College of Home Economics

Lura M. Odland, Dean
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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 three colleges of home economics in the nation in enrollment and second 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, and 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; Home Economics Education; 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 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. The Nursery School through Grade Three program offered jointly with the College of Education provides certification for teachers in early childhood education.

Each Summer the craft workshops in Gatlinburg, Tennessee, are made possible through cooperative efforts between the Department of Crafts, Interior Design, and Housing and the Pi Beta Phi Arromont School of Crafts. The Pi Beta Phi Sorority provides the funds, the facilities and the management for Arromont. The University of Tennessee, Knoxville, College of Home Economics, Department of Crafts, Interior Design, and Housing appoints the instructors, and provides for the administration of craft classes with appropriate accreditation. In addition to providing advanced instruction in designer-created crafts through classes taught by nationally known craftpersons, the craft workshops have expanded to a full-fledged program serving as a training center for artists and craftpersons from throughout the United States. Also, cooperation with national and local craft organizations has so stimulated the work of craftpersons.
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 selecting and caring 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 Department of Food Science, Nutrition, and Food Systems Administration 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 in food industries 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 Administration 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 Administration 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 liaison is maintained 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 opportunity 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, evening courses, and special video-tape and tele-lecture courses. Individually planned graduate programs should be arranged with the appropriate department heads.

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 a day care center for group care of children 2 to 6 years of age. The Family Life Center provides office and classroom space.

A 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 Department of Crafts, Interior Design, and Housing 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, yarn, 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—Nursery School through Grade Three—was recently approved for the Department of Child and Family Studies (College of Home Economics) and the Department of Curriculum and Instruction (College of Education). In addition to preschool education, graduates are certified to teach Kindergarten through Third Grade.

Educational Programs in 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 4110-20 Field Studies in the summer quarter (see page 58 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
Option 3—Nursery School—Grade 3
Crafts, Interior Design, and Housing (CIDH)
Option 1 — General Professional
Option 2 — Professional Interior Design
Option 3 — General Crafts
Option 4 — Crafts Specialization

Food Science, Nutrition, and Food Systems Administration (FSNFSM)
Option 1 — Food Science
Option 2 — Nutrition Science
Option 3 — Community Nutrition
Option 4 — Coordinated Undergraduate Program in Dietetics (ADA)
Option 5 — Food and Lodging Administration

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 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 forty-five quarter hours of work (three 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 the 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 requirements before transferring to the College of Home Economics.

Students wishing to transfer 36 or more credit hours of the course work 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 adviser for program planning.

A normal student load per quarter is 15-16 hours. The maximum load is 21 credit hours per quarter (18 hours maximum for the Coordinated Undergraduate Program in Dietetics) 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 average in course work), the student 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 for elective credit only, a course (outside the specific requirements of the College of Home Economics and outside the major department) in which the student 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 the major by minimizing the concern of the student’s concern that 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 could 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 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 to 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, 3000 for sophomores, 4000 for juniors, 5000 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, 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 four courses are fundamental to home economics and are required in all curricula:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
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<tbody>
<tr>
<td>Home Economics 1510 Family First</td>
<td>4</td>
</tr>
<tr>
<td>Systems: Human Development</td>
<td></td>
</tr>
<tr>
<td>Quarter</td>
<td></td>
</tr>
<tr>
<td>Freshman</td>
<td></td>
</tr>
<tr>
<td>Home Economics 1520 Family Freshman</td>
<td>4</td>
</tr>
<tr>
<td>Systems: Aesthetic Environment</td>
<td></td>
</tr>
<tr>
<td>Home Economics 2510 Family Sophomore</td>
<td>4</td>
</tr>
<tr>
<td>Systems: Physiological Well-being</td>
<td></td>
</tr>
<tr>
<td>Home Economics 3510 Family Junior</td>
<td>4</td>
</tr>
<tr>
<td>Systems: Consumer Resources</td>
<td></td>
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</tbody>
</table>

Professional Curriculum in Child and Family Studies

The Department of Child and Family Studies is concerned with the development, study and practice of services which aim at the welfare of men and women, 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 pre-schools, public 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, social work, administration, research and clinical services). All options provide a 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 centers for early childhood education, and other early childhood positions in social work, or preparation for graduate school.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
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<tbody>
<tr>
<td>Freshman Child and Family Studies</td>
<td>3</td>
</tr>
<tr>
<td>2110</td>
<td></td>
</tr>
<tr>
<td>Home Economics 1510</td>
<td>4</td>
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<td>Home Economics 1520</td>
<td>4</td>
</tr>
<tr>
<td>'Natural Science</td>
<td>12</td>
</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics 1540</td>
<td>4</td>
</tr>
<tr>
<td>Philosophy 1510 or 2510 or 2520 or</td>
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</tr>
<tr>
<td>2310 or upper division foreign</td>
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</tr>
<tr>
<td>language</td>
<td></td>
</tr>
<tr>
<td>Music 1210 or Art 1815 or 1825</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
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Sophomore

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
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</thead>
<tbody>
<tr>
<td>Literature Elective</td>
<td>4</td>
</tr>
<tr>
<td>'Nutrition 12200-2221</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Elective</td>
<td>2</td>
</tr>
<tr>
<td>Speech 1221 or 2021 or 2351</td>
<td>4</td>
</tr>
<tr>
<td>Physical or Biological Science</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>'Social Sciences</td>
<td>16</td>
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<tr>
<td>History or Political Science</td>
<td>4</td>
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<tr>
<td>Elective</td>
<td>10</td>
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Junior

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CFS 3110-25</td>
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<tr>
<td>CFS 3120 or Library Science 3150</td>
<td>3</td>
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<tr>
<td>CFS 3210-20</td>
<td>6</td>
</tr>
<tr>
<td>CFS 4220 or 4830</td>
<td>3</td>
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<tr>
<td>CFS 3510 or 3515</td>
<td>3</td>
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<tr>
<td>Home Economics 2510</td>
<td>4</td>
</tr>
<tr>
<td>Economics 2110</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy or Religion Studies</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Special Education 3333</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education 3560 or 3570</td>
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<tr>
<td>Public Health 3210</td>
<td>4</td>
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<tr>
<td>Electives</td>
<td>7-8</td>
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<tr>
<td>Course</td>
<td>Hours</td>
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<tr>
<td>CFS 4110</td>
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<tr>
<td>CFS 4230</td>
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<tr>
<td>CFS 4260 or 4430 or 4810</td>
<td>3</td>
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<tr>
<td>CFS 4350</td>
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<tr>
<td>CFS 4410</td>
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<td>CFS 4620</td>
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<tr>
<td>CFS 4210 or CIDH 4320</td>
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<tr>
<td>Home Economics 3510</td>
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<tr>
<td>Electives</td>
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</table>

**TOTAL: 191 Hours**

Twelve hours selected from the following:
- Requirement may be satisfied by Mathematics 3000 or Psychology 3150 to be taken the junior year.
- Requirement may be satisfied by Nutrition 3200 to be taken in junior year.
- Selected from at least two of the following areas: Psychology 2500, 2530, 2540, Sociology 1510-20, Anthropology 2510, 2520, 2530.

**OPTION 2. HUMAN DEVELOPMENT AND FAMILY STUDIES**

This option is for undergraduate CFS majors who want a general background in individual and family studies. This option does not prepare for a career in preschool 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</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Home Economics 1510</td>
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<tr>
<td>Child and Family Studies 2120</td>
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<td>Home Economics 1520</td>
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<td>4</td>
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<tr>
<td><em>Natural Science</em></td>
<td>12</td>
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<tr>
<td>English 1510-20</td>
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<tr>
<td>*Mathematics 1540</td>
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<tr>
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<tr>
<td>or 2520 or 2310 or upper division foreign language</td>
<td>4</td>
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<tr>
<td>Music 1210 or 1815 or 1825</td>
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<td></td>
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<tr>
<td>Electives</td>
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<td>6</td>
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</tbody>
</table>

**Sophomore**

- *Child and Family Studies 2120* | 3 |
- Literature Elective | 4 |
- Nutrition 1230 | 3 |
- Home Economics 2510 | 3 |
- Physical Education Elective | 2 |
- Speech 1221 or 2021 or 2351 | 4 |
- Physical or Biological Science Elective | 4 |
- Social Sciences | 16 |
- History or Political Science Elective | 4 |
- Elective | 4 |

**Junior**

- CFS 2410 or Sociology 3150 | 3-4 |
- CFS 3210 | 3 |
- CFS 3220 | 3 |
- CFS 3510 | 3 |
- CFS 3615 | 3 |
- CFS 3520 | 3 |
- Home Economics 3510 | 3 |
- Economics 2110 | 3 |
- History or Political Science Elective | 4 |
- Philosophy or Religious Studies Elective | 4 |
- Electives | 14-15 |

**Senior**

- CFS 3220 or 4230 or 4350 | 3 |
- CFS 4610 | 3 |
- CFS 4110-4111 | 9 |
- Elective | 3 |
- Electives | 5 |

**TOTAL: 191 Hours**

**Courses should be chosen from:** Biology 1210 or 1220 or 1230 or Botany 1110 or 1120 or Zoology 2620 or 2930.
**Courses should be chosen from:** Philosophy 1510 or 2510 or 2520 or Religious Studies 2510 or 2611 or 2620.
**Nutrition 1230 recommended.**
**Courses should be chosen from:** Chemistry 1110, 1510, 1610 (choose one) or 1120, 1520, 1620 (choose one), or Geology 1510 or 2510 or 2210, or Astronomy 2110 or 2120, or Physics 1210 or 1220 or 1410 or 1420.
**Courses should be chosen from:** Any 2000 level English literature course.
**Courses should be chosen from:** Anthropology 2530 or 3410 or Human Services 2690, 3100, 3200, 3300 or Psychology 2500, 2530 or 3616 and 3636, or Sociology 1510, 1520, 3410, or 3420.
**Course should be chosen from:** Any course in areas of anthropology, economics, geography, human services, political science, psychology, sociology.

**Crafts, Interior Design, And Housing**

Acquisition and Exhibition

The department reserves the right of acquisition and exhibition of work completed in its studios under the guidance of the faculty.

**OPTION 1. GENERAL PROFESSIONAL**

This general curriculum is designed for students preparing for positions in business, educational and public service programs and provides background for advanced study in crafts, interior design and housing.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>Chemisty 1110-20-30 or 1510-20-30</td>
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<tr>
<td>English 1510-20</td>
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<tr>
<td>Food Science 1010</td>
<td>3</td>
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<tr>
<td>Home Economics 1510</td>
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<tr>
<td>Home Economics 1520</td>
<td>4</td>
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<tr>
<td>Humanities</td>
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<td>Social Science Electives</td>
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<tr>
<td>Elective</td>
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</tr>
<tr>
<td>CIDH 1419</td>
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</tbody>
</table>

**Sophomore**

- Home Economics 2510 | 4 |
- English 2510 and 2530 or 2540 | 8 |
- Psychology 2500 and 2530 or 2540 | 8 |
- Sociology 1510 | 4 |
- Speech 2311 | 4 |
- Zoology 2920-30 | 8 |
- Electives | 3 |

**Junior**

- Food Science 3020 | 3 |
- CFS 3420 | 3 |
- Microbiology 2010 | 4 |
- Nutrition 3020 | 4 |
- CIDH 3110 | 3 |
- CIDH Electives | 6 |
- Social Science Elective | 4 |
- Textiles and Clothing 3420 | 3 |
- Home Economics 3510 | 4 |
- Electives | 14 |

**Senior**

- CFS 3210 or 3520 | 3 |
- CFS 3510 or 3550 | 3 |
- CIDH 4320 | 3 |
- Humanities and Social Science Electives | 6 |
- CIDH 4410 | 4 |
- Electives | 16 |

**TOTAL: 189 Hours**

*Selected from anthropology, political science, history.*
OPTION 2. PROFESSIONAL INTERIOR DESIGN

The following curriculum provides for those students who are primarily interested in becoming professional interior designers.

**Freshman**
- Home Economics 1510: 4
- Home Economics 1520: 4
- CIDH 4119: 4
- Art 1115: 8
- Science Electives: 12
- English 1510: 8

**Sophomore**
- English 2510: 4
- CIDH 2115: 12
- CIDH 3125: 5
- CIDH 3130: 3
- Speech 2311: 4
- Economics 2110: 5
- Home Economics 2510: 6
- Electives: 8

**Junior**
- Psychology 2500 or 2530: 8
- Marketing 3110: 4
- Textiles and Clothing 3420: 3
- CIDH 3280: 3
- CIDH 3255: 12
- Home Economics 3510: 4
- Electives: 13

**Senior**
- Collateral Area Electives: 8
- CIDH 4320: 3
- CIDH 4110: 3
- CIDH 4310: 3
- CIDH 4130: 3
- CIDH 4155: 12
- Textiles and Clothing 5220: 3
- Art 3745: 5
- Electives: 5

**OPTION 3. GENERAL CRAFTS**

**Freshman**
- Home Economics 1510: 4
- Home Economics 1520: 4
- Chemistry 1510-20-30: 12
- English 1510-20: 8
- Art 1815-25: 8
- Art History Elective: 4
- Psychology 2500: 4
- CIDH 1419: 2

**Sophomore**
- Home Economics 2510: 4
- English 2510-20: 8
- Sociology 1510: 4
- CIDH 2210: 4
- Art 1115-25-35: 12
- Economics 2110-20: 6
- CIDH 3130: 3
- CIDH Craft Electives (Beginning): 8

**Junior**
- Home Economics 3510: 4
- CIDH 4410: 4
- Art Education 4150: 4
- Art 2515 or 2415: 4
- CIDH 3110: 3
- Speech 2311 or Journalism 2210: 4 or 3
- CIDH Craft Electives
  (Beginning and Advanced): 16
- CIDH 4140: 4
- Humanities and Social Science Electives: 8

**Senior**
- CIDH 4130: 3
- CIDH 4310: 3
- Art History and/or Education Electives: 7
- CIDH Craft Electives: 16
- Electives: 16 or 17

**TOTAL: 191 Hours**

**OPTION 4. CRAFTS SPECIALIZATION (Fiber, Metal, Wood and Clay)**

**Freshman**
- Home Economics 1510: 4
- Home Economics 1520: 4
- Chemistry 1510-20-30: 12
- English 1510-20: 8
- Art 1815-25: 3
- Art History Elective: 4
- Psychology 2500: 4
- CIDH 1419: 2
- Elective: 4

**Sophomore**
- Home Economics 2510: 4
- English 2510-20: 8
- Sociology 1510: 4
- CIDH 2210: 4
- Art 1115-25-35: 12
- Economics 2110-20: 6
- CIDH 3130: 3
- CIDH Craft Electives (Beginning): 8

**Junior**
- Home Economics 3510: 4
- CIDH 4410: 4
- Art Education 4150: 4
- Art 2615 or 2415: 4
- CIDH 3110: 3
- Speech 2311 or Journalism 2210: 4 or 3
- CIDH 4140: 4
- CIDH Craft Electives (Beginning and Advanced) including 8 hours in area of concentration: 16

**TOTAL: 190 Hours**

**Professional Curriculum in the Department of Food Science, Nutrition, and Food Systems Administration**

- **Senior**
  - CIDH 4130: 3
  - CIDH 4310: 3
  - Art History and/or
  - Art Education Electives: 7
  - CIDH Craft Electives (Beginning and Advanced) including 8 hours in area of concentration: 16
  - Humanities and Social Science Electives: 8
  - Electives: 12 or 13
  - **TOTAL: 190 Hours**

**OPTION 1. FOOD SCIENCE**

- The food science curriculum is concerned with relating the cultural and scientific aspects of food science to people and their environment. Emphasis is placed on the application of the social sciences to world food 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. Information concerning modifications necessary to meet academic requirements of the American Dietetic Association is available from the department.

**Freshman**
- Chemistry 1110-20-30 or 1510-20-30: 12
- English 1510-20: 8
- Food Science 1010: 3
- Home Economics 1510: 4
- Home Economics 1520: 4
- Mathematics 1540-50 or 1840-50: 8
- Psychology 2500: 4
- Electives: 4
Application and selection by a faculty committee required to enter Sophomore year.

**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics 2110, 2130</td>
<td>6</td>
</tr>
<tr>
<td><em>English</em> 2510 or 2520 or 2530 or 2540</td>
<td>4</td>
</tr>
<tr>
<td>Food Science 2510</td>
<td></td>
</tr>
<tr>
<td>Home Economics 2510</td>
<td>4</td>
</tr>
<tr>
<td>Journalism 2210</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology 2010</td>
<td>4</td>
</tr>
<tr>
<td>Speech 2311</td>
<td>4</td>
</tr>
<tr>
<td>Zoology 2920-30</td>
<td>8</td>
</tr>
<tr>
<td>Electives</td>
<td>12</td>
</tr>
</tbody>
</table>

**Senior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child and Family Studies 3420 or 4210 or 4830</td>
<td>3</td>
</tr>
<tr>
<td>Food Science 3520, 3510, 4010</td>
<td>9</td>
</tr>
<tr>
<td>Home Economics 3510</td>
<td>4</td>
</tr>
<tr>
<td>Nutrition 3310-20-30-39</td>
<td>12</td>
</tr>
<tr>
<td>Electives in Social Science</td>
<td>8</td>
</tr>
<tr>
<td>Electives</td>
<td>12</td>
</tr>
</tbody>
</table>

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Science 4000, 4040</td>
<td>6</td>
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<tr>
<td><em>Food Science</em> 4020</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition 3410</td>
<td>5</td>
</tr>
<tr>
<td>Elective in Food Science, Food Systems Administration or Food Technology</td>
<td>3</td>
</tr>
<tr>
<td>Electives in Humanities</td>
<td>8</td>
</tr>
<tr>
<td>Electives</td>
<td>22</td>
</tr>
</tbody>
</table>

TOTAL: 190 Hours

- Or English 2590 or 2570 or 2580.
- Or 4800 or 4975 by arrangement with instructor.

**OPTION 2. 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 college teachers and researchers or who are interested in graduate study and/or a dietetic internship, to become a clinical nutrition specialist.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1110-20-30 or 1510-20-30</td>
<td>12</td>
</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
</tr>
<tr>
<td>Food Science 1010</td>
<td>3</td>
</tr>
<tr>
<td>Home Economics 1510</td>
<td>4</td>
</tr>
<tr>
<td>Home Economics 1520</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 1540</td>
<td>4</td>
</tr>
<tr>
<td>Nutrition 1280</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
</tr>
<tr>
<td>Sociology 1510</td>
<td>4</td>
</tr>
</tbody>
</table>

Electives and selection by a faculty committee required to enter Sophomore year.

**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics 2110-20 or 30</td>
<td>6</td>
</tr>
<tr>
<td><em>English</em> 2510 or 2520 or 2530 or 2540</td>
<td>4</td>
</tr>
<tr>
<td>Home Economics 2510</td>
<td>4</td>
</tr>
<tr>
<td>Journalism 2210</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition 3310-20-30-39</td>
<td>12</td>
</tr>
<tr>
<td>Physical Education Activity Elective</td>
<td>2</td>
</tr>
<tr>
<td>Speech 2311</td>
<td>4</td>
</tr>
<tr>
<td>Zoology 2920-30</td>
<td>8</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL: 188 Hours

- Or English 2560 or 2570 or 2580.

**OPTION 3. COMMUNITY NUTRITION**

This curriculum is designed for those students interested in community services or graduate work in public health nutrition.

**Freshman**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1110-20-30 or 1510-20-30</td>
<td>12</td>
</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
</tr>
<tr>
<td>Food Science 1010</td>
<td>3</td>
</tr>
<tr>
<td>Home Economics 1510</td>
<td>4</td>
</tr>
<tr>
<td>Home Economics 1520</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 1540</td>
<td>4</td>
</tr>
<tr>
<td>Nutrition 1280</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
</tr>
<tr>
<td>Sociology 1510</td>
<td>4</td>
</tr>
</tbody>
</table>

Electives and selection by a faculty committee required to enter Sophomore year.

**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics 2110-20 or 30</td>
<td>6</td>
</tr>
<tr>
<td><em>English</em> 2510 or 2520 or 2530 or 2540</td>
<td>4</td>
</tr>
<tr>
<td>Home Economics 2510</td>
<td>4</td>
</tr>
<tr>
<td>Journalism 2210</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition 3310-20-30-39</td>
<td>12</td>
</tr>
<tr>
<td>Physical Education Activity Elective</td>
<td>2</td>
</tr>
<tr>
<td>Speech 2311</td>
<td>4</td>
</tr>
<tr>
<td>Zoology 2920-30</td>
<td>8</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL: 188 Hours

- Or English 2560 or 2570 or 2580.

includes a two-year preprofessional sequence that meets general education requirements and prerequisites for professional courses, and a professional phase in the junior and senior years. The junior year provides an introduction to dietetics, basic knowledge in food science, nutrition, and food systems administration, and research techniques. The senior year consists of advanced work in dietetics. During the professional phase, academic courses are coordinated with planned experiences in selected hospitals and community facilities.

**Admission and Progression Policies**

A student may be admitted to the program at any stage provided all requirements or equivalents of the program up to that time, as well as University of Tennessee and College of Home Economics standards, have been satisfactorily met. Preprofessional courses may be taken at the University of Tennessee, Knoxville, or any accredited junior or senior college or community college. The program has been planned to permit transfer students to apply prior to the beginning of the junior year. Applications should be made to the Program Director by April 1.

Criteria for selection include (1) evidence that the student will successfully complete the two-year preprofessional phase; (2) an overall GPA of 2.2 or higher; (3) personal interview; and (4) recommendations from faculty of selected preprofessional courses. The number of qualified students accepted into the Coordinated Undergraduate Program in Dietetics is contingent on the number of clinical sites available. Criteria for admission must be maintained throughout the preprofessional phase. Exception to criteria may be made by petition to the Program Director. Criteria for progression in the professional phase junior and senior years will include (1) satisfactory completion of each required professional course as scheduled with a minimum grade of C; (2) periodic evaluation of competency-level by academic and clinical faculty; (3) periodic evaluation of professional competency by peers; and (4) participation in voluntary professional activities. The maximum credit hours per quarter carried should not exceed 18 hours without special permission from the Program Director. Exceptions to the above may be made by petition to the Program Director.

Upon satisfactory completion of the program, students receive the Bachelor of Science Degree in Home Economics, and are eligible for membership in the American Dietetic Association and to apply for the registration examination to qualify as a Registered Dietitian (R.D.)
A student unable to enter or to complete the Coordinated Undergraduate Program in Dietetics (Option 4) may select Food Science (Option 1), Nutrition Science (Option 2), or Community Nutrition (Option 3) to fulfill the academic requirements for a dietetic internship or traineeship. Upon completion of the academic requirements and the dietetic internship or traineeship, students would be eligible for membership in the American Dietetic Association and to apply for the registration examination to qualify as a Registered Dietitian (R.D.).

### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1510-20-30</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>English 1510-20</td>
<td>8</td>
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<tr>
<td>Food Science 1010</td>
<td>4</td>
<td></td>
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<tr>
<td>Home Economics 1510-20</td>
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</tr>
<tr>
<td>Mathematics 1540</td>
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<tr>
<td>Sociology 1510</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Psychology 2500</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Speech 2311 or Journ. 2210</td>
<td>4 or 3</td>
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</table>

### Sophomore

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statistics 2100</td>
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<tr>
<td>Home Economics 2510</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>English 2510 or 2520 or 2530</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Accounting 2110-20</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Science Administration 3110</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Sociology 1510</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Psychology 2520 or 2530</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 3110</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Junior

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Economics 3510</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 4260</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Business Law 4110</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 4140</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 4270</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 4210</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting 2210</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Computer Science 1410</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Senior

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Economics 3510</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 4260</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Business Law 4110</td>
<td>3</td>
<td></td>
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<tr>
<td>Food Systems Administration 4140</td>
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<tr>
<td>Food Systems Administration 4270</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Systems Administration 4210</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Total Hours

**Freshman**

- Natural Science Electives (12 hr. sequence) from one of the following areas: Biology 1210-20-30, Chemistry 1510-20-30, or Physics 1410-20-30.
- *Food Science 2510 requires Chemistry 1510.*

**Sophomore**

**Junior**

**Senior**

**Total: 190 Hours**

### Professional Curriculum in Vocational Home Economics Education

The curriculum in vocational home economics education is planned in cooperation with the College of Education. 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 94. The State Board for Vocational Education and the United States Office of Education approve 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.

### OPTION 1. FOOD SERVICES

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

### OPTION 2. CHILD CARE AND GUIDANCE ENDORSEMENT

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFS 3110, 3120</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>CFS 4420 or 4610</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HEED 4509</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### OPTION 3. CLOTHING MANAGEMENT, PRODUCTION AND SERVICES ENDORSEMENT

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Text. &amp; Clo. 3470 or 4240</td>
<td>3 or 4</td>
<td></td>
</tr>
<tr>
<td>Text. &amp; Clo. 2110 or 3510</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Text. &amp; Clo. 4010 or 4120</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Home Ec. Education 4509</td>
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<td></td>
</tr>
</tbody>
</table>

*Recommended Course*
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
- Chemistry 1510-20-30, or 1110-20-30...........12
- English 1510-20..........................8
- Home Economics 1510.........................4
- Philosophy.................................4
- Home Economics 1520.........................4
- Text. & Cl. 1100.............................2
- Text. & Cl. 1165.............................3
- Text. & Cl. 3110.............................3
- Sociology 1510..............................4
- Elective..................................4

Sophomore
- Accounting 2110.........................3
- Economics 2110-30..........................6
- Literature Elective.........................4
- Home Economics 2510.........................4
- Anthropology 2530..........................4
- Text. and Cl. 3420...........................3
- Zoology 2920-30 or
- Biology elective...........................6
- Text. & Cl. 3510.............................3
- Humanities Electives.......................8
- Electives................................4

Junior
- Psychology 3120 or Sociology 3130.............4
- Crafts, Interior Design & Housing 3130...........3
- Speech 3311.................................3
- Marketing 3110-20 and a Marketing Elective.......9
- Journalism 2210.............................9
- Home Economics 3510........................4
- Text. & Cl. 4110.............................3
- Text. & Cl. 4650.............................3
- *Text. & Cl. 4620.............................1
- Text. & Cl. 3480.............................3
- Text. & Cl. 4010.............................3
- Electives................................11

Senior
- CFS 3420................................3
- CFS 3480................................3
- Choose 6 hours from: Crafts, Interior Design,
- and Housing; Nutrition; Child and Family Studies...........6
- *Text. & Cl. 4630, 4640.....................15
- Text. & Cl. 4120............................3
- Electives................................15

TOTAL: 189 Hours

*Spring quarter only.
*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
- Chemistry 1110-20-30 or 1510-20-30...........12
- English 1510-20.............................8
- Home Economics 1510.........................4
- Psychology.................................4
- Home Economics 1520.........................4
- Text. & Cl. 1160.............................2
- Text. & Cl. 1165.............................3
- Electives................................10

Sophomore
- Chemistry 3211-19 or Nutrition 3310.............4
- English 2510 or 2520 or 2530 or 2540
- (Choose two).............................8
- Home Economics 2510.........................4
- Mathematics 1540-50-60 or 1840-50-60...........12
- Sociology 1510.............................4
- Text. & Cl. 3420.............................4
- Zoology 2920-30.............................8
- *Electives................................6

Junior
- Economics 2110, 2130........................6
- *Humanities Electives.......................4
- Journalism 2210.............................9
- Physics 2210-20 or 1210-20...............8
- Statistics 2210 or 3450.....................3
- *Home Economics 3510.......................4
- *Electives................................15

Senior
- CFS 4320.................................3
- CIDH 2430, 3130...........................6
- Text. & Cl. 3440, 3450, 3460, 5220
- (Choose Three)............................9
- Text. & Cl. 4220.............................4
- Text. & Cl. 4010, 4120, 4140, 4210...........12
- *Electives................................14

TOTAL: 191 Hours

*Or English 2560 or 2570 or 2580
*At least 30 hours must be upper division courses.
*Eight hours sequence from foreign language or philosophy or
- history or art history or music.

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.

Catalog, including the list of available
major and minor areas.

Departments of
Instruction

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

Child and Family
Studies (245)

Professors:
- J.L. Kulpers (Head), Ph.D. Michigan State;
- C. Beasly (Emeritus), Ed.D. Columbia;
- M.L. Bishop (Emeritus), Ph.D. Cornell;
- R.L. Hightberger, Ph.D. Iowa; E.L. Speer
- (Emeritus), M.A. Columbia.

Associate Professors:
- J.L. Cunningham, Ph.D. Michigan State;
- D.B. Eastwood, Ph.D. Tufts, V.M. Nordquist;
- Ph.D. Tennessee, R.M. Swagler, Ph.D.
- Ohio State.

Assistant Professors:
- M.F. Kainowski, Ph.D. Massachusetts;
- B.C. Miller, Ph.D. Minnesota; L.M. Rawlings,
- Ph.D. Pennsylvania State; H.M. Reed, M.S.
- Tennessee; P.B. Scott; L.E. Southworth, Ed.D. Tennessee;
- S.L. Twardosz, Ph.D. Kansas; P. White, Ed.D.
- Tennessee.

Instructors:
- A.E. Henderson, M.S. Cornell; N. Rieman,
- M.S. Kansas State.

1120 Management and Its Contribution to Family
Living (3) Decision-making process, relationships
among decisions; principles of organization for
implementing decisions; evaluation procedures;
- factors affecting management process; application
of management principles to family, school and
- peer group settings. 3 hrs. An additional lab (2 hrs)
- for majors.

2110 Human Socialization (3) Human development
with emphasis on socialization process from infancy
through adolescence in family, school and peer
group settings. 3 hrs. An additional lab (2 hrs)
- for majors.

2120 Male-Female Relations (3) Examination of
issues and development of communication skills and
- roles involved in relating to opposite sex. (Not open
to majors.)

2410 Human Sexuality (3) Dimensions of human
- sexuality as examined through cultural, social, and
- psychological influences.

3110 Program Planning (4) Philosophies of
- preschool education. Analysis of program and teacher-
- child interaction. Observation-Measurement Labora-
- tory. Prereq: 3210 or equivalent. 3 hours and 1
- lab.

3120 Aesthetic Experiences (3) Examination of sub-
- ject matter areas—quantity and logic, art, music,
- literature, science. Prereq: 3110.

3125 Day Care Programming for Infants and
- Preschool Children (3) Program planning for children
- from early infancy through six years in day care
- environments. Prereq: 3210 or equivalent.

3210 Child Development (3) Comprehensive view of
- the child 2 to 6 years of age. Analysis of interrela-
- tionships among various aspects of development:
- physical, cognitive, emotional and social. Prereq:
- 2110 or Home Economics 1510 or 3 hours psychol-
- ogy. 3 hrs. 1 hr observation per week.
4620 Administration of Programs for Young Children (3) Planning for staffing, housing, feeding, scheduling, and financing for child care of infants and young children, nursery school programs, and specialized programs for deprived preschool children. Prereq: 3110 or 3130 or 4110.

4630 Field Work in Child, Family and Consumer Studies (3-15) Opportunity for student 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 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: 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 in 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; the marketization of goods; grading, branding, labeling, advertising; consumer practices affecting costs; specific household commodity information.

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

GRADUATE
5000 Thesis
5002 Non-Thesis Graduation Completion (3)
5060 Practicum (1-12)
5110 Field Work in Family Life (3)
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 Family Financial Consultation (3)
5190 Standards in Consumer Protection (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 Families in Crisis (3)
5510 Survey of Research In Child and Family Studies (3)
5530 Research Methods in Child and Family Studies (3)
5540 Preschool Curriculum Models (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)
5700 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: Psychological Determinants (3)
6320 Individual and Family Development: Cognition (3)
6330 Individual and Family Development: Socialization (3)
6410 Theories of Family Interaction (3)
6430 Conceptual Frameworks for the Family (3)
6540 Seminar in Programs for Infants and Preschool Children (3)
6810-20 Applied Behavior Analysis in Natural Settings (6, 6)
6710 Elements of Consumer Choice (3)
6720 Consumer Protection (3)

Crafts, Interior Design, and Housing (269)

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

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

Assistant Professors:

Instructors:
L.A. Clinard, M.S. Tennessee; A.K. Farkas, M.A. Purdue.

Lecturers:
R. Herz, B.S. Pratt Institute; M.W. Hetrick, M.S. Tennessee.

PI BETA PHI ARROWMONT SCHOOL OF CRAFTS
(See page 150)

Lecturers, Summer 1978:

1410 Introduction to Crafts and Interior Design (3)

1410 Introduction to Crafts and Interior Design (3) Presence of art in immediate environment; design uses of family living by cultures different from ours; 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 gen-
eral awareness of immediate environment. Prereq: 1410. 1 hr and 2 labs.

2110 Fundamentals of Interior Design (3) Drawing skills, symbols, terminology, and elements used in interior design. Prereq: 1410. 1 hr and 2 labs.

2111 Design of Interior Spaces (3) Interior design in two and three dimensions, additional emphasis on symbols, tools and design terminology. Prereq: 2110 or consent of instructor. 1 hr and 2 labs.

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 space. 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) Residential space planning of micro-environments with special emphasis on perspective and rendering techniques as a means of communication of design solutions. Opportunity for individual experimentation.

2210 Creative Design (4) Comparison and criticism of existing design techniques, individual projects within limits of appropriateness; appreciation of basic art principles in selecting and combining objects; original design 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 the operation and construction of household equipment; processes and supplies involved in using and caring for equipment; recent developments in estimation of costs, simple maintenance. 1 hr and 2 labs.

3110 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.

3120 Historic Interiors (3) Furniture and interiors of the past as influenced by social, economic and political background, recent adaptations of historic design.

3125 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 sources in display, costume, and interior design for personality expression. 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 analysis as related to the client. Prereq: 3250 or consent of instructor. 1 hr and 2 labs.

3252 Commercial Interiors (3) Understanding the relationship of interior spaces to commercial structures such as offices and shops; 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 objective and subjective environments of needs; includes production of detailed construction drawings and specification of interior furnishings and finishes. Prereq: 116 or permission of instructor.

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

3260 Professional Procedures (3) Preparation of interior design majors for in-field training. Emphasis on business practices and procedures as related to interior design. Prereq: Junior standing, interior design majors, and consent of department.

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 materials, 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 techniques in a variety of looms, basic weaves and threads. Interpreting and creating drafts; designing warps for various materials, assembling and threading and tie-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, technical problems 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 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 cost; developing and using visual-aids. Prereq: Speech 2311. 1 hr and 2 labs.

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

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

3530 Fabric Structures (4) Design and construction of fabric structures through use of non-weaving processes: looping, interlocking, coiling, interknitting, interlinking, and twining. Investigation into the development of non-weaving processes utilized in development of fabric structures. Study of various historical and traditional aspects of textile design and their relationship to their potential in designing contemporary fabric forms. Prereq: 1410 or equivalent. May be repeated. Maximum credit 12 hours.

3610 Wood Design (4) Basic skills and appreciation for design developed through wood carving and the making of small household objects 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 enamelled metalwork and jewely 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; exploration of development of enameling. 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) Service of electricity in modern homes; evaluation 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 sociological influences on development of design; changing living conditions; interaction 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 exhibition concludes quarter. Prereq: 1410 or equivalent.

4150 Interior Space Planning I (3) Studies in large scale commercial interior design; apartment houses, office buildings, Junior housing, interior design. Factors that influence design of concentrated and mass spaces. Prereq: 3252 or consent of instructor. 1 hr and 2 labs.

4151 Interior Space Planning II (3) People as related to therapeutic environments. Place of craftsmen and craftpersons in society as producer, teacher, designer for industry.

4260 Professional Practice (15) Supervised field experience in establishments engaged in practice of occupations. Includes official design, craft production, research and development.

4310 Crafts in America (3) Craft movement; factors that contribute to growth and development. Educational, social, economic, recreational and industrial aspects of craft in the United States. Prereq: 4155 or permission of instructor.

4320 Family Housing Problems (3) Housing requirements of families. Reading and judging house plans for effective use of space; relationship to size and style of home needs; development of neighborhood and neighborhood improvement; financing procedures. Prereq: 6 hrs from Economics 2110-20-30.

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 inexpressive materials and tools. 3 labs.

4420 Leather Design (4) Relationship to design function, techniques, materials, usual uses 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 and environments of needs; use of tools. Prereq: 1410 or equivalent. 1 hr and 2 labs.

4510 Ceramics I (4) Possibilities and limitations of clay and clay bodies and use of tools. Designing and making pottery forms using coil, slab and throwing techniques; decorating by slip, underglaze, glazing, inlay and embossing; preparation of simple glazes; setting 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 ceramist 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 juniors and seniors with special ability and interest in leather design. May be repeated to a maximum of 12 hrs. Prereq: 12 hrs of metal design or equivalent and permission of department.

4630 Studio Problems in Metal Design (4) Problems for juniors 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 juniors and seniors with 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 juniors and seniors with 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 in-depth research and creative problem solving in one or several areas of fabric structures. May be repeated. Maximum credit 12 hrs. Prereq: 12 hours of fabric structures (or equivalent) and permission of department head.

4660 Studio Problems in Wood Design (4) Problems for juniors and seniors with 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 juniors and seniors with 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 topics 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 for juniors and seniors. May be repeated. Maximum credit 9 hours. Prereq: permission of department head.

4989 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

5002 Non-Thesis Graduation Completion (3)

5040 Seminar in Design (3)

5050 Advanced Design Studio (4)

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 I, II, III (4, 4, 4)

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

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

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

5346-56-66 Plastics I, II, III, IV (4, 4, 4)

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

5350-60-70 Fabric Structures I, II, III (4, 4, 4)

5368 Ceramics-Glaze Calculation (4)

5369 Ceramics-Klin Construction (4)

5410 Advanced Problems (3)

5510 Environmental Factors In Interior Design (3)

5520 Environmental Factors In Interior Design (3)

5530 Environmental Factors In Interior Design (3)

5610 Furniture Design (3)

5613 Housing Management (3)

5614 Housing Regulations and Controls (3)

5615 Housing Programs and Policies (3)

5620 Experimental Methods in Household Equipment (3)

5630 Environmental Requirements for Family Work Centers (3)

5810 Crafts (1-4)

5820 Interior Design (1-3)

5830 Problems in Housing (1-3)

5910-20-30 Seminar (1-4, 1-4, 1-4)

6110 Contemporary Housing Issues and Problems (3)

6120 Advanced Topics in Housing Research (3)

6210 Environmental Design Analysis (3)

6320 Role of Crafts In Society (3)

6410 Conceptual Development in Craft Design (3)

6420 Perspectives in Crafts and Interior Design (3)

The following periodically are offered only at the Pi Beta Phi Arrowmont School of Crafts, Gatlinburg, Tennessee:

2211 Creative Design (1-4) Content same as 2210. May be repeated. Maximum credit 9 hours. Prereq: permission of department head.

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)

5811-21-31 Special Problems in Related Art, Crafts and Interior Design (1-4, 1-4, 1-4)

5911-21-31 Seminar in Related Art, Crafts, Interior Design (1-4, 1-4, 1-4)
Food Science, Nutrition, and Food Systems Administration


Associate Professor: B.L. Beach, Ph.D. Wisconsin; D.W. Hubbard, Dr. P.H. Tulane; D.E. Lyon, M.S. Cornell; M.N. Perry, Ph.D. Tennessee; M.A. Smith, Ph.D. Tennessee; M.N. Taylor, M.S. Georgia.


Lecturers: J.V. Boos, M.S. Tennessee; W.L. Dodson, M.S. Tennessee.

Food Science (386)

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 food 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.

3021 Clinical Experience in Dietetics (1) Planned experiences for application of economic principles of food selection and consumer acceptability in selected community facilities. Coreq: 3020. Open only to students in the Coordinated Undergraduate Program in Dietetics.

3510 Nature of Food II (3) Food composition in relation to response of foods to heat, microwave, enzymatic and other physical and chemical treatments. Prereq: 2510; Nutrition 3310 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) Principles and laboratory evaluation in experimentation with fats, high protein foods, and better and dough systems. Prereq: 3510. 2 hrs and 1 lab.

4020 Experimental Food Science (3) Individual experimentation and its relation to research literature. Prereq: 4010; Nutrition 3320 recommended. 1 hr and 2 labs.

4530 Field Experience (3-15) Planned educational experience in selected food industry laboratories. Prereq: Consent of instructor. 1/2 credit arranged.

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: 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. 1/2 credit arranged.

4970 Honors: Food Science (1-3) Special problems for juniors and seniors showing special ability and interest in food science. May be repeated for credit. 1/2 credit arranged.

GRADUATE

5000 Thesis

5002 Non-Thesis Graduation Completion (3)

5140 Foods and Nutrition: Physiochemical 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 (3-3)

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 Dispensations (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)

2300 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; Zoology 2920-30 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.

3050 Basic Nutrition (3) Relationship of basic nutrition to human well being. Prereq: Chemistry 1510-20-30 or equivalent and Zoology 2920-30 or equivalent.

3310 Organic Chemistry (4) Emphasis on subjects leading to 3320-30, Textiles and Clothing 3520. 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, and proteins. Role of vitamins 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.

3340 Clinical Analyses (2) Laboratory and lecture. Principles, application and interpretation of chemical analyses of physiological materials. Prereq: 3000 or equivalent. Coreq: 3330. Not for graduate credit for food science, nutrition, or food systems administration majors.

3410 Science of Nutrition (5) Basic principles of nutrition; significance of recommended dietary allowances and application. Prereq: 3330-39. Zoology 2920-30; Food Science 2510; 4 hrs and 1 lab.

3411 Clinical Experience in Dietetics (1) Planned experiences for application of principles of normal nutrition in selected health care and community facilities. Coreq: 3410. Open only to students in the Coordinated Undergraduate Program in Dietetics.

3610 Nutrition and the Environment (3) External conditions and influences affecting human nutrition, such as drug, 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; and role of dietitian in health delivery system. Concurrent with FSA 3920. Prereq: Junior standing.

4010 Reproductive and Developmental Nutrition (3) Nutritive requirements for expectant mothers, infants, and preschool children. Pre req: 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: 4231; 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.

4110 Introduction to Nutrition Research (3) Discussion of principles and laboratory experience. Pre req: 6 hrs of nutrition. 2 hrs and 1 lab.

4230 Nutrition in Disease (4) Nutrition problems in diseases influenced by diet. Pre req: 3410, 2 hrs and 1 lab.

4231 Clinical Experience in Dietetics (1) Planned clinical experiences applying principles of nutrition in disease. Prereq: 4230.
Food Systems Administration (388)

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. Students must pay for their own field trip expenses.

3000 Dimensions of Tourism (3) Economic and cultural impact of tourism on society. Examination of forces influencing the domestic and international tourist industry.

3110 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, 3110.

3320 Food Service Administration (2-3) Effective and efficient use of management resources in food service systems. Two credits to include quantity food laboratory. Prereq: 3110 or consent of instructor. Not open to majors in food systems administration.

3920 Survey of Dietetics (1) Introduction to dietetics and to career opportunities; and role of dietitian in health delivery systems. Concurrent with Nutrition through 2920. 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 (3-15) Planned educational experience in selected food service and food and lodging systems. To be taken between junior and senior year if all prerequisites are completed. Prereq: 4130, 4150.

4250 Food and Lodging Managerial Cost Control (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, 4250; Office Administration 2750.

4410-20-30 Clinical Experience in Dietetics (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 Dietetics.

4421 Contemporary Developments in Dietetics (2) Relating professional course concepts to clinical experiences through small group discussions. Open only to seniors in the Coordinated Undergraduate Program in Dietetics. May be repeated. Maximum 6 hours credit.

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 instructor and students. Prereq: 3410 or permission of instructor.

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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 discussion of research, literature, Hour and credit arranged. Prereq: 3110, or permission of instructor.

4900 Seminar (1-3) Review, organization, and reporting of literature on selected topics. May be repeated for credit. Prereq: 3410 or consent of instructor. Hrs and credit arranged.

4978 Honors: Food Systems Administration (1-3) Special problems for juniors and seniors showing special ability and interest in institution administration. May be repeated for credit. Hrs and credit arranged.

GRADUATE

5000 Thesis

5002 Non-Thesis Graduation Completion (3)

5110-20 Experimental Quantity Food Study (3, 3)

5210 Methods of Food Systems Research (3)

5220 Experimental Design of Food Systems Facilities (3)

5230 Food Systems Evaluation (3)

5240 Financial Management of Food Systems (3)

5310 Administration of Food Service Delivery Systems

5309 Unavailable

5500 Clinical Training in Health Care Agencies (3)

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

5800 Problems in Food Systems Administration (1-3)

5850 Field Experience (3-9)

5900 Seminar in Food Systems Administration (1-3)

6110 Advanced Topics in Institution Administration (3)

6210 Manpower Planning and Training for the Food Service Industry (3)

6310-20 Quantitative Methods to Control Resources in Food Service Systems (3, 3)

6900 Seminar (1-3)

Home Economics (481)

Professors: L.M. Odland (Dean), Ph.D. Wisconsin, D.Sc. Rhode Island; G.E. Goertz (Associate Dean), Ph.D. Kansas State.

Associate Professor: M.N. Perry (Dean for Graduate Studies), Ph.D. Tennessee.

Assistant Professor: V.S. Anagnost, (Assistant Dean), M.S. Tennessee.

1010 Home Economics as a Profession (1) Scope of the profession of home economics; educational and personal preparation; personal qualities required and satisfaction to be gained from various careers within the profession. Satisfactory-No Credit.

1510 Family Systems: Human Development (4) Definition, description and utilization of basic systems concepts as applied to development of individual and family; emphasis on professional development and contribution.

1520 Family Systems: Aesthetic Environment (4) Examination of near and far environment from an aesthetic perspective with implications for quality of life of individuals and families.

3110 Methods of Community Services Development (3) Organization, educational responsibility, objectives, methods and evaluation of community services programs. Prereq: Psychology 2500 or equivalent.

3510 Family Systems: Consumer Resources (4) Appraisal and application 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 interpersonal 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 family 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 specified areas of home economics; their implications for home economics and related professions. Consent of instructor. Hrs arranged for credit. May be repeated with departmental approval for credit up to 9 hrs.

4910 International Study Tour (6) See page 148 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)

5100 International Studies (1-15)

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 (Emeritus), Ph.D. Ohio State.

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

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

The Department of Home Economics Education is included as an instructional unit in the Department of Vocational-Technical Education in the College of Education (see page 113 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 153.

Textiles and Clothing (971)

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

Associate Professors: I.M. Ford, Ph.D. Pennsylvania State; B.G. Gowsami, Ph.D. Manchester (Great Britain); J. Koger, Ph.D. Notre Dame; T.L. Vigo, Ph.D. Tulane.

Assistant Professors: R.P. Dowlen; M.S. Tennessee; M.F. Miller, Ph.D. Pennsylvania State.

Instructors: A.L. Bullock, B.S. Mississippi College; B.C. Henderson, M.S. Purdue; B.M. Willard, M.S. Tennessee.

1160 Costume Analysis (2) Analysis and application of design principles related to different figure types and activities. 1 hour and 1 lab.

1165 Clothing (3) Fundamentals of pattern alteration, fitting and construction with emphasis on design quality and construction compatibility. Prereq: 1160, 1 hour and 2 labs.

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

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: child development and family relations, economics; 4 hrs sociology or anthropology or psychology.

3420 Textiles I (3) Consumer-oriented study of textiles, emphasizing fibers, fabric constructions and finishes in relation to use, 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 couture finishing 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.

3480 Design Analysis I (3) Interpretation of dress design terminologies and finished garments developed through media of flat pattern.

3470 Tailoring (4) Evaluation and use of tailoring methods as applied 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 historic, social, and economic settings.

3510 Fashion Merchandising: Planning and Control (3) Analysis of fashion merchandising problems and problems focusing on application of decision mechanisms. Prereq or coreq: 2110 and Accounting 110.

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.

4120 Textile Economics (3) Economic background of textile and apparel industry with emphasis on production and distribution. Current national and international problems. Prereq: 3420; Economics 2110.

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 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 the fibers. One quarter of organic chemistry. 3 hrs and 1 lab.

4230 Theory and Interpretation of Fashion Design (3) Analysis and application 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 teaching or doing 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 2110-20; 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 jobs, 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 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
5002 Non-Thesis Graduation Completion (3)
5110 Textile Testing and Methods of Research in Textiles (3)
5120 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)
6140 Selected Behavioral Theories in Clothing (3)
6150 Social-Psychological Theories of Clothing Consumption (3)
6160 Textile Flammability (3)
6170 Physical Performance Behavior of Textile Structures I (3)
6910 Seminar in Textiles and Clothing (1-3)