The College of 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 two colleges of home economics in the nation in enrollment and first in the number of master's and doctoral degrees granted. All undergraduate programs of the college are accredited by the American Home Economics Association. Much of the qualitative and quantitative growth of the college is due to its highly qualified faculty and staff who, being aware of the current community problems and needs, have made its programs relevant to the goals and aspirations of today's students.

Today's students are seeking professional positions in which they can better serve people—individuals, families, consumers—by helping 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 is best stated as follows: home economics does seek knowledge which describes and analyzes but is not content with only studying "what is." In analyzing knowledge which describes and analyzes, one is concerned with "what can be." Also concerned with promoting "what can well-being of people and society the college is in order to enhance the quality of life and is not content with only studying "what is." In order to enhance the quality of life and well-being of people and society the college is concerned, with promoting "what can and should be."

The college's mission is twofold: its undergraduate programs prepare students to work with people in a professional capacity so that they may make use of what has been learned in serving as professional agents of change; 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.

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 1891.

The faculty of the college numbers 80 full-time teaching and research staff. There are four departments with curricula leading to the Bachelor of Science degree: Child and Family Studies; Home Economics Education; Nutrition and Food Sciences; and Textiles. Merchandising and Design. 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 400 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 1950. 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 or at the Fashion Institute of Technology in New York. Credits earned may be applied toward a Bachelor of Science degree in appropriate curricula of the college.

More research projects for infant care and preschool day care and nursery school provide home economics students the opportunity to train for careers as directors of, and teachers in, child 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.

The U.S. Department of Agriculture Textiles and Clothing Research Laboratory is a part of the Southern Regional Mid-Atlantic Area and was located at The University of Tennessee in 1967. Textiles and clothing researchers collaborate with the U.S.D.A. staff to conduct investigations that will (1) determine consumer needs for textiles and clothing and the adequacy of products available to meet these needs, (2) develop basic principles to guide consumers in selection and 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 Nutrition and Food Sciences has a cooperative arrangement with 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. During the junior and senior years students in the Bachelor of Science degree programs in Dietetics receive clinical experience integrated with courses in hospitals and other...
Nutrition and food sciences facilities include well-equipped laboratories for basic food science, experimental food science, experimental nutrition (animal), and chemistry for undergraduate and graduate students. 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 Textiles, Merchandising and Design facilities include provisions for study, regular classroom, laboratory, and studio experiences. Laboratories for interior design and housing studies are especially equipped for this purpose.

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

Certification in Vocational Home Economics Education

Certification to teach vocational home economics requires either a bachelor's or master's degree in home economics from an institution offering a curriculum for teacher training approved by the State Board for Vocational Education and by the United States Office of Education. The University of Tennessee, Knoxville, is approved for the training of teachers in home economics.

A description of the requirements for membership in the American Dietetic Association. The Nutrition program is supported in part by the college, by special grants and contracts, and by the Agricultural Experiment Station. The University of Tennessee, Knoxville, is approved for the training of teachers in human nutrition.

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 laboratories for both undergraduate and graduate work. A college audiovisual learning center and departmental reading rooms provide opportunity for independent study.

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-olds, a preschool curriculum laboratory, and rooms for observation and research.

A separate Child Day Care Center housed in the GT Golf Range Apartments is staffed by the college and provides a laboratory for study as well as an adequate center for group care of children 2 to 5 years of age. The Family Life Center provides office and classroom space.
requirements for their particular college or school. For the degree of Bachelor of Science in Home Economics, students generally plan to complete the last 45 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 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 before the requirements are completed. It is recommended that all transfer students complete the freshman chemistry requirements before transferring to the college. Students wishing to transfer 36 or more credit hours into the college must have an average of 2.0 or more 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 each student generally takes courses basic to all curricula and is assigned a faculty advisor for program planning. A normal student load per quarter is 15-16 hours. The maximum load is 19 credit hours per quarter (18 hours maximum for the first-year student). The normal student load per quarter is 15-16 hours. The maximum load is 19 credit hours per quarter (18 hours maximum for the first-year student). The normal student load per quarter is 15-16 hours. The maximum load is 19 credit hours per quarter (18 hours maximum for the first-year student).

Home Economics 1510 Family Development
First Term

Home Economics 1520 Family Development
Second Term

Home Economics 3510 Family Development
Second Term

Home Economics 3510 Family Development
Sophomore Level

Home Economics 2510 Family Development
Junior Level

Professional Curriculum in Child and Family Studies
The Department of Child and Family Studies is concerned with early education, human development and family interaction throughout the lifespan, and with resource management and consumer studies. Departmental goals and objectives are designed to contribute to the interpersonal and professional competence of men and women students, and to provide preparation for careers in the helping professions related to children, adolescents, and families. Depending on the option the student selects, this curriculum is appropriate for persons oriented toward teaching and/or administrative positions in child care centers and nursery schools, in public schools, with family services, child welfare agencies, extension, banks, and consumer agencies. Other opportunities exist beyond the bachelor's level (for example, administration, research, and clinical services). All options provide necessary background for graduate study in child development, family relationships, early childhood education, and social work.

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 socially disadvantaged and/or handicapped children, entry level positions in social work, or preparation for graduate school.

Freshman

Hours Credit

Home Economics 1510 4
Home Economics 1520 4
Natural science 12
English 1010 or 1011; 1020 10
Mathematics 1540 4
Economics 3210 or 3210 15

Sophomore

Hours Credit

Nutrition 3230 3
Nutrition 3230 3
Economics 3240 or 4830 3
Economics 3510 or 3515 4
Economics 2510 4
Economics 2110 4
Philosophy or religious studies elective 4
Social science 3533 4
English 3430 3

Junior

Hours Credit

CPS 3210 3
CPS 3230 3
CPS 3230 3
CPS 3420 or 4830 3
CPS 3510 or 3515 4
Home Economics 2510 4
Economics 2110 4
Philosophy or religious studies elective 4
Social science 3533 4
English 3430 3

Senior

Hours Credit

CPS 3910 3
CPS 4290 or 4430 or 4810 3
CPS 4810 3
CPS 4830 3
CPS 4530 3
CPS 3420 or 4430 or 4810 3

Home Economics 3510 4
Electives 4

TOTAL: 192 hours

Option 2: Human Development and Family Studies
This option is for undergraduate CFS majors who want a generalist background in individual and family studies. This option does not prepare a career in preschool education. Students interested in Cooperative Extension Service, community agencies, family counseling, social work, and graduate work would choose this undergraduate option.

Freshman

Hours Credit

Home Economics 1510 4
Home Economics 1520 4
Natural science 12
English 1010 or 1011; 1020 10
Mathematics 1540 4
Economics 3210 or 3210 15

Sophomore

Hours Credit

Nutrition 3230 3
Nutrition 3230 3
Economics 3240 or 4830 3
Economics 3510 or 3515 4
Economics 2510 4
Economics 2110 4
Philosophy or religious studies elective 4
Social science 3533 4
English 3430 3

Junior

Hours Credit

CPS 3210 3
CPS 3230 3
CPS 3230 3
CPS 3420 or 4830 3
CPS 3510 or 3515 4
Home Economics 2510 4
Economics 2110 4
Philosophy or religious studies elective 4
Social science 3533 4
English 3430 3

Senior

Hours Credit

CPS 3910 3
CPS 4290 or 4430 or 4810 3
CPS 4810 3
CPS 4830 3
CPS 4530 3
CPS 3420 or 4430 or 4810 3

Home Economics 3510 4
Electives 4

TOTAL: 192 hours
College of Home Economics

Freshman Hours Credit

CFS 2100 .......................... 4
Literature elective .................. 3
EED 1010 .......................... 3
Home Economics 2510 ............. 4
Physical or biological science ... 4
Speech 1250 or 2301 or 2361 ... 4
Physical or biological science ... 4
Sociology elective .................. 4
History or political science elective 4

Sophomore Hours Credit

CFS 3510 or Sociology 3150 ... 3-4
CFS 3520 .......................... 3
CFS 3530 .......................... 3
CFS 3540 .......................... 3
CFS 4810 or P.E. 4800 .......... 6-15
Sociology elective .................. 4
Electives .......................... 12-21

Junior Hours Credit

CFS 4630 .......................... 3
CFS 4430 .......................... 3
CFS 4420 or 4610 .................. 3
Senior

Home Economics 2510 ............. 4
History or political science elective 4
Philosophy or religious studies ... 4

Requirements may be satisfied by Nutrition 3620 to be taken senior year.

Electives .......................... 4

Grade Three

Option 3. Nursery School-

3 Requirement may be satisfied by Educational Psychology 3060. Twelve hours selected from the following: Biology 1010 or 1110, Biology 2010 or 2110, Microbiology 2010, Zoology 2010 or 2110, English 1010 or 1011; 1020, English 1030 or 1031 or 1032, English 1033; Education C & 13010-20-30, Education C & 13260-70-80-81; P.E. 3450; Sociology 1120, 1510-20, Anthropology 2510, 2520 or Religious Studies 2610 or 2611 or 2620.

Application and selection by a faculty committee required to enter sophomore year.

Professional Curricula in the Department of Nutrition and Food Sciences

Entering freshmen interested in Options 1, 2, 3, or 4 of the Food Science, Nutrition, and Food Systems Administration major will be enrolled as departmental majors and a departmental adviser will be assigned to assist in planning freshman courses. Students will not register in a particular option until their third quarter in residence. They will apply for admission to a specific option by April 1. Designation of an option for each applicant will be made by a faculty committee by May 15, and each student will be assigned to an adviser associated with the chosen option. A second choice of option will be required if Option 4 is the first choice. If a student is listed as an alternate for first choice of option, admission may be reconsidered at a later date. Applications may be considered periodically as openings occur. Entering freshmen in Plan A or Plan B of the Tourism, Food and Lodging Administration major will be assigned an adviser for that major immediately upon entering the program. Transfer students must apply to the Director of Admissions and be admitted to the University of Tennessee, Knoxville, before initiating the application procedure for admission to Options 1 through 4, and the Tourism, Food and Lodging Administration Plans A or B.

FOOD SCIENCE, NUTRITION AND FOOD SYSTEMS ADMINISTRATION MAJOR

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 feeding problems, consumer reaction to food acceptability and marketing problems; application of the physical sciences is made in the study of food composition and properties and changes associated with processing, preparation, and storage. This curriculum prepares students for positions in food product development and evaluation in industry and government, work in communications media, or for direct entrance into a master's degree program needed for college teaching and research. Information concerning modifications necessary to meet the academic requirements of the American Dietetic Association is available from the department.

Freshman Hours Credit

Freshman

ECE 1110-20-30 .......................... 12
English 1010 or 1011, 1020 ..... 6
Math 2110-20-30 ....................... 9-15
Math 2120 or 2130 ................. 6
English 1010 or 1011; 1020 ............. 6
English 1030 or 1031 or 1032, 1033, 1034; Education C & 13010-20-30, Education C & 13260-70-80-81; P.E. 3450; Sociology 1120, 1510-20, Anthropology 2510, 2520 or Religious Studies 2610 or 2611 or 2620. If a student is listed as an alternate for first choice of option, admission may be reconsidered at a later date. Applications may be considered periodically as openings occur. Entering freshmen in Plan A or Plan B of the Tourism, Food and Lodging Administration major will be assigned an adviser for that major immediately upon entering the program. Transfer students must apply to the Director of Admissions and be admitted to the University of Tennessee, Knoxville, before initiating the application procedure for admission to Options 1 through 4, and the Tourism, Food and Lodging Administration Plans A or B.
College of Home Economics 159

Sophomore

Economics 2110-20 or 30 4
Speech 2210 or 2310 3
Economics 2510 or 2520 3
Economics 2530 or 2540 4

Home Economics 2510 4
Microbiology 2910 3
Psychology 2500 4
Sociology 1510 4

TOTAL: 190 hours

Senior

Economics 2570 3
Physical education elective 2
Speech 2311 3

Electives 6

TOTAL: 188 hours

*Cf English 2530 or 2570 or 2580.

Opinion 4. Coordinated Undergraduate Program in Dietetics

A student may be admitted to the program upon completion of the specified general education sequence described above. In addition, a student must have completed at least one year of dietetics, including at least the following courses: one semester of basic medical sciences, two semesters of nutrition, one semester of food systems administration, and one semester of professional practice in dietetics. The student must also have a minimum grade point average of 3.0. Applicants must satisfy the following requirements for admission:

1. Completion of the general education sequence described above.
2. Completion of at least one year of dietetics, including at least the following courses: one semester of basic medical sciences, two semesters of nutrition, one semester of food systems administration, and one semester of professional practice in dietetics.
3. A minimum grade point average of 3.0.
4. A faculty committee decision based on personal interviews and academic qualifications.

Admission to the program is competitive, and the number of seats available is limited. Students interested in the program should apply for admission through the College of Home Economics.

Opinion 5. Community Nutrition

The program in Community Nutrition is designed for students interested in community service or public health nutrition. The core of the program consists of courses in food science, nutrition, home economics, and professional practice. Students interested in this area of study should consult with a faculty advisor to determine the specific courses required.

Opinion 6. Advanced Electives

A student may take up to 12 additional hours of elective courses in order to complete the specific requirements of the dietetics major. These electives should be selected in consultation with a faculty advisor.

Opinion 7. Additional Requirements

In addition to the core courses, students must complete a minimum of 30 credit hours in dietetics, including at least 18 credit hours in professional practice. This program provides an excellent opportunity for students interested in careers in dietetics, nutrition, and related fields.
Senior Nutrition Food Systems Administration

which the student is employed by an
sophomore, junior, and senior years during supervised work experience in the cooperative plan (B) with pre-planned and of complex management problems in the industry. This major offers two curricular plans, a regular four-year program (A) and a cooperative plan (B) with pre-planned and supervised work experience in the sophomore, junior, and senior years during which the student is employed by an approved facility in the tourist, food, or lodging industries. The cooperative plan will take four years plus two terms. Selection of Plan A or B must be made at the end of the freshman year.

A business minor is available to students who successfully complete 21 hours of the following required courses: Accounting 2110-20, Economics 2110-20-30, and Statistics 2100. In addition, 15 hours of upper division business electives must be taken at UTC. At least six upper division hours of accounting, economics, or statistics may be used for this minor. Students are responsible for meeting prerequisites listed for any upper division courses taken. The 12 hours of upper division business courses required in Plan A or B may be applied toward satisfying the 15 upper elective requirements.

Planning A

Freshman

<table>
<thead>
<tr>
<th>Hours Credit</th>
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<tbody>
<tr>
<td>8</td>
<td>English 1010 or 1011; 1020; 1030</td>
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<tr>
<td>5</td>
<td>Accounting 2110; Economics 2110</td>
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<td>4</td>
<td>Math 1540; 1550</td>
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<tr>
<td>3</td>
<td>Nutrition 1230</td>
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Sophomore

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<tr>
<th>Hours Credit</th>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>Home Economics 2100</td>
</tr>
<tr>
<td>4</td>
<td>English 1020 or 1033</td>
</tr>
<tr>
<td>4</td>
<td>Accounting 2120</td>
</tr>
<tr>
<td>3</td>
<td>Microbiology 2510</td>
</tr>
<tr>
<td>3</td>
<td>Exact 2311</td>
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<tr>
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<td>Speech 2351</td>
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Junior

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<tbody>
<tr>
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<td>Mathematics 3110 or 3210</td>
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<tr>
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<td>Food Science 4420</td>
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<tr>
<td>3</td>
<td>Home Economics 3510</td>
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<tr>
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Spring

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<tbody>
<tr>
<td>4</td>
<td>Accounting 3140</td>
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<tr>
<td>2</td>
<td>Accounting 3150</td>
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<td>2</td>
<td>Computer Science 4100</td>
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<tr>
<td>2</td>
<td>Computer Science 4110</td>
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</table>

Total: 190 hours

Natural science electives (12) are selected from one of the following areas: Biology 1110-39 or Chemistry 1100-29-30, or Physics 1410-29-30.

Plan B: Cooperative Curriculum in Tourism, Food, and Lodging Administration

Fall

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</thead>
<tbody>
<tr>
<td>4</td>
<td>Natural science elective</td>
</tr>
<tr>
<td>4</td>
<td>English 1010 or 1011</td>
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<td>4</td>
<td>Math 1540</td>
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<tr>
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<td>Home Economics 1510</td>
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Spring

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<tr>
<th>Hours Credit</th>
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</thead>
<tbody>
<tr>
<td>4</td>
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<td>Economics 2110</td>
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<tr>
<td>3</td>
<td>Food Science 1010</td>
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Fall

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<tr>
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<tr>
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Spring

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Winter

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<td>Accounting 2110</td>
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<td>Psychology 2930 or 2950</td>
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Summer

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<td>Accounting 2110</td>
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<td>Psychology 2930 or 2950</td>
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Fall

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Spring

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Winter

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<tr>
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<td>Accounting 3110</td>
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Spring

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Summer

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<td>Marketing 3120</td>
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Fall

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<tbody>
<tr>
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Spring

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Winter

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Electives

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<td>1</td>
<td>Exact 3130</td>
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</table>

TOTAL: 190 hours

Acquisition and Exhibition

This department requires the right of acquisition and exhibition of work completed in its studies under the guidance of the faculty.

Interior Design Major

The Interior Design major is for students who are primarily interested in becoming professional interior designers.

Admission and Progression Policies

Applications to Interior Design must be received by the Director of Admissions no later than March 1 for admission to the summer and fall quarters. Selection will be made by April 1. November 1 is the deadline for applications for the spring quarter; enrollment is closed for the winter quarter. An applicant who is not accepted may be reconsidered if an application is made for a future class.

Admission to junior level interior design studio requires (1) satisfactory completion of the sophomore level interior design series (2115-16) with a cumulative grade point average of at least 2.3, exceptions by petition only. (2) Application to the Department of Textiles, Merchandising and Design no later than the third week of the quarter in which the student is enrolled in IDH 2116, and (3) a personal interview and evaluation of the applicant's portfolio by designated members of the interior design faculty.

Students whose competencies suggest other programs will be counseled to enter other departmental curricula or assisted in the transfer to other college or University Programs.

Students must maintain an overall 2.3 grade point average by the end of 60 hours in order to maintain "full status" in the program. Academically deficient students will be put on "temporary status" during which the students must raise their overall GPA to 2.3 or have a minimum of 2.3 for each quarter's work until their overall average is raised to 2.3. If the GPA is not raised to 2.3, the student will be dropped from the interior design program. Students must earn a C or better in each required upper-division interior design course in order to graduate from the program.
INTERIOR DESIGN AND HOUSING MAJOR

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

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<tr>
<td>12</td>
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<td>12</td>
<td>Total: 191 hours</td>
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*Students interested in graduate study should consult with the Department Coordinator prior to submitting a change to the Department Coordinator.*

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. Application for field work (Textiles and Clothing 4630-40) must be submitted to the Department Coordinator by December 15 of the year preceding field work.

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<tr>
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<td>Total: 191 hours</td>
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*Students interested in graduate study should consult with the Department Coordinator prior to submitting a change to the Department Coordinator.*

Option 2. Textile Science

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.

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<th>Hours Credit</th>
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<td>Total: 191 hours</td>
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*Students interested in graduate study should consult with the Department Coordinator prior to submitting a change to the Department Coordinator.*

*All courses require an overall grade point average of 2.5 or better.*
Professional Curriculum in Vocational Home Economics Education

The teacher education program in home economics planned in cooperation with the College of Education prepares prospective teachers for vocational certification at the secondary level. Preparation is for both the consumer and homemaking program and the occupational program. The four-year course of study involves general education and professional courses including home economics subject matter. State certification requirements are met plus provision for capitalizing on one's area of interest.

Total requirements for admission to teacher education, to student teaching, and for recommendation for certification are listed on page 102. The State Board for Vocational Education and the United States. Office of Education approve programs for vocational teacher 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 can enter the student teaching course. Home Economics Education 2420 should be scheduled within one of the two quarters immediately preceding the quarter in which student teaching is scheduled. In the undergraduate curriculum, endorsement in one or more of the occupational areas is optional and in addition to the basic consumer and homemaking education in the curriculum.

This curriculum will prepare students for graduate study in home economics at the education; however, it is not a requirement for graduate study in home economics education.

Freshman

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Graduate Study Programs in the College of Home Economics

The College of Home Economics offers a full range of graduate studies leading to the M.S. and Ph.D. degrees. Any person interested in graduate study should request information, application and a Graduate Catalog. From: Dr. Jay Stauss, Graduate Instruction, Graduate Studies, College of Home Economics, The University of Tennessee, Knoxville, TN 37916.
to improve income position and reduce income in-
testivity. Prereq or coreq: Economics 2102.
3910 Internship: Marriage and Adolescence (2) Examination of primary relationships from perspec-
tives of both individual development and relation-
ship development. Emphases are on dating, mar-
riage, and variant family forms.
3915 Family Development (3) Focuses on family from childbirth through all stages of age development.
Emphasizes factors affecting family life cycle.
3920 Family and the Family University: The Family and the Field (3) Pertinent to the field; topics to be determined by.
3930 The Family and the Adolescent (3) Problems of growth and development during teen years; role of parents and other adults in fostering adolescent development; upper-division students only. Prereq: 3910 or 3920 or 3930 or 4520.
3940 Family Finance (3) Analysis of alternatives and dynamics of meeting financial problems encountered during life cycle of family.
3950 Consumer Time and Energy in the Home (3) Application of management principles to home-
making activities; evaluation of equipment, work centers, and work procedures in terms of time and energy demands. Adaptations for the handicapped.
4000 Adult Development and Aging (3) Adult life in our society. Adjustment to internal and environmen-
tal changes through middle and aged years. Prereq: 2100 or 2110 or 3000 or 3050 recommended: coreq: 4110.
4110 Student Teaching in Preschool Settings (6) Increasing responsibility for planning and guiding groups of young children under supervision of head teacher includes 2 hrs weekly seminar. Prereq: 1800, 2100, 2110, 3000: 3350 recommended: coreq: 4110.
4111 Student Teaching of Preschool Children (3) Increasing responsibility for planning and guiding groups of young children under supervision of a head teacher includes 2 hrs weekly seminar. Prereq: 1800, 2100, 3000, 3350: 3360 recommended: coreq: 4110.
4520 Parents and Children (3) Families, children and special needs children. Emphasis on research literature and research meth-
dology. 2 hrs and 1 lab.
4530 Research Methods in Family and Marriage Studies (3) Prereq: 3000. 2 hrs and 1 lab.
4540 Learning in Preschool Programs (3) Emphasis on research literature and research meth-
dology. 2 hrs and 1 lab.
4550 Supervision in Preschool Programs (3) Prereq: 3000. 2 hrs and 1 lab.
4610 Molecular Genetics and Development (3) Prereq: 3000. 2 hrs and 1 lab.
4620 Administration of Programs for Young Chil-
dren (3) Planning for staffing, housing, feeding,
etc. of meeting financial problems encountered during the family. Emphasis on research literature and research meth-
dology. 2 hrs and 1 lab.
4630 Advanced Child Development (3) Survey of historical, theoretical, and applied issues in the field of child and family development. Prereq: 3510 or 3515.
4640 Advanced Child Development (3) Survey of historical, theoretical, and applied issues in the field of child and family development. Prereq: 3510 or 3515.
4650 Aging Family in a Developmental Framework (3) Emphasis on research literature and research meth-
dology. 2 hrs and 1 lab.
4670 Elements of Consumer Choice (3) Society and consumer preferences, the American economic system, consumer behavior, and its re-
lationship to response of foods to heat, microwave, en-
zymatic, and other physical and chemical treat-
ments. 2 hrs and 1 lab.
4680 Theories of Management in Family Environ-
ment (3) Case studies in decision making, need for information and con-
sideration of factors affecting family life cycle.
4700 Child Development and Family (3) Emphasis on research literature and research meth-
dology. 2 hrs and 1 lab.
4800 Food, the Consumer and the Economy (3) Economic concepts, source, food components, and theirinter-
relationships. Prereq: 1010, Chemistry 1530 or equiv-
alent. 2 hrs and 1 lab.
4810 Afro-American Families (3) Historical back-
ground, contemporary family structure and rela-
tionship; emerging needs and programs. Prereq: 4630 and upper-division standing (Same as Black Studies 4630).
4830 Consumers and the Market (3) Analysis of items in marketplace which create problems for consumers. Special attention is given to consumer decision making, need for information and con-
sideration of factors affecting family life cycle.
4780 Honors: Child, Family, and Consumer Studies (3) Individual special problems for juniors and seniors showing special ability and interests. May be repeated. Maximum credit 9 hrs.
GRADUATE
5000 Thesis
5005 Non-Thesis Graduation Completion (3-15)
5060 Practicum (1-15)
5110 Field Work in Family Life (3)
5110 Special Problems (3)
5140 Family Dynamics of Parent-Teacher Interaction. Emphasis on research literature and research meth-
dology. 2 hrs and 1 lab.
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)
5230 Family Life Programs (3)
5310 Theory and Research on Human Sexuality (3)
5410 Advanced Family Relationships (3)
5430 Parents and Children (3)
5460 Families in Crisis (3)
5510 Survey of Research in Child and Family Studies (3)
5530 Research Methods in Child and Family Studies (3)
5540 Learning in Preschool Programs (3)
5550 Supervision in Preschool Programs (3)
5560 Seminar in Infant Development (3)
5620 Nursery School Administration (3)
5630 Seminar in Infant Development (3)
5640 Teaching Child and Family Studies (3)
5700 Current Programs and Trends in Child and Family Studies (3)
5800 Problem in Child, Family, and Consumer Studies (1-3)
5850 Children's Effects on Parents and Marriage (3)
5860 Seminar in Child Development and Family Relations (1-3)
5870 Seminar in Child Development, Family Rela-
tionships, and Consumer Studies (3)
5880 Advanced Topics (3)
5910 Individual and Family Development: Physio-
logical Determinants (3)
5920 Individual and Family Development: Cogni-
tion (3)
5930 Individual and Family Development: Sociali-
sation (3)
6040 Theory Construction in Family Studies (3)
6050 Conceptual Frameworks for the Family (3)
6060 Seminar in Programs for Young and Pre-
school Children (3)
6120-20 Applied Behavior Analysis in Natural Set-
ings (3-3)
6700 Elements of Consumer Choice (3)
6720 Consumer Protection (3)

Nutrition and Food Sciences

Professors
R. E. Beauchamp (Head), Ph.D., Kansas State; F. S. Dahl, Ph.D., University of Idaho; C. A. Campbell, (Emeritus), Ph.D., Cornell; D. E. G泳e, Ph.D., Kansas State; B. E. Brown (Emerita), M.S. Columbia; L. F. Martin (Emerita), Ph.D., California; M. J. Jeffers, Ph.D., University of Wisconsin; R. M. East, Ph.D., Kansas State, Ph.D. Washington; J. Smith, Ph.D., Washington; A. M. Snider, Ph.D., Tennessee

Instructors
W. H. Hubbard, Dr. Ph. Tulane; D. E. Lyon, M.S. Cornell; M. P. Pavlaki, Ph.D., Tennessee; D. S. Sachan, Ph.D. Rimoa; M. N. Norris, M.S. George, M.P.H. Berkeley.

Assistant Professors
A. L. Hyl, M.S. Kansas; P. B. Hutchinson; M.P.H. Oklahoma, B. L. Lee, M.S. Case Western Reserve, L. J. McNichk, M.A. Mississippi, J. B. Zemr, M.S., Tennessee; B.B. Speer, M.S. Tennessee.

Lecturers
W. L. Dobson, M.S. Tennessee; B. B. Speer, M.S. Tennessee.

M.P.H.

Food Science (386)

1010 Food Principles (3) Principles of food selec-
tion, preparation, and service. 6 hrs and 1 lab.
2000 Cultural and Scientific Aspects of Foods and Nutrition (3) And scientific aspects of foods and nutrition. Prereq: 3010 to the individual and com-
plete the Program in Dietetics. Prereq: 2000. 6 hrs of natural science.
2510 Nutrition of Food (I) Classification on basis of marine and terrestrial. Prereq: 1010, Chemistry 1530 or equiva-
3020 Food and the Consumer (3) Economic con-
siderations in food management, including food behav-
ior, quality, consumer acceptability and convenience. Prereq: 3 hrs of economics. 2 hrs and 1 lab.
3021 Clinical Experience in Dietetics (1) Planned activity according to application of the theories of food selection and consumer acceptability in selected community facilities. Coreq: 3000. Com-
munity to students in the Coordinated Undergraduate Program in Dietetics.
3510 Nature of Food (I) Food composition in relation to response of foods to heat, microwave, en-
zymatic, and other physical and chemical treat-
ments. Prereq: 2510. Nutrition 3310 or Nutrition 3000. 2 hrs and 1 lab.
4000 Origins of Foods and Foodways (3) Food origin and development of individual and group foodways. Prereq: 8 hrs of social science or humanities.
4100 Introductory Experimental Food Science (3) Physical and sensory evaluation in experimentation with fats, high protein foods, and better and dough systems. Prereq: 3010. 2 hrs and 1 lab.
4030 Experimental Food Science (3) Individual ex-
perimentation and relation to research literature. Prereq: 4101. Nutrition 2000 recommended. 1 hr and 3 labs.
4040 Food in Contemporary Society (3) Consumer's role in food selection and potential influence with respect to food supply.
4100 Food Preservation (3) Application of basic principles and research findings to food preserva-
3450 Field Experience in Dietetics (4) Experience providing coordinated and continuing nutritional care in health delivery systems. Prereq: 4030. Open only to students in the Coordinated Undergraduate Program in Dietetics.

5000 Seminar (1-3) Staff initiated course for study of special topic(s). Hrs arranged.

5110-20 Advanced Physiological Chemistry (4,3) Prerequisites: Chemistry 1510-20-30 or equivalent and Zoology 2920-30 or equivalent.

5120 Advanced Experimental Food Science (3) Prerequisites: Chemistry 1510-20-30 or equivalent; Zoology 2920-30 or equivalent.

5130 Advanced Physiological Chemistry (3) Special problems and interest of students. May be repeated for credit up to 9 hrs.

5140 Foods and Nutrition: Physiological Principles (3) Prerequisites: Chemistry 1510-20-30 or equivalent and Zoology 2920-30 or equivalent.

5150 Food Textures (3)

5200 Non-Thesis Graduation Completion (3-15) Prerequisites: Consent of instructor. Hrs and credit arranged.

5250 Food Sensory Testing Methods (3) Prerequisites: 3050 or 3410 or equivalent; coreq: 3330.

5300 Advanced Experimental Food Science (3) Prerequisites: Chemistry 1510-20-30 or equivalent; Zoology 2920-30 or equivalent.

5350 Carbohydrates and Fats in Relation to Food Science (3) Prerequisites: 3020 or equivalent.

5410 Reproductive and Developmental Nutrition (3) Nutritional requirements for expectant mothers, infants, children. Prerequisites: 3020 or 3030 or 3410 or 2 hrs and 1 lab.

5411 Clinical Experience in Dietetics (1) Planned clinical experiences applying principles of nutrition to selected health care and community facilities. Coreq: 3410. Open only to students in the Coordinated Undergraduate Program in Dietetics.

5412 Community Nutrition (3) Nutrition problems and public policies that specifically concern community nutrition professionals. Prerequisites: 3020 or 3030 or 3410. 2 hrs and 1 lab.

5413 Clinical Experience in Dietetics (3) Supervised field experiences applying professional practice principles of dietetics. Prerequisites: 3020 or 3030 or 3410. Coreq: 4301.

5414 Community Nutrition (3) Community nutrition problems influencing children, adolescents, and adults. Prerequisites: 3020 or 3030 or 3410. 2 hrs and 1 lab.

5420 Nutrition and Aging (3) Nutrition problems in the aging population. Prerequisites: 3020 or 3030 or 3410. 2 hrs and 1 lab.

5421 Advanced Experimental Food Science (4) Advanced experimental food science applying principles of nutrition in a selected health care facility. Prerequisites: 3200. Open only to students in the Coordinated Undergraduate Program in Dietetics.

5422 Readings in Nutrition (3) Readings and discussions of current literature. Prerequisites: 3410.
2000 Dimensions of Tourism (3) Economic and cultural impact of tourism on society. Examination of forces influencing the domestic and international tourism industry. 3110 Quantitative Food Production, Production, and Service (3) Application of principles necessary for determining needs, producing, storing, processing, and serving foods in systems. Prereq: Food Science 1010 or 2510. Economics 2110 or consent of instructor. 3 hrs. 3 labs.
3210 Tourism, Food, and Lodging Administration Externship (8) Planned educational experiences in selected food and lodging facilities oftourist connected facilities. Prereq: 3110. 3110.
3300 Food Service Administration (3) Effective and efficient use of management resources in food service systems for control in terms of profit and loss only. Three credits to include quantity food laboratory. Prereq: 3110 or consent of instructor. Not open to majors in food service administration.
3500 Survey of Dietetics (1) Introduction to dietetics and to career opportunities, and role of dietitian in health care systems. Prereq: Junior standing. 4130 Food Systems Administration (3) Functions of management applied to food service systems. Prereq: 3110.
4140 Food System Personnel Development (3) Development of training programs for food service personnel. Prereq: 4130 or consent of instructor.
4140 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.
4170 Tourism, Food, and Lodging Managerial Experiential (3-5) Planned educational managerial experience in selected food service systems or food and lodging systems of tourist related enterprises. To be taken at the beginning of the senior year with consent of instructor. Prereq: 4140. 4190.
4250 Food and Lodging Cost Control (3) Cost control analysis. Use of financial statement and inventory control for cost management costing for food and lodging systems. Prereq: 4130, Accounting 2210.
4320 Food and Lodging Plant, Planning and Maintenance (3) Plant layout and design, standards for growth of food and lodging facilities, plant and maintenance. Electrical, mechanical, heating, plumbing, air conditioning and ventilation, and illumination systems. Types of building material and systems. Prereq: 3110 or consent of instructor. 3 hrs. 1 lab.
4370 Food System and Lodging Administration (3) Examination of management principles, processes, and decision making in all departments in tourist and lodging facilities. Current problems in hospitality organization and operation. Prereq: 4130, Accounting 2210.
4520 Community Experiences in Dietetics (2, 3, 5) Development of technical, human, and conceptual skills through planned educational experiences at increasing levels of administrative responsibility in selected food and lodging facilities. Mutually exclusive. Prereq: 3110. 4410. 4410 credits to 4320; 4420 credits to 4410. Open only to seniors in the Undergraduate Program in Dietetics, may be repeated. Maximum credit 6 hrs.
4530 Special Experiences in Dietetics (1, 3) Student or staff initiated course for study of special topics(s) pertinent to the field. Must be determined by instructors and with departmental consent. May be repeated. Maximum departmental approval for credit up to 3 hrs.
4800 Current Topics (1-3) Assigned reading and group discussion of research, literature Hrs and credit arrangement. Prereq: 3110 or consent of instructor. 4800 Seminar (1-3) Review, organization, and reporting of literature on selected topics. May be repeated for credit. Prereq: 4140 or consent of instructor. Hrs and credit arranged. 4870 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 (3-15)
Textiles, Merchandising and Design

Professors: J. Y. Orsini (Head), Ph.D.; Ives States; L. J. Gaalst; Emeritus, Ph.D.; Fred Parrish; M. G. Heard (Emerita), M.A. Columbia.

Associate Professor: J. W. Williams, Ph.D.; Missouri.

Assistant Professors: C. McPherson (Missouri); S. D. Dillard, M.S.; Tennessee.

Interior Design And Housing (582)

1410 Interior Design and Housing Studio (2) Introduction to grammar of design in studio situation with emphasis on design organization, color, and general awareness of immediate environment. Prereq. or coreq.: Home Economics 1001. Required of students specializing in interior design and housing. 1 hr and 3 labs.

1420 Introduction to Interior Design (6) Orientation to interior design, basic creative design skills, drawing, special organization, color and design awareness. Prereq.: Architecture 1002. 1 hr and 3 labs.

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

2450 Equipment in the Home (2) Principles underlying operation and construction of household equipment; processes and supplies involved in using and caring for equipment; recent developments; evaluation of cost; simple maintenance; cleaning of stoves, etc. 1 hr and 2 labs.

3110 Beginning Interior Design (3) Individual and design factors influencing selection, arrangement, equipment, and display problems. Emphasis on the derivation of the greatest satisfaction from homes and places of work. Prereq.: 1 hr and 1 lab.

3125 Historic Interiors (3) Survey of the history of interior design and decorative arts of various cultures. Emphasis on stylistic analysis and relation of design to culture, economic, and political factors.

3130 Color (2) 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.

3355 Residential Interiors (3) Design of single-family residential structure based on analysis of occupant and environment and how they affect the selection and installation of finished materials. Prereq.: 2116 or consent of instructor.

3555 Residential Interiors (9) Study of design of single-family residential structure based on analysis of occupant and environment and how they affect the selection and installation of finished materials. Prereq.: 2116 or consent of instructor.

4110 Home Wiring and Lighting Requirements (3) Service of electricity in modern homes; evaluation ofiping and wiring plans in terms of family desires and need for equipment. 1 hr and 2 labs.

4130 Contemporary Design (3) Furnishings and interiors: economic, technological and sociological influences on development of design to be determined by student and instructor with departmental approval. Elective credit only. May be repeated with new emphasis. Maximum credit 12 hrs. Prereq.: Consent of instructor.

4300 Field Experience (3-15) Supervised field experience in establishments engaged in practice of interior design. Prereq.: Senior standing and consent of faculty.

4650 Family Housing Problems (3) Housing requirements of families. Reading and judging housing plans; effective use of space; maintenance problems; housing regulations and restrictions; site planning and neighborhood development. Prereq.: 6 hrs from Economics 1165-2260.

4930 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.

4610 Studio Problems In Interior Design I (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 consent of department.

4710 Contemporary Developments (1-3) Student initiated course for study of special topics to be determined by students and instructor with departmental approval. Elective credit only. May be repeated with new emphasis. Maximum credit 12 hrs. Prereq.: Consent of instructor.

4790 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 5 hrs. Prereq.: Consent of department head.

4900 Honors: Housing (1-3) Problems for juniors and seniors with special ability and interest in housing. Hours arranged. May be repeated. Maximum credit 5 hrs. Prereq.: Consent of department head.

4970 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 5 hrs. Prereq.: Consent of department head.

5060 Practicum (1-12) Experience under the guidance of instructors and professionals in the field, including repair and maintenance of equipment; application of new knowledge and experience; subject to departmental approval. Prereq.: 12 hrs of chemistry or physics or biology or botany. Prereq.: 12 hrs of chemistry or physics or biology or botany. Prereq.: 12 hrs of chemistry or physics or biology or botany.

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4130 Research Experiences (3-15) Individuals and seniors showing special capabilities may be assigned to ongoing research within department or work in research and development laboratories or quality control departments of apparel and textile companies. Prereq: Recommendation of department head and research advisor, 4210, 4140; and 3 hrs of statistics. May be repeated. Maximum credit 15 hrs.

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

4150 Elementary Textile Microscopy (3) Microscopic techniques as applied to study of textile fibers and fabrics. Prereq: 4010. 1 hr and 2 labs.

4200 Textile Fiber Chemistry (4) Chemistry of textile fibers with emphasis on structure, preparation, and reactions. Implications relating to dyeing and finishing of fabrics. Prereq: One quarter of organic chemistry. 3 hrs and 1 lab.

4210 Elementary Textile Microscopy (3) Methods and equipment used in physical testing as approved by recognized textile groups. Prereq: 3420. 1 hr and 2 labs.

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

4230 Theory and Interpretation of Fashion Design (3) Analysis and application of historical, sociological, cultural, and economic sources of costume design interpretation with emphasis on contemporary design. Prereq or coreq: 1165, 3410, and 3480. 2 hrs and 1 lab.

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

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

4620 Introduction to Field Experience in Merchandising (1) Interviews with store personnel; placement and planning for field experience. Prereq: Economics 2110, 2130, Junior standing, concentration in merchandising option, approval of program coordinator, and a minimum grade point average of 2.2. Open only to students who intend to enroll in 4630-40. May not be repeated.

4630 Field Experience in Merchandising (9) Off-campus, supervised experience in a cooperative program with business establishments which merchandise textiles and/or apparel. Prereq: 3510, 4110, 4620, 9 hrs of marketing, senior standing, major in merchandising, and a minimum grade point average of 2.2; 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, and a minimum grade point average of 2.2; coreq: 4630. Offered fall quarter only.


4700 Contemporary Developments (3) Students should be able to discuss and analyze current trends in the textile and apparel field. Prereq: 4110, 4230, 3110-20.

5000 Thesis

5002 Non-Thesis Graduation Completion (3-15)

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

5120 Advanced Problems in Textiles and Clothing (3)