Studio problems involving large scale non-residential interior spaces such as restaurants, transportation facilities, stores, institutions, etc. Prereq: 4155 or permission of instructor.


4310 Crafts in America (3) Craft movement; factors that contribute to growth and development. Ed-ucational, artistic, economic, recreational, and therapeutic values of crafts. Place of craftsman in society as producer, teacher, designer for industry.

4320 Family Housing Problems (3) Housing requirements of families. Reading and judging house plans, effectiveness of space, maintenance problems; housing regulations and restrictions; site

4330 Care and Repair of Household Equipment (3) Care of equipment to give maximum service in relation to operation and service cost; understanding of common repair problems. Prereq: 2430. 1 hr and 2 labs.

4410 Craft Media (4) Possibilities and limitations of variety of craft media; understanding educational and social values of craft work. Designing and executing craft problems using inexpensive materials and tools. 3 labs.

4420 Leather Design (4) Relationship to design to function, techniques and materials. Creating leather objects of original design. Prereq: 1410 or equivalent. 1 hr and 2 labs.

4430 Plastics (4) Possibilities and limitations of various plastics; methods of fabrication; relation of design to function, processes, types of material and use of tools. Prereq: 1410 or equivalent. 1 hr and 2 labs.

4510 Ceramics I (4) Possibilities and limitations of clay; techniques and use of tools. Designing and making pottery forms using coil, slab and throwing techniques; decorating by slip, underglaze, sgraffito, incising and embossing; preparation of simple slips; setting up and firing kilns. Prereq: 1410 or equivalent. 1 hr and 2 labs.

4520 Ceramics II (4) Further study in designing, building, decorating, preparing glazes and firing. Role of the potter, past and present. Prereq: 4510 or equivalent. 1 hr and 2 labs.

4530 Ceramics III (4) Advanced design and relation to function, materials, tools and techniques. Further study of history of pottery and contributions of contemporary ceramic art to art, architecture and interior design. 1 hr and 2 labs.

4610 Studio Problems in Interior Design (3) Problems for seniors with special ability and interest in Interior Design. May be repeated to a maximum of 9 hrs. Prereq: Senior standing and permission of department.

4620 Studio Problems in Leather Design (4) Problems for seniors and seniors with special ability and interest in leather design. May be repeated to a maximum of 12 hours. Prereq: 4 hours of leather design or permission of department.

4630 Studio Problems in Metal Design (4) Problems for seniors and seniors with special ability and interest in metal design. May be repeated to a maximum of 12 hrs. Prereq: 12 hrs of metal design or equivalent and permission of department.

4640 Studio Problems in Weaving (4) Problems for seniors and special ability and interest in weaving. May be repeated to a maximum of 12 hrs. Prereq: 12 hrs of weaving or equivalent and permission of department.

4650 Studio Problems in Textile Design (4) Problems for seniors and special ability and interest in textile design. May be repeated to a maximum of 12 hrs. Prereq: 8 hrs of textile design or equivalent and permission of department.

4655 Studio Problems in Fabric Structures (4) Advanced problems in fabric structures for juniors and seniors with special ability and interest in fabric structures. Emphasis on indepth research and creative problem solving in one or several areas of fabric structures. May be repeated. Maximum credit 12 hours. Prereq: 12 hrs of fabric structures (or equivalent) and permission of department head.

4660 Studio Problems in Wood Design (4) Problems for seniors and special ability and interest in wood design. May be repeated to a maximum of 12 hrs. Prereq: 8 hrs of wood design or equivalent and permission of department.

4670 Studio Problems in Enameling (4) Problems for seniors and special ability and interest in enameling. May be repeated to a maximum of 12 hrs. Prereq: 8 hrs of enameling or equivalent and permission of department.

4680 Studio Problems in Plastics (4) Problems for juniors and seniors with special ability and interest in plastics. May be repeated to a maximum of 12 hrs. Prereq: 4 hrs of plastics or equivalent and permission of department.

4690 Studio Problems in Ceramics (4) Problems for juniors and seniors with special ability and interest in ceramics. May be repeated to a maximum of 12 hrs. Prereq: 12 hrs of ceramics or equivalent and permission of department.

4710 Contemporary Developments (1-4) Student or staff initiated course for study of special topic(s) pertinent to the field; topics selected to be determined by students and instructor with departmental approval. Elective credit only. May be repeated with permission of department. Maximum credit 12 hours. Prereq: Permission of instructor.

4968 Honors: Crafts (1-4) Problems for juniors and seniors with special ability and interest in crafts. Hours arranged. May be repeated. Maximum credit 12 hours. Prereq: Permission of department head.

4978 Honors: Interior Design (1-3) Problems for juniors and seniors with special ability and interest in interior design. Hours arranged. May be repeated. Maximum credit 9 hours. Prereq: permission of department head.

4988 Honors: Housing (1-3) Problems for juniors and seniors with special ability and interest in housing. Hours arranged. May be repeated. Maximum credit 9 hours. Prereq: permission of department head.

4998 Honors: Equipment (1-3) Problems for juniors and seniors with ability and interest in equipment. Hours arranged. May be repeated. Maximum credit 9 hours. Prereq: permission of department head.

Graduate

5000 Thesis

5040 Seminar in Design (3)

5050 Advanced Design Studio (3)

5060 Practicum (1-12)

5120 Historic Interior Design (3)

5210 Furniture Appreciation (3)

5310 Interior Design (3)

5330 Craft Design (3)

5341-51-61 Metal Design, I, II, III (4, 4, 4)

5342-52-62 Weaving II, I, III, III (4, 4, 4)

5343-53-63 Textile Design II, I, III, II (4, 4, 4)

5344-54-64 Wood Design I, II, III, III (4, 4, 4)

5345-55-65 Enameling I, II, III, III (4, 4, 4)

5346-56-68 Plastics I, II, I, II (4, 4, 4)

5347-57-67 Ceramics I, II, II (4, 4, 4)

5368 Ceramics-Glaze Calculation (4)

5369 Ceramics-Kiln Construction (4)

5410 Advanced Problems (3)

5510 Environmental Factors in Interior Design (3)

5520 Environmental Factors in Interior Desing (3)

5530 Environmental Factors in Interior Design (3)

5610 Furniture Design (3)

5615 Housing Programs and Policies (3)

5620 Experimental Methods in Household Equip- ment (3)

5630 Environmental Requirements for Family Work Centers (3)

5690-20-30 Problems in Related Art, Crafts and Interior Design (1-3, 1-3, 1-3)

5910-20-30 Seminar in Related Art, Crafts and Interior Design (1-3, 1-3, 1-3)

The following periodically are offered only at the Arkansas School of Crafts, Gatinburg, Tennessee:

2211 Creative Design (1-4) Content same as 2210. May be repeated for credit.

3311 Metal Design (1-4) Content same as 3310. May be repeated for credit.

3321 Metal Design (1-4) Content same as 3320. May be repeated for credit.

3331 Metal Design (1-4) Content same as 3330. May be repeated for credit.

3411 Weaving (1-4) Content same as 3410. May be repeated for credit.

3421 Weaving (1-4) Content same as 3420. May be repeated for credit.

3431 Weaving (1-4) Content same as 3430. May be repeated for credit.

3511 Textile Design (1-4) Content same as 3510. May be repeated for credit.

3521 Textile Design (1-4) Content same as 3520. May be repeated for credit.

3611 Wood Design (1-4) Content same as 3610. May be repeated for credit.

3621 Wood Design (1-4) Content same as 3620. May be repeated for credit.

3711 Enameling (1-4) Content same as 3710. May be repeated for credit.

3721 Enameling (1-4) Content same as 3720. May be repeated for credit.

4311 Crafts in America (1-4) Content same as 4310. May be repeated for credit.

4411 Craft Media (1-4) Content same as 4410. May be repeated for credit.

4421 Leather Design (1-4) Content same as 4420. May be repeated for credit.

4431 Plastics (1-4) Content same as 4430. May be repeated for credit.

4511-21-31 Ceramics (1-4, 1-4, 1-4) Content same as 4510-20-30. May be repeated for credit.

4621 Studio Problems in Leather Design (1-4) Content same as 4620. May be repeated for credit.

4631 Studio Problems in Metal Design (1-4) Content same as 4630. May be repeated for credit.

4641 Studio Problems in Weaving (1-4) Content same as 4640. May be repeated for credit.

4651 Studio Problems in Textile Design (1-4) Content same as 4650. May be repeated for credit.

4661 Studio Problems in Wood Design (1-4) Content same as 4660. May be repeated for credit.

4671 Studio Problems in Enameling (1-4) Content same as 4670. May be repeated for credit.

4681 Studio Problems in Plastics (1-4) Content same as 4680. May be repeated for credit.

4691 Studio Problems in Ceramics (1-4) Content same as 4690. May be repeated for credit.

5331 Craft Design (1-4)

5411 Advanced Problems (1-4)

5441-51-61 Metal Design (1-4, 1-4, 1-4)

5442-52-62 Weaving (1-4, 1-4, 1-4)

5443-53-63 Textile Design (1-4, 1-4, 1-4)

5444-54-64 Wood Design (1-4, 1-4, 1-4)

5445-55-65 Enameling (1-4, 1-4, 1-4)

5446-56-66 Plastics (1-4, 1-4, 1-4)

5447-57-67 Ceramics (1-4, 1-4, 1-4)
Food Science, Nutrition, and Food Systems Administration

Professors:
M. R. Gram (Head), Ph.D. California (Berkeley); R.E. Beauchene, Ph.D. Kansas State; M.R. Buckley (Emeritus); M.A. Columbia; A.M. Campbell, Ph.D. Cornell; G.E. Goertz, Ph.D. Kansas State; E.B. Green (Emeritus), M.S. Columbia; M.J. Hitchcock, Ph.D. Wisconsin; F.L. Macleod (Emeritus), Ph.D. Columbia; L.M. Odiand; Ph.D. Wisconsin, D.Sc. Rhode Island; J.R. Savage, Ph.D. Wisconsin; F.A. Schofield (Emeritus); Ph.D. Michigan; J.T. Smith, Ph.D. Missouri.

Associate Professors:
B.L. Beach, Ph.D. Wisconsin; D.W. Hubbard, Dr. P.H. Turaine; O.E. Lyon, M.S. Cornell; M.A. Smith, Ph.D. Tennessee; M.N. Traylor, M.S. Georgia.

Assistant Professors:
M.A. Bass, Ph.D. Kansas State; G.W. Disney, Ph.D. Tennessee; R.L. Mason, M.S. Tennessee; M.P. Penfield, Ph.D. Tennessee; M.N. Perry, Ph.D. Tennessee;

Instructors:

Food Science (386)
UNDERGRADUATE

1010 Food Principles (3) Principles of food selection, preparation and service. 2 hrs and 1 lab.

2000 Cultural and Scientific Aspects of Foods and Nutrition (3) Cultural and scientific aspects of foods and nutrition as applied to the individual and community. Must be taken concurrently with Nutrition 2000. Prereq: 12 hours of natural science.

2510 Nature of Food I (3) Classification on basis of composition, type of systems, structure, and consistency, source, food components and their interrelationships. Prereq: 1010, Chemistry 1530 or equivalent, 2 hrs and 1 lab.

3020 Food and the Consumer (3) Economic considerations in food management, including food legislation, quality, consumer acceptability, and convenience. Prereq: 3 hrs Economics. 2 hrs and 1 lab.

3510 Nature of Food II (3) Food composition in relation to response of foods to heat, microwave, enzymatic action, and physical and chemical treatments. Prereq: 2510, Nutrition 3510 or Nutrition 3000. 2 hrs and 1 lab.

4000 Origin of Food and Foodways (3) Food origin and development of individual and group foodways. Prereq: 8 hrs social science or humanities.

4010 Introductory Experimental Food Science (3) Physical and sensory evaluation in experimentation with fats, high protein foods, and batter and dough systems. Prereq: 3510. 2 hrs and 1 lab.

4202 Experimental Food Science (3) Individual experimentation and its relation to research literature. Prereq: 4010, Nutrition 3320 recommended. 1 hr and 2 labs.

4210 Food in Contemporary Society (3) Consumer's options, responsibilities, and potential influence with respect to food supply.

4520 Field Experience (3-15) Planned educational experience in selected food industry laboratories. Prereq: Consent of instructor. Hrs and credit arranged.

4710 Contemporary Developments (1-3) Student or staff initiated course for study of special topics(s) pertinent to the field; topics selected to be determined by students and instructor with departmental approval. Elective credit only. Prereq: Permission of instructor. May be repeated with departmental approval for credit up to 9 hrs.

4800 Current Topics (1-3) Assigned reading and group discussion of research literature. Hours and credit arranged. Prereq: 4010, or permission of instructor.

4900 Seminar (1-3) Individual review, organization and reporting of literature on selected topics. May be repeated for credit. Prereq: 4010; or consent of instructor. Hrs and credit arranged.

4978 Honors: Food Science (1-3) Special problems for juniors and seniors showing special ability and interest in food science. May be repeated for credit. Hrs and credit arranged.

GRADUATE

5000 Thesis

5140 Foods and Nutrition: Physicochemical Principles (3)

5510 Food Texture (3)

5520 Food Sensory Testing Methods (3)

5530 Advanced Experimental Food Science (3)

5550 Food Behavior of the Individual (3)

5560 Foodways in the United States (3)

5610-20 Advanced Food Science (3, 3)

5630 Carbohydrates and Fats in Relation to Food Science (3)

5640 Proteins in Relation to Food Science (3)

5700 Current Programs and Trends in Food Science (1-3)

5800 Problems in Food Science (1-3)

5850 Field Experience (3-9)

5900 Seminar in Food Science (1-3)

6000 Doctoral Research and Dissertation

6110 Advanced Topics in Food Science (3)

6210 Food Dispersions (3)

6310-20 Structure of Food Plants and Animal Tissue (3, 3)

6510-20 Food and Socio-Cultural Change (3, 3)

6900 Seminar (1-3)

Nutrition (726)
UNDERGRADUATE

1230 Elementary Nutrition (3) Principles and applications to everyday living.

2000 Cultural and Scientific Aspects of Foods and Nutrition (3) Cultural and scientific aspects of foods and nutrition as applied to the individual and the community. Must be taken concurrently with Food Science 2000. Prereq: 12 hours of natural science.

2710 Family Health Promotion (4) Management of family health throughout the life cycle with emphasis on family health status, health promotion and maintenance, health care delivery system, and prevention of illness. (Same as Nursing 2710)

3000 Nutrition Science (3) Basic nutrients as chemical entities. Prereq: Chemistry 1510-20-30 or equivalent.

3020 Nutrition (3) Fundamentals of nutrition which pertain to man. Not open to graduate students or undergraduate majors in Nutrition or Food Science. Prereq: Chemistry 1510-20-30 or equivalent, Zoology 2920-30 or equivalent.

3100 Organic Chemistry (4) Emphasis on subjects leading to 3320-30, Textiles and Clothing 3320. Prereq: General Chemistry, 3 hrs and 1 lab. Not for graduate credit to Nutrition majors.

3320 Food Analysis (4) Elementary quantitative analysis; typical food analyses. Prereq: 3310 or equivalent. 3 hrs and 1 lab. Not for graduate credit to Nutrition majors.

3330 Physiological Chemistry (3) Metabolism of carbohydrates, lipids, amino acids, and minerals in metabolism. Not for graduate credit for Food Science, Nutrition, and Food Systems Administration majors.

3339 Physiological Chemistry Laboratory (1) Prereq: 3320. Coreq: 3330, 1 lab. Not for graduate credit to Nutrition majors.

3410 Science of Nutrition (5) Basic principles of nutrition; significance of recommended dietary allowances and application. Prereq: 3330-36, Zoology 2920-30; Food Science 2510; 4 hrs and 1 lab.

3810 Nutrition and the Environment (3) External conditions and influences affecting human nutrition, such as drugs, both social and therapeutic; alterations in air, soil and water; chemical additives.

3710 Individual and Family Health Problems (4) influence of long-term and socio-cultural illnesses on individual and family living throughout the life cycle. (Same as Nursing 3710).

3920 Seminar in Dietetics (1) Introduction to dietetics and to career opportunities; role of dietitian in health delivery systems. Concurrent with FSA 3920. Prereq: Junior standing.

4010 Reproductive and Developmental Nutrition (3) Nutritive requirements for expectant mothers, infants, and preschool children. Prereq: 6 hrs of nutrition. 2 hrs and 1 lab.

4020 Nutrition for Children, Adolescents and Adults (3) Application of basic principles and research findings to good nutrition for children, adolescents and adults. Prereq: 6 hrs of nutrition. 2 hrs and 1 lab.

4030 Community Nutrition (3) Nutrition problems and services in the community; supervised field experiences are integral part of course. Prereq: 6 hrs of nutrition.

4031 Clinical Experience in Dietetics (3) Supervised field experience in the community. Prereq: 4221; Coreq: 4030.

4050 Nutrition Throughout the Life Cycle (4) Application of nutrition principles throughout the life cycle with emphasis on communication of nutrition information. Prereq: 3050 or permission of instructor.
Food Systems Administration (388)
UNDERGRADUATE
2910 Seminar in Food and Lodging Administration (2) Overview of field of food and lodging and professional curriculum. Contacts with industry through field trips and guest speakers. Prereq: 3190 or 2510. Economics 2130 or consent of instructor. 3 hrs and 2 labs.
3190 Quantity Food Procurement, Production and Service (5) Application of principles necessary for determining needs, procuring, storing, producing, and serving foods in volume. Prereq: Food Science 1010 or 2510. Economics 2130 or consent of instructor. 3 hrs and 2 labs.
3220 Externship in Food and Lodging Administration (5) Planned educational experience in selected food and lodging operations. Prereq: 2910, 3190.
3310 Introduction to Food Systems Administration (3) Management functions and techniques incurred in quantity food procurement, production, and service. Observations and simulations of food systems. Prereq: Consent of instructor. Not open to Food Systems Administration majors. 2 hrs and 1 lab.
3320 Occupational Food Service Management (2) Effective use of management resources in food service systems. Prereq: 3190 or permission of instructor.
3920 Survey of Diets (1) Introduction to dietetics and to career opportunities; and role of dietitian in health delivery systems. Concurrent with Nutrition 3920. Prereq: Junior standing.
4130 Food Systems Administration (3) Functions of management applied to food service systems. Prereq: 3110.
4140 Food Systems Personnel Development (3) Development of training programs for food systems personnel. Prereq: 4130 or consent of instructor.
4150 Design and Layout of Food Service Systems (3) Design of physical facilities and selection and purchasing of equipment for food service systems. Prereq: 3110 or consent of instructor.
4210 Field Experience (5-15) Planned educational experience in selected food services or food and lodging systems. Prereq: 3110, 4130 or consent of instructor.
4250 Financial Management of Food and Lodging Systems (3) Cost analysis for control. Use of financial statements for decision making for food and lodging systems. Prereq: 4130; Accounting 2210.
4260 Food and Lodging Physical Plant, Planning and Maintenance (4) Feasibility, planning, development and construction of food and lodging physical plant and maintenance. Electrical, mechanical, heating, plumbing, air conditioning and ventilation and illumination systems. Types of building materials and construction. Prereq: 3110, 4150 or consent of instructor. 3 hours and 1 lab.
4270 Food and Lodging Information Systems (3) Qualitative and quantitative analysis of information systems for decision making in food and lodging operations. Prereq: 4130, OA 2750.
4410-20 Clinical Experience in Dietsics (3, 3, 3) Development of technical, human and conceptual skills through planned educational experiences at increasing levels of administrative responsibility in selected food systems. Must be taken in sequence. Prereq: 3110, 4410 coreq. to 4130; 4420 coreq. to 4140. Open only to students in Coordinated Undergraduate Program in Dietsics.
4710 Contemporary Developments (1-3) Student or staff initiated course for study of special topic(s) pertinent to the field; topics selected to be determined by students and instructor with departmental approval. Elective credit only. Prereq: Consent of instructor. May be repeated with departmental approval for credit up to 9 hrs.
4800 Current Topics (1-3) Assigned reading and group discussions on recent research literature. Hours may be arranged. Prereq: 3110; or permission of instructor.
3510 Family Systems: Consumer Resources (4) Application and adoption of effective management of resources with implications for role of professional in the interactions of individuals and families with society. Prereq: 3 hrs. of Economics; junior standing.

4000 Senior Seminar (2-15) Personal application of interrelated knowledge and professional competencies through experience in community service training to serve society in a professional capacity; gaining experience beneficial to chosen professional career; scope of current research and career opportunities in Home Economics; comprehension of professional ethics required of a Home Economist. May be repeated. Maximum credit 15 hours. Prereq: Junior or senior standing. Permission of department head required for credit beyond 2 hours. S/NC.

4110 Community Services Programs with Adults (3) Procedures and techniques in working with adults; individual, group and mass methods. Taken as an off-campus course of field training together with 4120. Prereq: 3110 and permission of instructor.

4120 Community Services Programs with Youth (3) Procedures and techniques in working with youth. Taken as an off-campus course of field training together with 4110. Prereq: 3110 and permission of instructor.

4130 Methods and Procedures for Community Services Work (3) Individual, group, mass and indirect methods in community services work. Prereq: 3110. 2 hrs and 1 lab.

4710 Contemporary Developments (1-3) Recent advances in specific areas of Home Economics, their implications for Home Economics and related professions. Consent of instructor. hrs. arranged. May be repeated with departmental approval for credit up to 9 hrs.

4910 International Study Tour (6) See page 140. Prereq: Consent of Instructor.

4978 Honors: Community Services Programs (3) Problems for juniors and seniors with special interest in community services programs. May be repeated. Maximum credit 9 hours. Prereq: permission of department.

GRADUATE

5060 Practicum (1-12)

5210 History and Philosophy of Home Economics (3)

5220 Development of Community Services Programs (3)

5230 Evaluation of Community Services Programs (3)

5600 Home Economics in the Community (3)

5700 Current Programs and Trends in Human Resource Development (1-3)

5800 Problems in Community Services (1-3)

5900 Seminar in Human Resource Development (1-3)

6000 Doctoral Research and Dissertation

6110-20 Theoretical Issues in Human Resource Development (3, 3)

6210 Professional Issues in Human Resource Development (3)

6310 Advanced Topics (3)

6500 Methodological Issues in Home Economics (3)

6900 Seminar (1-3)

Home Economics Education (490)

Professors: N. P. Logan (Head), Ed.D. Tennessee; I. Brown, Ph.D. Ohio State

Associate Professor: S. B. Miller, Ph.D. Ohio State.

Assistant Professor: J. H. McNinis, Ph.D. Florida State.

The Department of Home Economics Education is included as in instructional unit in the Department of Vocational-Technical Education in the College of Education (see page 106 for course offerings).

Professional subject matter courses are offered by the departments of the College of Home Economics for those preparing for secondary school teaching programs. The Home Economics Education Curriculum is designed to provide the requirements for certification in vocational home economics. The curriculum is listed on page 144.

Textiles and Clothing (971)

Professor: A. J. Tice (Head), Ph.D. Ohio State.

Associate Professors: I. M. Ford, Ph.D. Pennsylvania State; B. C. Goswami, Ph.D. Manchester (Great Britain); C. J. Finkelstein, Ph.D. Notre Dame.

Assistant Professor: M. F. Miller, Ph.D. Pennsylvania State.

Instructor: B. C. Henderson, M.S. Purdue.

UNDERGRADUATE

1150 Clothing I — Selection and Construction (5) Application of design principles in selection and construction of garments for the individual including emphasis on design and construction compatibility, pattern alteration, and fitting. 2 hrs and 3 labs. In selected courses will be required to attend an extra lab session.

2110 Fashion (3) How fashion world works, from designer to consumer; fashion trends and cycles.

3330 Textiles (3) Textile products — study of consumer selection, preference and satisfaction with emphasis on performance. For non-majors only.

3410 Cultural and Functional Aspects of Textiles and Clothing (3) Cultural, socio-psychological functional and technological developments in textiles and clothing. Prereq: 3 hrs of each of the following, or equivalent: English, Speech, Psychology, Economics, Sociology. 4 hrs sociology or anthropology or psychology.

3420 Textiles I (3) Consumer-oriented study of textiles, emphasizing fibers, fabric constructions and finishing and relation in use to, serviceability and care of apparel and household fabrics. Prereq: 12 hrs Chemistry or Physics or Biology or Botany. 2 hrs and 1 lab.

3440 Clothing II Advanced Construction (3) Comparative study and investigation of fabric designs and processes utilizing basic principles including fitting, elementary flat pattern, quick tailoring methods and costuming techniques. Prereq: 1150. 1 hr and 2 labs.

3450 Consumer Issues: Clothing for Contemporary Families (3) Problems of clothing consumption encountered during various stages of family life cycle. Prereq: Junior standing.

3460 Design Analysis I (3) Interpretation of dress design terminating in finished garments developed through media of flat pattern.

3470 Tailoring (4) Evaluation and use of tailoring methods in selection, fitting and completion of tailored wool garments. Prereq: 3440. 3 labs.

3480 Historic Costume (3) Development of costume from ancient to modern times with consideration of dramatic, historical and economic settings.

3510 Fashion Merchandising: Planning and Control (3) Analysis of fashion merchandising problems focusing on application of decision mechanisms. Prereq. or coreq: 2110 and Accounting 2110.

4010 Textiles II (3) Recent textile developments with emphasis on man-made fibers, new construction techniques and finishes. Opportunity for individual investigation. Prereq: 3420.

4110 Fashion Buying (3) Analysis of buying practices, procedures, activities, techniques and underlying concepts fundamental to fashion merchandising. Prereq: 3510.


4140 Introduction to Textile Testing Methods (3) Methods and equipment used in physical testing as approved by recognized textile groups. Prereq: 3420. 1 hr and 2 labs.

4210 Elementary Textile Microscopy (3) Microscopic techniques as applied to study of textile fibers and fabrics. Prereq: 4010. 1 hr and 2 labs.

4220 Textile Fiber Chemistry (4) Chemistry of textile fibers with emphasis on structure, preparation and reactions. Implications relating to dyeing and finishing of fabrics. Prereq: one quarter of organic chemistry. 3 hrs and 1 lab.

4230 Theory and Interpretation of Fashion Design I (3) Analysis and appreciation of historical, sociological, cultural and environmental sources of costume design interpretation with emphasis on original contemporary design. Prereq. or coreq: 1150, 3410, and 3480. 2 hours and 1 lab.

4240 Design Analysis II (3) Interpretation of dress design terminating in finished garments developed through the media of draping.

4510 Teaching Materials (3) Investigation, preparation and evaluation of teaching materials. For students planning to teach or do home demonstration work. Prereq: 3440; senior standing. 1 hr and 2 labs.

4620 Introduction to Field Experience in Merchandising (1) Interviews with store personnel, placement and planning for field experience. Prereq. Economics 2110-2120, junior standing, major in merchandising, approval of program coordinator. Open only to students who intend to enroll in 4630-40.

4630 Field Experience in Merchandising (9) Off-campus supervised experience in a cooperative program with business establishments which merchandise textiles and/or apparel. Prereq. 4620, senior standing, major in merchandising. Coreq. 4640. Offered fall quarter only.

4640 Methods in Field Experience (6) Investigation of training systems and store organization analyses of problem and evaluation of field experience. Prereq. 4620, senior standing, major in merchandising. Coreq. 4630. Offered fall quarter only.


4710 Contemporary Developments (1-3) Student or staff initiated course for study of special topic(s) pertinent to the field; topics selected to be determined by majority vote of students and instructor; with departmental approval. Elective credit only. Prereq. Permission of instructor. May be repeated with departmental approval for credit up to 9 hrs.

4978-88-98 Honors: Textiles and Clothing (3, 3, 3) Individual problems for juniors and seniors showing special ability and interest in textiles and clothing. Admission only upon recommendation of head of department. hrs. arranged.

GRADUATE

5000 Thesis

5110 Textile Testing and Methods of Research in Textiles (3)

5510 Advanced Problems in Textiles and Clothing (3)
5130 Advanced Tailoring (3)
5150 Principles of Design Analysis (3)
5160 Review of Literature (3)
5170 Social, Psychological and Economic Aspects of Clothing (3)
5180 Advanced Textile Economics (3)
5210 Evaluation of Instructional Materials in the Field of Textiles and Clothing (3)
5220 Historic Textiles (3)
5240 Practicum (1-9)
5250-60-70 Problems in Textile Chemistry (4, 4, 4)
5310 Fashion Analysis (3)
5320 Problems in Historic Costume (3)
5800 Problems in Textiles and Clothing (1-3)
5900 Seminar in Textiles and Clothing (1-3)
6010 Advanced Studies in Textiles and Clothing (3)
6110 Selected Issues in Textiles and Clothing (3)
6910 Seminar in Textiles and Clothing (1-3)