

**College of
Human
Environmental
Sciences**

College of Human Environmental Sciences

(including the School of Social Work)

DEGREES OFFERED

Bachelor of Science in Human Environmental Sciences (BS HES), with majors in:

Architectural Studies with emphasis areas in *Architectural Studies and Interior Design*

Human Development and Family Studies with emphasis areas in

Child Development and Education

Child Life Specialist

Family and Consumer Sciences Education

Family Studies

General Human Development and Family Studies

Human Development

Human Development and Family Studies and

Social Work (dual degrees)

Nutritional Sciences, with emphasis areas in

Medical Dietetics

Nutrition and Fitness

Nutritional Science

Personal Financial Planning, with emphasis areas in

Personal Financial Planning

Personal Financial Management Services

Textile and Apparel Management

Bachelor of Social Work (BSW)

Minors

Architectural Studies

Nutritional Science

Personal Financial Management Services

Human Development and Family Studies

Textile and Apparel Management

Social Justice

ADMINISTRATION

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The mission of the College of Human Environmental Sciences is to improve the quality of life for individuals and families where they live and work. The human sciences seek scientific solutions to everyday problems such as food and wellness, clothing, shelter, money and financial planning, human growth, family resiliency and social justice. The College of Human Environmental Sciences prepares students to be leaders in some of the largest industries in the world.

The college is unique among its peers in its comprehensive use of professional advisory boards, whose members are leaders in business, government, education and the social services. These experts provide guidance and support from their specialized fields to students and faculty and contribute powerful perspectives to curriculum development.

ADMISSIONS

Undergraduate students may enter the College of Human Environmental Sciences as freshmen. Some programs have requirements beyond those of the University. An entering freshman has the first year to explore the departments and the college as well as the combinations of subject areas for positions in fields such as education, health and welfare, business, industry and government.

All freshmen entering the College of Human Environmental Sciences enroll in GNHE 1100: Introduction to Human Environmental Sciences. This course emphasizes career decision-making, provides an orientation to the campus and the college and brings into focus the role of human environmental sciences in the improvement of the quality of life in the near environment.

TRANSFER STUDENT APPLICATION Human Environmental Sciences

Students in another MU school or college or from another UM System campus must have a cumulative GPA and term GPA of 2.0 or better to be eligible for admission to the College of Human Environmental Sciences. For students who transfer to the UM System from another institution and then apply for transfer into the college, transcripts are re-evaluated by the college to determine what courses will apply to the degree.

A student ineligible to enroll in another school or college may not enroll in the College of Human Environmental Sciences during the period of ineligibility. An appeal for admission may be made after the period of ineligibility is over.

School of Social Work

Undergraduate students who have been admitted to the University after attending another college may request a social work major. Those who have completed more than 55 credits need a GPA of 2.5 or higher on all college work attempted.

Graduation Requirements – Human Environmental Sciences (BS HES)

The completion of all requirements for graduation is the re-

sponsibility of the student. To receive the Bachelor of Science in Human Environmental Sciences, the student must complete the requirements for a professional area of competence in one of the departments, in addition to University requirements.

Students earning a BS HES degree must complete the following courses. Courses of similar content transferred from accredited schools may be substituted for courses listed.

Degree core requirements

GN H E 1100: Introduction to Human Environmental Sciences.....1

Freshmen students must take; strongly recommended if a student enters as a sophomore.

Human Environmental Sciences Foundation courses6

A minimum of two courses outside the student's major selected from two different departments and chosen from the list below.

Architectural Studies

ARCHST 1600: Fundamentals of Environmental Design
ARCHST 4362: Environment and Behavior

Human Development and Family Studies

H D FS 1600: Introduction to the Study of Families
H D FS 1610: Close Relationships in Families
H D FS 2400: Principles of Human Development

Nutritional Sciences

NUTR S 1034: Current Concepts and Controversies
NUTR S 1340: Nutrition and Fitness
NUTR S 2380: Diet Therapy for Health Professionals

Personal Financial Planning

FINPLN 2180: Personal and Family Management
FINPLN 2183: Personal and Family Finance
FINPLN 2185: The Consumer in Our Society

Social Work

SOC WK 1115: Social Work and Social Welfare
SOC WK 2000: Exploration in Social Justice
SOC WK 4710: Social Justice and Social Policy

Textile and Apparel Management

T A M 1100: Introduction to the Textile and Apparel Industry
T A M 1300: Softgoods Retailing
T A M 1400: Global Consumers
T A M 2100: Textiles
T A M 2400: Softgoods Consumer Behavior
T A M 2510: History of Western Dress
T A M 2500: Social Appearance in Time and Space
T A M 3100: Fundamentals of E-Commerce

Electives

Electives vary with the student's professional objectives and are chosen by the student in consultation with the adviser. Up to 4 credits in physical education may be taken for elective credit.

Human Environmental Sciences Extension Specialist

A student who plans to be an extension specialist may choose a subject-matter area of interest. In addition, a master's degree in a subject-matter area generally is required in Missouri.

GENERAL HUMAN ENVIRONMENTAL SCIENCES COURSES

GN H E 1100—Introduction to Human Environmental Sciences (1-2).

The student must fulfill the requirements for the chosen major while pursuing the extension objective. Additional electives can be chosen from such areas as adult education, communications and the social sciences.

Maximum Credits Enrolled

A student with a cumulative GPA below 3.0 must obtain permission from the adviser and the student services director to enroll in more than 17 credits.

Dual Degree - BS HES and BSW

A dual degree is offered in Human Development and Family Studies and Social Work. Students must be admitted to both programs and complete 133 credits. Contact the directors of both programs for more information.

STUDENT SERVICES

Advising

One of the outstanding features of the College of Human Environmental Sciences is its advisement program. It is designed to assist the student in planning a college program, with each student assigned a faculty adviser during the first registration period. In addition, the Student Services Office provides consultation on student problems and concerns.

Degree Audit

A degree audit is prepared for students at the time of each pre-registration. It includes courses completed and those courses remaining to complete the requirements for a degree. It is the student's "contract" with the college, and it ensures that when the degree program has been completed the student will receive a degree.

Students earning credit from another institution will have a transfer equivalencies form completed by the adviser for course work in their professional program. Transfer work is evaluated by the Office of Admissions. The HES Office of Student Services determines how transferred courses fit into a particular degree program. This information is used to update the degree audit each semester.

It is the student's responsibility to initiate a graduation check to be certain that all requirements are met. An appointment for the graduation check should be made in the HES Student Services Office the semester preceding graduation.

Career Services

Career services cover a spectrum of career options. These include business, education and agriculture career services offices on the campus. The Student Services Office and individual advisers provide information regarding procedures. Career exploration information may be obtained in the Career Center.

Department of Architectural Studies

(Formerly the Department of Environmental Design)

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The Department of Architectural Studies offers a Bachelor of Science in Human Environmental Sciences. The Department's mission is to educate future design practitioners, advance research of the built environment, and disseminate knowledge of architectural studies to improve quality of life for people.

The philosophy of the Department of Architectural Studies embraces the synergy created between architecture and interior design. Having a symbiotic relationship, both fields explore the design process and its final products. Promoting the meaning and value of physical settings and responding to the human condition, the program investigates the interaction between people and their surroundings to create a more beautiful and sustainable world. The program encourages an interdisciplinary, scholarly climate celebrating aesthetic values and the human sciences.

Students may wish to consider a minor in art or plant sciences to complement their undergraduate degree. The department offers a minor in architectural studies.

Admission to Studio Sequence in Architectural Studies

Students must apply for admission to the studio sequence required for all of the undergraduate majors. Applications must be made at the end of the winter semester of the freshman level for enrollment in ARCHST 2811: Studio I.

Application forms with deadlines are available from the department. Admittance decisions are based on:

1. Review of design work submitted in a portfolio, which should include:
 - Satisfactory completion of ARCHST 1200-Arch. Drafting and Working Drawings
 - Satisfactory completion of a minimum of one of the following courses (or equivalents):
 - 2-dimensional design coursework from ARCHST 1100-Visual Design, or ART 1030 Basic 2-D Design
 - ART 1050-Drawing I
2. Overall grade point average (including transfer courses), grades received in courses completed, and ACT scores (or equivalent for transfer students)
3. Enrollment capacity (approximately 40 students)

Portfolio Review and Laptop Computer Requirements

At the end of the winter semester of the first academic year, students apply for acceptance to the studio sequence that begins the following fall semester. Acceptance decisions are based on (1) a portfolio review of the design work from the specified courses (drafting, two-dimensional design or beginning drawing), (2) grade point average, and (3) ACT scores.

A laptop computer is required for the studio sequence at the beginning of the sophomore year.

Major Program Requirements – Human Environmental Sciences (BS HES) in Architectural Studies

The interior design emphasis is a four-year, first-professional baccalaureate interior design program accredited by the Council for Interior Design Accreditation (formerly FIDER). The Architectural Studies emphasis includes the accredited interior design program plus additional course work to prepare students to enter a master's program in architecture.

Emphasis Areas

Emphasis in Architectural Studies

The Architectural Studies emphasis prepares students at the undergraduate level for application to professional architectural programs as well as for other roles in society in related fields—in research, government, development, management, planning, etc. While many of these occupations do not require a professional license, they do require an understanding of, and exposure to, a professional education.

Students may choose to continue their program of study for a master's degree in architecture (M ARCH) at another university. Program reciprocity agreements were developed with the University of Kansas (KU) and University of Nebraska. All students interested in these programs are encouraged to maintain regular communication with the cooperating institution, because application and transfer procedures are subject to change.

Sample Eight-Semester Program

Bachelor of Science in Human Environmental Science with a major in Architectural Studies (Architectural Studies emphasis)

Fall I	Winter I
ARCHST 1100..... 3	ARCHST 1600 3
ENGLSH 1000..... 3	ART 1050 3
ARCHST 1200..... 3	MATH 1100..... 3
HES Foundation..... 3	Bio/Phys Science..... 2
G N HE 1100..... 1	American Government 3
SOC/BEH Science 3	Total 14
Total..... 164	
Fall II	Winter II
ARCHST 2220..... 3	ARCHST 3230 3
ARCHST 2230..... 3	ARCHST 3182 4
ARCHST 2600..... 3	AR H A 1120 3
ARCHST 2811 4	MATH 1320 3
ARCHST 2310..... 3	Communications..... 3
Total..... 16	Total 16
Fall III	Winter III
ART 1040..... 3	ARCHST 4333 3
ARCHST 3371 1	ARCHST 4420 3
ARCHST 4410..... 3	ARCHST 4620 3
ARCHST 4823..... 4	ARCHST 4824 4
PHYSCS 1210 4	Elective 3
Total..... 15	Total 16
Fall IV	Winter IV
ARCHST 4710..... 3	ARCHST 4990 4
ARCHST 4860..... 2	Social/Behavioral
ARCHST 4320..... 3	Science 3
HES Foundation..... 3	Electives 8-9
Elective 6	Total 16
Total..... 17	Total 125

Emphasis Areas

Emphasis in Interior Design

The professional interior designer enhances the function and quality of interior spaces. Design studio experiences are the core of the undergraduate design curriculum. Studio exercises focus on a cyclical refinement of the design process and the integration of increasingly complex problem parameters. Studios encourage interaction between instructor and students in the design studio sequence.

Sample Eight-Semester Program

Bachelor of Science in Human Environmental Science with a major in Architectural Studies (Interior Design emphasis)

Fall I	Winter I
GN HE 1100..... 1	ART 1050 3
ARCHST 1100..... 3	ARCHST 1600 3
ARCHST 1200..... 3	MATH 1120..... 3
ENGLSH 1000..... 3	Physical/Biological/Math
Social/Behavioral 3	Science 3
Science 3	American Government/
HES Foundation..... 3	Social Science/Behavioral
Total..... 16	Science 3
	Total 15
Fall II	Winter II
ARCHST 2220..... 3	ARCHST 3230 3
ARCHST 2230..... 3	ARCHST 3182 4
ARCHST 2600..... 3	AR H A 1120 3
ARCHST 2811 4	MATH 1320 3
ARCHST 2310..... 3	Communications..... 3
Total..... 16	Total 16
Fall III	Winter III
ART 1040..... 3	ARCHST 4420 3
ARCHST 4320..... 3	ARCHST 4620 3
ARCHST 4410..... 3	ARCHST 4814 4
ARCHST 4813..... 4	ARCHST 4333 3
Communications 3	HES Foundation 3
Total..... 16	Total 16
Fall IV	Winter IV
ARCHST 4710..... 3	ARCHST 4990 4
ARCHST 4860..... 2	Electives 8
ARCHST 4320..... 3	Social/Behavioral
HES Foundation..... 3	Science 3
Elective 6	Total 15
Total..... 16	Total 125

Minor in Architectural Studies

A minor in the Department of Architectural Studies is comprised of a minimum of 15 credits.

Minor core requirements .....3
ARCHST 1600: Fundamentals of Environmental Design
Electives (choose from) .....12
ARCHST 1100: Visual Design
ARCHST 1200: Architectural Drafting and Working Drawings
ARCHST 2220: Computer Aided Drafting with AutoCAD
ARCHST 2310: Building Systems
ARCHST 2315: Building Systems Lab
ARCHST 4230: Computer Graphic Applications for Design

ARCHST 4320: Materials, Methods and Products
ARCHST 4410: History of the Designed Environment to 1750
ARCHST 4420: History of the Designed Environment after 1750
ARCHST 4555: Recent Trends
ARCHST 4620: Environment and Behavior

For exceptional students, with consent of instructor and department approval, additional course work in the department may be selected.

ARCHITECTURAL STUDIES

ARCHST 1005—Topics in Architectural Studies - Humanities(cr.arr.) Organized study of selected topics in architectural studies. Particular topic and earnable credit may vary by semester. Prerequisite: instructor's consent. May be repeated for credit up to 6 credit hours.

ARCHST 1100—Visual Design (3). Design study on introduction to basic design and visual composition and their application to creation of two- and three-dimensional abstract and/or functional design. Studio exercises expressed through drawings and abstract models, using various media.

ARCHST 1200—Architectural Drafting and Working Drawings (3). Beginning drafting including equipment and materials; lettering; floor plans, sections, elevations; orthographic and axonometric drawings; working drawings; and details.

ARCHST 1600—Fundamentals of Environmental Design (3). Survey of the architectural environment emphasizing design fundamentals such as use, aesthetics, stability of structures and human relationships with places and time.

ARCHST 2005—Topics in Architectural Studies - Humanities(cr.arr.) Organized study of selected topics in architectural studies. Particular topic and earnable credit may vary by semester. Prerequisite: instructor's consent. May be repeated for credit up to 6 credit hours.

ARCHST 2085—Problems in Architectural Studies(cr.arr.) Supervised independent work. Prerequisite: instructor's consent.

ARCHST 2100—Understanding Architecture (3). Overview of the architectural environment emphasizing historical, cultural-behavioral, perceptual and conceptual studies. Prerequisite: ARCHST 1200, 1600.

ARCHST 2220—Computer-Aided Drafting with AutoCad (3). Introduction to computer-aided drafting and design with AutoCad software. Emphasis will be placed on development of skills and problem solving related to the professions of environmental and interior design. Prerequisite: ARCHST 1200.

ARCHST 2230—Design Communication I (3). Beginning studio course in techniques and conventions of graphic communication as an aid in the design process for interior designers. Prerequisites: ARCHST 1200 or equivalent; ART 1050 or equivalent.

ARCHST 2310—Building Systems (3). Integrated building systems: structure, construction, technology, comfort; including voice-data communication, safety, floor, wall, ceiling, mechanical, electrical, and plumbing systems; and project estimating. Prerequisites: ARCHST 1200, MATH 1100/1120.

ARCHST 2315—Building Systems Laboratory (1-3). Building system renovations, materials, processes, finishes, and applications testing: furniture design, fabrication, finishing, lighting, concrete and masonry, wood and steel light framing construction, and mock-up fabrication and testing. May be repeated for credit.

ARCHST 2811—Studio I (4). Application of basic design and composition to built form. Studio exercises in two and three dimensions using various media relating to usable space/s. Formation of design concept, development of form and space, and application in built environment. Prerequisite: ARCHST 1100, or ART 1030 and ARCHST 1200, ART 1050.

ARCHST 3182—Studio II (4). Application of basic design principles to built forms and functional spaces. Identification and manipulation of elements of design, understanding spatial relationships between human body and spatial enclosures related to built forms. Spatial organization and familiarity with role of immediate context. Prerequisites: ARCHST 2600, 2811, instructor's consent. Co-requisites: ARCHST 2230, 2310.

ARCHST 3230—Design Communication II (3). Advanced studio course in techniques and conventions of graphic communication as aids in the design process. Prerequisite: ARCHST 2230.

ARCHST 3371—Design Resource Management (1). Field experience (5 hours per week) in organization and management of resources used by interior designers, including references, product information, and samples of materials and finishes. Prerequisite: ARCHST students.

ARCHST 3600—Environmental Analysis (3). Discover through analytical methods of primary organizational factors which operate in a building and reveal the preoccupations of designer. Analytical approach investigates design principles by means of dissection. Prerequisite: ARCHST 1200, 1600.

ARCHST 4001—Topics in Architectural Studies(cr.arr.) Selected current topics in field of interest.

ARCHST 4085—Problems in Architectural Studies(cr.arr.) Supervised independent work. Prerequisites: 3000-level course in field of problem and junior or senior standing and instructor's consent.

ARCHST 4230—Computer Graphic Application for Design I (3). Applications of computer graphics for design and art; includes visualization, animation and creative development. Prerequisite: junior standing. May repeat up to 12 credit hours maximum.

ARCHST 4320—Materials, Methods and Products (3). Inherent qualities of materials used in the design of interior environments. Manufacturing, application, and installation methods. Focus on environmentally sensitive materials. Prerequisite: ARCHST 2310.

ARCHST 4333—Compliance and Specifications (3). Application of laws, codes, regulations, standards in specifying for life safety, barrier-free and universal design, lighting, human factors, and contract documents. Prerequisites: ARCHST 2220, 4320, 4813 or 4823.

ARCHST 4355—Recent Trends in Digital Media I(cr.arr.)

ARCHST 4410—History of the Designed Environment to 1750 (3). An in-depth study of the designed environment including housing interiors, and furniture of the major historical periods from prehistory to the Industrial Revolution. Prerequisites: AR H A 1110 or 1120.

ARCHST 4420—History of the Designed Environment after 1750 (3). An in-depth study of the designed environment, including housing, interiors, and furniture of the major historical periods from the Industrial Revolution to today. Prerequisites: AR H A 1110 or 1120.

ARCHST 4550—Electronic and Manual Portfolio (3). Studio course emphasizing techniques and conventions of preparation for portfolio material. Focus on concepts of design, layout, reprographic techniques, and final production.

ARCHST 4555—Recent Trends(cr.arr.) Upper-division students seeking additional knowledge in specific subject matter areas including digital media software.

ARCHST 4620—Environment and Behavior (3). Evaluate relationships between human behavior and environmental design. Survey of environment and behavior theoretical foundations examining how these concepts translate into a more responsive theory of design. Prerequisites: junior standing.

ARCHST 4660—Housing Concepts and Issues (3). Evaluate housing policies, regulations, codes, programs; global and ecological perspectives of environment and behavior; historic preservation; financial issues; trends and projections. Prerequisite: junior standing.

ARCHST 4710—Design Business Practices (3). Analysis of the basic professional, human, and business skills necessary for the successful design practice. Pre- or Co-requisites of Studio IV and anticipated graduation during final academic year.

ARCHST 4813—Interiors Studio III (4). Spatial morphology, organization pattern, construction methods, materials, systems, and processes and integration with total design processes. Space planning and spatial manipulation in response to social, environmental, functional, and aesthetics specific to interiors. and instructor's consent. Co-requisite: ARCHST 3182 and 3230.

ARCHST 4814—Interiors Studio IV (4). Continuation of Architectural Studies 4813. Manipulation of form and space responding to programmatic functions and activities, and constraints imposed by structure, building materials, spatial enclosure, and related factors. Projects may involve designing single-function space to multiple-function layered spaces--both vertically and horizontally. Prerequisite: ARCHST 4813.

ARCHST 4815—Studio V (4). A continuation of previous studio with emphasis on digital media. Prerequisite: ARCHST 4814.

ARCHST 4823—Architectural Studio III (4). Continuation of ARCHST 3182. Spatial morphology, organization pattern, construction methods, materials, systems, and processes and integration with total design process. Space planning and spatial manipulation in response to social, environmental, functional, and aesthetics specific to architecture. Prerequisites: ARCHST 3182; 3230.

ARCHST 4824—Architectural Studio IV (4). Continuation of ARCHST 4823. Manipulation of form and space responding to programmatic functions and activities, and constraints imposed by structure, building materials, spatial enclosure, and related factors. Projects may involve designing single-function space to multiple-function layered spaces -both vertically and horizontally. Prerequisite: ARCHST 4823.

ARCHST 4860—Programming for Thesis Design Studio (2). Develop written comprehensive program for thesis design studio project. Supervised by student-selected committee -- one departmental thesis advisor and at least one additional faculty member. Prerequisite: ARCHST 4814 and 4815.

ARCHST 4940—Internship in Environmental Design (cr.arr.) Field experience in design under professional and educational supervision. Prerequisites: instructor's consent. Graded on S/U basis only.

ARCHST 4960—Readings in Architectural Studio (cr.arr.) Readings in recent research materials.

ARCHST 4990—Thesis Design Studio (4). Capstone experience on a single comprehensive project. Objective is to enable synthesis of previous course work by addressing a design problem defined in ARCHST 4860. Prerequisites: ARCHST 4860, 4824.

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CHILD LIFE PROGRAM COORDINATOR N. Hager

The Department of Human Development and Family Studies (HDFS) combines basic understanding of human development with preparation for professional service to individuals and families. Career opportunities are primarily found in human service agencies serving children, adolescents, older adults, parents and families. The human development and family studies major also prepares the student for graduate study in HDFS and related fields.

The department offers the BS HES with a major in Human Development and Family Studies. A dual degree with the School of Social Work also is available. The student's program is developed from a base of human development and family studies courses. The student working with children must be able to maximize the resources offered by the family. The student concerned with the quality of family life must also recognize the intricate spiral of changing needs in the growing individual. The human development and family studies area focuses on this synthesis and requires further specialization in emphasis areas. (Note:

Emphasis areas appear on transcripts but not on diplomas.)

Emphasis Areas

- *Child Development and Education*
- *Child Life*
- *Family and Consumer Sciences Education*
- *Family Studies*
- *General, Human Development and Family Studies*
- *Human Development*
- *Human Development and Family Studies and Social Work*

Major Program Requirements - Human Development and Family Studies (BS HES)

Majors in all of the emphasis areas in HDFS must complete the core courses below:

Grade of 2.0 or better required in the following classes:

H D FS 1600: Foundations of Family Studies	3
H D FS 2200: Research Methods	3
H D FS 2300: Multicultural Study of Children and Families	3
H D FS 2400: Principles of Human Development	3
H D FS 2420: Early and Middle Childhood	3
H D FS Laboratory Classes*	3-5
Major core requirements.....	18-20

*Child Development Laboratory Courses H D FS 2500, 3500, 3510, 3520 and 4500 all have prerequisites and require the consent of the instructor. Because enrollment is limited, students must see their advisers to be placed on the waiting list a minimum of two semesters before anticipated enrollment. Students in the Human Development emphasis may substitute another practicum experience (in adolescence or adulthood) with consent of adviser.

In addition to the required courses, the degree program is completed with courses selected from within the department, from other areas in the College of Human Environmental Sciences, and from the social sciences and allied professional fields such as education, recreation, business and health. For some students, courses in the arts, humanities, or biological sciences may be appropriate. For the degree requirements for the dual degree - BS HES and Social Work refer to the section for the School of Social Work.

Emphasis in Child Development and Education

This emphasis is designed to prepare graduates for positions of responsibility and leadership in public and private preschool programs, child-care centers, infant-care programs, after-school programs and other educational and social service facilities that serve families and children. Additional job opportunities include group homes, shelters, child care and provider training agencies, Parents as Teachers and YMCA/YWCA.

The general goal of the emphasis area is to provide instruction and experience to help students gain competence in working with young children and their families. The emphasis is on understanding human development, with primary focus on child development, behavior and learning, and on planning for families. Attention is also devoted to the development of working relationships with children, parents, professional colleagues and community workers.

Required Entry Courses HDFS 1600*, 2400*	6
Emphasis core requirements	15

COMMUN 1200: Introduction to Speech Communication OR COMMUN 3571: Group Communication	3
NUTR S 1034: Nutrition, Current Concepts and Controversies	3
FINPLN 2183: Personal and Family Finance OR 2185: The Consumer in Our Society	3
H D FS 2200*: Research Methods	3
STAT 1200: Introductory Statistical Reasoning OR STAT 1300: Elementary Statistics OR E&CPSY 4170: Educational Statistics	3
Subject area requirements in HDFS	41
*H D FS 2300: Multicultural Study of Children and Families	3
*H D FS 2420 Early and Middle Childhood.....	3
*H D FS 2500: Infant-Toddler Development and Programs	4
*H D FS 2510: Curriculum and Activities for the Early Childhood Setting.....	3
*H D FS 2530: Quality School-Age Programs	3
*H D FS 2600: Working With Parents	3
*H D FS 3500: Child Development Laboratory	5
*H D FS 3530: Overview of Programs for Children	3
*H D FS 4500: Advanced Child Development Lab.....	12
*H D FS 4510: Administration of Programs for Children and Families	3
*H D FS 4720: Child and Family Advocacy	3
* Student must earn 2.00 or better in course.	
Requirements in related areas	12
C&I 4500: Emergent Language in Early Childhood	3
C&I 4510: Assessment in Early Childhood	3
SPC ED 4305: Introduction to Special Education for Regular Educators	3
Supporting courses (from HDFS and related areas)	3

Emphasis in Child Life Specialist

This emphasis prepares graduates to provide for the social/emotional needs, and support the optimum growth and development, of children and their families in a variety of health care settings. Child life specialists use therapeutic play, psychological preparation, and coping skills interventions to help reduce the anxiety and stress related to illness, disability, hospitalization and medical procedures. Through a “family-centered care” approach, they provide parents and other family members reassurance and emotional support, help them understand children’s psychosocial needs, and provide tools to help them minimize psychological trauma.

Courses focus on understanding normal and exceptional child and family development, effective methods of working with children and families, as well as integration of theory and research into hands-on clinical practice experiences (evidence-based practice). Students who successfully complete the degree program should be well prepared to take the Child Life Professional Certification Exam presented by the Child Life Council Certification Committee. The student’s last semester is spent outside Columbia in a 480-clock-hour (minimum) clinical internship in a pediatric hospital setting.

All courses in sections A-B below are required.

Required Entry Courses: H D FS 1600* and 2400*	6
A. Major core requirements	23
BIO SC 1500: Introduction to Biological Systems	5
Physical Sciences: CHEM 1100: Atoms and Molecules w/lab OR CHEM 1310 General Chemistry I.....	3
FINPLN 2183: Personal and Family Finance	3
*H D FS 2200: Research Methods	3

NUTR S 1034: Nutrition, Current Concepts and Controversies	3
PHIL 4510: Medical Ethics	3
STAT 1200: Introductory Statistical Reasoning OR STAT 1300: Elementary Statistics OR E &CPSY 4170: Educational Statistics	3
B. Requirements in HDFS	52
*H D FS 2300: Multicultural Study of Children and Families	3
*H D FS 2420: Early and Middle Childhood.....	3
H D FS 2430: Adolescence and Young Adulthood	3
H D FS 2600: Working with Parents	3
*H D FS 2500: Infant-Toddler Development and Programs	4
H D FS 2510: Curriculum and Activities for the Early Childhood Setting	3
*H D FS 3500: Child Development Laboratory	5
H D FS 4085: Problems (Child Life Volunteering)	1
H D FS 4100: Children in Health Care Settings	3
H D FS 4110: Child Life Theory Practice	3
H D FS 4510: Administration of Programs for Children & Families	3
** H D FS 4130: Child Life Practicum	3
H D FS 4400: Childhood Death and Bereavement	3
H D FS 4720: Child and Family Advocacy	3
***H D FS 4993: Internship.....	15

- * Student must earn 2.00 or better in course.
- ** Students are admitted to H D FS 4130 on a competitive and space-available basis. Interview applications are considered the semester before the student wishes to take H D FS 4130.
- ***Students are admitted to H D FS 4993 after satisfactory completion of HDFS 4130 (grade of 3.0 or higher). Students must be selected by hospitals through a student-initiated competitive application process.

Supporting course work (choose from).....	9
C&I 4510: Assessment in Early Childhood Education (Required)	3
HP 2190: Medical Terminology (Required).....	3
H D FS 4620: Family Interaction OR H D FS 4470: Problems of Development in Multicultural Context OR C S&D 1110: Manual Communication I.....	3

Emphasis in Family and Consumer Sciences Education

This emphasis prepares graduates for certification to teach family and consumer sciences from birth to grade 12 in public schools. The program combines courses in the human sciences with courses in teacher preparation from the College of Education. In order to take junior-level course work in the College of Education, students must meet minimum GPA and ACT score requirements. In order to be admitted into the certification phase of the program, students must have completed General Certification Requirements, Professional Education Requirements: TDP 2000 and TDP 2020, and Content Area Requirements

Emphasis core requirements

Social and behavioral sciences	
POL SC 1100: Intro to Political Science OR 1700: American Government	3
HIST 1100 OR 1200	3
PSYCH 1000.....	3

GN HE 1100: Intro to Human Environmental Sciences	.....1
TDP 2000: Inquiry into Learning I	.....4
TDP 2020: Inquiry into Learning II	.....4
***TDP 4040: Inquiry into Schools, Communities and Society I	.....3
***TDP 4060: Inquiry into Schools, Communities and Society II	.....2
***H D FS 4800: Program and Curriculum Design for Family and Consumer Sciences Education	.....3
***H D FS 4940: Field Experience	.....1
***H D FS 4820: Assessment in Family and Consumer Sciences	.....2
***H D FS 4941: Field Experience	.....1
***H D FS 4830: Methods of Teaching Family & Consumer Sciences in Middle and Secondary Schools	.....3
***C & I 4560: Teaching of Reading in the Content Area	..2
***H D FS 4942: Student Teaching Family and Consumer Sciences in Middle and Secondary Schools	.....15
Emphasis content area	
Family and human development*	
H D FS 3500: Child Development Laboratory	.....5
Nutrition and wellness	
NUTR S 1034: Nutrition: Current Concepts & Controversies	.....3
HRM 1995: Principles of Food Preparation	.....5
NURT S 1340: Nutrition and Fitness	.....3
Family and consumer resource management	
FINPLN 2183: Personal and Family Finance	.....3
FINPLN 2185: The Consumer in Our Society	.....3
ARCH ST 1600: Fundamentals of Environmental Design	.....3
ARCH ST 4320 Materials and Methods	.....3
T A M 2200: Textiles	.....3
T A M 2500: Social Appearance in Time and Space	.....3
Additional requirement for the HDFS degree*	.....3
H D FS 2200: Research Methods	

* Must earn 2.00 or better in course.

** Must have a 2.75 GPA and a 22 composite ACT score before enrolling.

*** Must have completed General Certification Requirements, Professional Education Requirements for TDP 2000 and TDP 2020, and Content Area Requirements prior to enrolling.

Emphasis in Family Studies

This emphasis acquaints the student with the concepts and principles basic to the development of a broad understanding of families and how they function in a changing environment. Relationships within families are studied, as are the relationships between families and other social groups (communities, schools, employees, etc.). The family studies major emphasizes diverse and multicultural family structures and processes.

Students completing this program will have met most of the academic qualifications to apply to become a provisional Certified Family Life Educator (by the National Council on Family Relations).

Major core requirements

NUTR S 1034: Nutrition, Current Concepts and Controversies	.....3
Total from Categories I-XII	.....60
A minimum of 60 credits must be selected from categories	

I-XII below.

- At least one course must be taken from each category I-XI, although additional courses can be used to fulfill the 60-credit requirement.
 - Students must take at least 14 credits in HDFS courses at the 3000-level from categories I-X listed below (not including H D FS 3510, 4640 and 4993).
 - H D FS 1600 must be taken before H D FS 2300 or any 3000-level H D FS course.
- *Course is required.
**Student must earn a 2.00 or better in course.

I. Families and society

- **H D FS 1600: Foundations of Family Studies (3)
- **H D FS 2300: Multicultural Study of Children & Families (3)
- H D FS 4300: Black Families (3)
- H D FS 4655H: History of the Family in Russia (3)
- RU SOC 1150: The Amish Community (3)
- SOCIOL 3420: The Family (3)

II. Internal dynamics of families

- H D FS 4610: Stress in Families (3)
- H D FS 4700: Children and Families in Poverty (3)
- H D FS 4740: Parent-Child Relations over the Life Course (3)
- H D FS 4620: Family Interaction (3)
- H D FS 4630: The Process of Divorce (3)

III. Human growth and development

- ** H D FS 2400: Principles of Human Development (3)
- ** H D FS 2420: Early and Middle Childhood (3)
- H D FS 2430: Adolescence and Young Adulthood (3)
- H D FS 2440: Adulthood and Aging (3)
- H D FS 4470: Problems of Development in a Multicultural Context (3)
- SOCIOL 4210: Sociology of Aging (3)
- WGST 1360: The Female Experience: Body, Identity and Culture (3)

IV. Human sexuality

- PSYCH 2810 Human Sexuality (3)
- C & I 4650: Education in Human Sexuality (3)

V. Interpersonal relations

- **H D FS 4640: Interpersonal Relationships (3)
- COMMUN 3571: Group Decision Making Processes (3)

VI. Family resource management

- FINPLN 2183: Personal and Family Finance (3)
- FINPLN 4380: Family Ecology (3)
- FINPLN 4382: Financial Planning and Risk Management (3)

VII. Parent education

- H D FS 2500: Infant and Toddler Development & Programs (3)
- H D FS 2600: Working with Parents (3)
- **H D FS 3510: Child and Family Development Laboratory (5)

VIII. The family, the law and public policy

- *H D FS 4720: Child and Family Advocacy (3)

IX. Ethics

- PHIL 1100: Introduction to Ethics (3)
- PHIL 2400: Ethics and the Professions (3)
- PHIL 4510: Medical Ethics (3)

X. Family Life Education Methods

- **H D FS 4970: Family Studies Capstone (3)
- *H D FS 4993: Internship (3-6)

XI. Research Foundations

- **H D FS 2200: Research Methods OR
- PSYCH 3010: Research Methods in Psychology OR

- SOCIOL 2950: Social Research (3)
- *STAT 1200: Introductory Statistical Reasoning OR
- STAT 1300: Elementary Statistics OR
- ESC PS 4170: Educational Statistics 1 OR
- SOCIOL 4120: Social Statistics (3)

XII. Related electives (approved by adviser) to total 60 credits in categories I-XII

- *Course is required
- **Students must earn a 2.00 or better in course

Emphasis in Human Development

This emphasis provides students with an in-depth understanding of normative human development across the lifespan, as well as appreciation for diversity in developmental experiences within and across cultures and socioeconomic groups. Students also are introduced to problems of development. It emphasizes the acquisition of basic critical thinking skills as they relate to the research process and the application of human development principles and critical thinking skills as they relate to practice. Students select one phase of the lifespan (infancy-early childhood, adolescence, youth services, or adulthood) as a focus.

Major core requirements.....12

- NUTR S 1034: Nutrition, Current Concepts and Controversies.....3
- FINPLN 2183: Personal and Family Finance3
- PHIL 1100: Introduction to Ethics OR
- PHIL 2400: Ethics and the Professions OR
- PHIL 4510: Medical Ethics3
- ANTHRO 1000: General Anthropology (3) OR
- ANTHRO 1350: Deviance: A Cross Cultural Perspective OR
- ANTHRO 1300: Multiculturalism: An Introduction OR
- ANTHRO 2030: Cultural Anthropology OR
- ANTHRO 4350: Psychological Anthropology3

Required courses.....41

Required Entry Courses: H D FS 1600 and 24006

A minimum of 60 credits must be completed in the areas below, with a minimum of 42 H D FS credits. H D FS 2400 should be taken first in the sequences of developmental courses (before H D FS 2420, 2430, 2440, 4470). H D FS 1600 should be taken before other family courses (2300, 4300, 4702, 4740, 4640, 4650, or 4630).

- **H D FS 2200: Research Methods3
- **H D FS 2300: Multicultural Study of Children and Families3
- **H D FS 2420: Early and Middle Childhood.....3
- H D FS 2430: Adolescence and Young Adulthood3
- H D FS 2440: Adulthood and Aging3
- H D FS 4470: Problems of Development in Multicultural Context3
- STAT 1200: Introductory Statistical Reasoning OR
- E&CPSY 4170: Educational Statistics 1 OR
- STAT 1400: Statistical Analysis OR
- SOCIOL 4230: Social Statistics3
- H D FS 4700: Children and Families in Poverty OR
- H D FS 4300: Black Families OR
- H D FS 4655H: History of the Family in Russia3
- H D FS 4720: Child and Family Advocacy3
- H D FS Developmental Practicum course related to emphasis:
- H D FS 2500: Infant and Toddler Development & Programs OR
- H D FS 3500/3510: Child Development Laboratory OR Placement in a well-supervised and arranged practicum working with relevant age group (adolescents, adults, or elders). Adviser will assist in setting up these alternative

- placements.5
- H D FS 4993: Internship in Human Development and Family Studies..... 3-6

**Students must earn a 2.00 or better in course

Developmental emphasis area.....12

Students must complete 12 credits from courses designated in a selected area: I, II or III. Emphasis IV requires 15 credits

I. Infancy, early and middle childhood

- C S&D 4420: Reading & Language Disabilities in School-age Children (3)
- C S&D 4020: Language Disorders in Children (3)
- C & I 4500: Emergent Language in Early Childhood (3)
- C & I 4510: Assessment in Early Childhood Education (3)
- E&CPSY 4130: Parent Counseling & Consultation (3)
- H D FS 2600: Working with Parents (3)
- H D FS 2500: Infant & Toddler Development and Programs (if not taken above) (5)
- PSYCH 3810: Normal Language Development (3)
- PSYCH 4540: Emotional Disorders in Childhood and Adolescence (3)
- SOC WK 4550: Introduction to Child Welfare Practice and Services (3)
- SOC WK 4390: Helping Strategies with Children & Adolescents (3)
- SPC ED 4305: Introduction to Special Education for Regular Education (3)

II. Adolescence

- H D FS 2600: Working with Parents (3)
- H D FS 4640: Interpersonal Relationships (3)
- C S&D 4020: Language Disorders in Children (3)
- PSYCH 2810: Human Sexuality (3)
- PSYCH 4540: Emotional Disorders in Childhood and Adolescence (3)
- SOC WK 4360: Working with Minority Youth (3)
- SOC WK 4370: Delinquency, Corrections & Social Treatment (3)
- SOC WK 4390: Helping Strategies with Children & Adolescents (3)
- SOCIOL 3255: Youth in Today's World (3)
- NUTR S 2460: Eating Disorders (2)

III. Adulthood and Aging

- H D FS 2600: Working with Parents (3)
- H D FS 4640: Interpersonal Relationships (3)
- PSYCH 4540: Human Sexuality (3)
- NUTR S 2450: Nutrition Throughout the Lifespan (3)
- SOCIOL 2230: Social Perspectives on Aging (3)
- SOCIOL 4210: Sociology of Aging (3)
- SOCIOL 4300: Death and Dying (3)
- PSYCH 3140: Cognitive Psychology (3)
- PSYCH 3150: Human Memory (3)
- PSYCH 4830: Psychology of Women (3)
- PSYCH 4410: Psychology of Aging (3)
- E&CPSY 4180: Foundations of Rehabilitation (3)
- PHIL 4510: Medical Ethics (if not taken as the ethics course) (3)

IV. Youth Services

Students must meet all other HDFS emphasis and General Education Requirements, in addition to the following:

One of the Following:

- SOCIOL 3255: Youth in Today's World (3)
- SOC WK 4380: Social Work Practice with Minorities: African-American Emphasis (3)

One of the Following:

- SOC WK 4360: Working with Minority Youth (3)
- SOC WK 4390: Helping Strategies with Children and

Adolescents

One of the Following:

- SOC WK 4740: Intro to Community and Organizational Processes (3)
- RU SOC 4341: Building Communities from the Grassroots (3)

Students Must Take:

- P R&TR 3215: Program Development in Leisure Services (3)
- Volunteerism course TBA

Optional Related Electives

- P R&TR 4208: Administration of Leisure Services (3) OR
- HDFS 4510: Administration of Programs for Children and Families (3)

Capstone/internship experience

H D FS 4993: Internship in Human Development and Family Studies 3-6

Students must participate in a faculty supervised research experience dealing with their developmental emphasis area or work with the particular age group (with good supervision) in their emphasis area. (This experience should be different from that done in the required practicum course.) For most students the research experience is advised, but depending on student interests and career goals and on adviser recommendations, the practitioner option would be available.

Supporting course work

H D FS-related course work (approved by the adviser) to bring the total credits in the program to 60 credits.

Note: Only six hours of graduate work may be completed by undergraduates, and only during their senior year. See Dual Enrollment in the Academic Rules and Regulations section of this catalog.

Minor in Human Development and Family Studies

A minor in HDFS may be obtained by taking 15 credits in the following courses:

- H D FS 1600: Foundations of Family Studies3
- H D FS 1610: Intimate Relationships & Marriage.....3
- H D FS 2400: Principles of Human Development3
- *H D FS 2420: Early and Middle Childhood OR
- H D FS 2430: Adolescence and Young Adulthood OR
- H D FS 2440: Adulthood and Aging3
- H D FS 2300: Multicultural Study of Children and Families3
- * Students who have completed PSYCH 2410 cannot receive credit for H D FS 2420.

Sample Eight-Semester Programs

Bachelor of Science in Human Environmental Science with a major in Child Development & Education

Fall I	Winter I
HES 1100 .....1	MATH 1120 .....3
HDFS 1600 .....3	HDFS 2400 .....3
Biological Science	NUTR S 1034 .....3
w/Lab .....5	SOCIOL 1000 .....3
ENGLSH 1000.....3	Am History/Government .3
PSYCH 1000.....3	Total.....15
Total.....15	
Fall II	Winter II
HDFS 2200 .....3	Communication.....3
HDFS 2420 .....3	HDFS 2300 .....3
Social/Behavioral	Humanities .....3
Science .....3	HDFS 2530 .....3
Humanities .....3	Statistics .....3
FINPLN 2183 .....3	Total.....15
Total.....15	
Fall III	Winter III
HDFS 2500 .....4	HDFS 3500 .....5
HDFS 2510 .....3	HDFS 2600 .....3
HDFS Supporting Course .3	C&I 4500 .....3
C&I 4510 .....3	Physical Science.....4
Elective .....3	Total.....15
Total.....16	
Fall IV	Winter IV
HDFS 3530 .....3	HDFS 4500 .....12
HDFS 4510 .....3	HDFS 4720 .....3
SPC ED 4305.....3	Total.....15
Humanities .....3	
Elective .....3	
Total.....15	

Sample Eight-Semester Programs

Bachelor of Science in Human Environmental Science with a major in Child Life Specialist

Fall I	Winter I
HES 1100 .....1	NUTR S 1034 .....3
Biology with lab.....5	Humanities .....3
ENGLSH 1000.....3	SOCIOL 1000 .....3
HDFS 1600 .....3	HDFS 2400 .....3
PSYCH 1000.....3	MATH 1120 .....3
Total.....15	Total.....15
Fall II	Winter II
HDFS 2420 .....3	Anthropology .....3
HDFS 2510 .....3	HDFS 2500 .....4
Physical Science.....4	Statistics .....3
Humanities .....3	HDFS 2300 .....3
FINPLN 2183 .....3	Communication.....3
Total.....16	HDFS 4085 .....1
	Total.....17
Fall III	Winter III
Hist or Pol Science.....3	HDFS 2600 .....3
HDFS 4100. ....3	HDFS 2200 .....3
HP 2190.....2	HDFS 2430 .....3
HDFS 3500 .....5	HDFS 4400 .....3
HDFS 4110 .....3	HDFS 4720 .....3
Total.....16	Total.....15
Fall IV	Winter IV
PHIL 1100 OR 4510 .....3	HDFS 4993 .....15
C&I 4510 .....3	Total.....15
HDFS 4510 .....3	
HDFS 4130 .....3	
Supporting Coursework .3	
Total.....15	

Sample Eight-Semester Programs

Family Studies

Fall I

HES 1100	1
HDFS 1600	3
Biological/Physical Science w/lab	4-5
ENGLSH 1000.....	3
PSYCH 1000.....	3
Total.....	14-15

Fall II

HDFS 2420	3
PHIL 1100.....	3
Communication.....	3
Statistics	3
ANTHRO 1000.....	3
Total.....	15

Fall III

HDFS 3510	5
HDFS 4640	3
HDFS 4000-level Course.	3
Human Sexuality Course .	3
FINPLN 2183	3
Total.....	17

Fall IV

HDFS 4970	3
Humanities	3
Related Electives.....	6
Elective	3
Total.....	15

Winter I

MATH 1120	3
HDFS 2400	3
SOCIOL 1000	3
NUTR S 1034	3
Humanities	3
Total.....	15

Winter II

HDFS 2300	3
HDFS 2200	3
Hist or Pol Science.....	3
Biological/Physical Science	1-2
Elective	3
Total.....	17

Winter III

HDFS 4720	3
HDFS 4000-level Course.	3
Humanities	3
Electives	6
Total.....	15

Winter IV

HDFS 4993	3-6
Related Electives.....	3
Elective	6
Total.....	12-15

Sample Eight-Semester Programs

Human Development

Fall I

HES 1100	1
HDFS 1600	3
Biology with lab.....	5
ENGLSH 1000.....	3
PSYCH 1000.....	3
Total.....	15

Fall II

HDFS 2420	3
Hist or Pol Science.....	3
Physical or Biological Science	1-2
Humanities	3
Statistics	3
Total.....	13-15

Fall III

HDFS 2300	3
FINPLN 2183	3
Communications	3
Area of Specialization.....	3
Elective	3
Total.....	15

Fall IV

PHIL 1100 OR 4510	3
Area of Specialization.....	3
Area of Specialization.....	3
Elective	3
Supporting Coursework ...	3
Total.....	15

Winter I

HDFS 2400	3
NUTR S 1034	3
SOCIOL 1000	3
MATH 1120	3
Humanities	3
Total.....	15

Winter II

HDFS 2500	5
HDFS 2200	3
HDFS 2430	3
Anthropology	3
Elective	3
Total.....	17

Winter III

HDFS 2440	3
HDFS 4470	3
Area of Specialization.....	3
Supporting Coursework ...	3
Elective	3
Total.....	15

Winter IV

HDFS 4700	3
HDFS 4720	3
HDFS 4993	6
Supporting Coursework ...	3
Total.....	15

HUMAN DEVELOPMENT AND FAMILY STUDIES COURSES

HD FS 1100—Introduction to Human Environmental Sciences (1). Lecture-discussion of professional opportunities and their relation to contemporary issues. Required for freshmen.

HD FS 1600—Foundations of Family Studies (3). Introduction to family studies discipline and profession. Introduces historical changes in families, diversity by race, ethnicity, class and sexual orientation, and interaction of families with neighborhoods, schools, the workplace, and larger systems. H E S major only or H D FS minors.

H D FS 1600H—Foundations of Family Studies - Honors (3). Introduction to family studies discipline and profession. Introduces historical changes in families, diversity by race, ethnicity, class and sexual orientation, and interaction of families with neighborhoods, schools, the workplace, and larger systems. H E S major only or H D FS minors. Honors eligibility required.

H D FS 1610—Intimate Relationships and Marriage (3). Examination of issues pertaining to intimate and marital relationships, such as relationship formation and dissolution processes, love, sex, behavioral scripts, and conflict. Diversity related to race, ethnicity, gender, and sexual orientation is explored. Non-Majors only.

HDFS 2085—Problems in Human Development and Family Studies(cr.arr.) Graded on S/U basis only.

H D FS 2200—Research Methods in Human Development and Family Studies (3). Introduction to research methods in the social sciences. Emphasis on both qualitative and quantitative methods, as well as applied research and program evaluation. Prerequisite: sophomore standing.

H D FS 2300—Multicultural Study of Children and Families (3). Study of cultural variation in family life around the world and within America (e.g.: African-American, Hispanic American). Attention is paid to the external conditions that affect the internal workings of these families. Prerequisites: H D FS 1600 or equivalent or instructor's consent.

H D FS 2400—Principles of Human Development (3). Concepts and principles basic to an understanding of human development and learning throughout the life span. Prerequisite: ENGLISH 1000

H D FS 2400H—Principles of Human Development - Honors (3). Concepts and principles basic to an understanding of human development and learning throughout the life span. Prerequisite: ENGLISH 1000. Honors eligibility required.

H D FS 2420—Early and Middle Childhood (3). Emotional, cognitive, and physical development of the child before puberty. Observation is integral part of course. Cannot receive credit for more than one of the following: PSYCH 2410, HDFS 2420, or ESC PS 2500.

H D FS 2430—Adolescence and Young Adulthood (3). Physical, intellectual, and psychosocial maturation of adolescents and young adults within the context of life long developmental sequelae.

H D FS 2440—Adulthood and Aging (3). Examination of biological, cognitive, psychological and social changes experienced across adulthood.

HDFS 2500—Infant-Toddler Development and Programs (3-5). Applied cognitive, language, and social development of infants and toddlers. Emphasizes development in a child care setting and staff relations. Prerequisites: H D FS 2420 or equivalent, and instructor's consent.

H D FS 2510—Curriculum and Activities for the Early Childhood Setting (3). Development of curriculum for children birth through 5 in preschool setting. Also emphasizes the development of program activities for children birth through 5; and 6 through 10 in after-school care settings. Prerequisites: may be concurrently with H D FS 2420 and 2500 and instructor's consent.

HDFS 2520—Drop-In Child Care Programs (2). Examination of appropriate planning for and experience in a drop-in child care program. Prerequisites: H D FS 2420 or equivalent and instructor's consent.

H D FS 2530—Quality School-Age Programs in Early and Middle Childhood (3). Examines programming for children in after school programs. Experience working with children ages 6-9. Prerequisites: H D FS 2420 or equivalent and instructor's consent. Graded on A/F basis only.

H D FS 2600—Working With Parents (3). Understanding of parental roles, perspectives, relationships, and diverse parenting types, approaches, and challenges. Researching, compiling, and presenting educational materials relative to parenting are integral course components. Prerequisite: H D FS 2420.

H D FS 3001—Topics in Human Development and Family Studies(cr.arr.) Selected current topics in the field of interest.

HDFS 3085—Problems in Human Development and Family Studies(cr.arr.) Independent work on special problems in human development and family studies. Prerequisite: instructor's consent. Graded on S/U basis only.

H D FS 3500—Child Development Laboratory (5). Experience working with young children (ages 2-6 years), and applying developmentally appropriate practice. Focus on general guidance, curriculum planning, family and staff relations. Prerequisites: H D FS 2420 or equivalent and instructor's consent.

H D FS 3510—Child and Family Development Laboratory (5). Experience working with young children (ages 2-6 years) and their families, adult-child relationships, applied child development principles, and planning for parent education. Prerequisites: H D FS 2420 or equivalent and instructor's consent.

H D FS 3520—Student Teaching Prekindergarten (5). Experience working with children (2-5 years), using general guidance principles and methods for fostering creativity. Prerequisites: H D FS 2420 or equivalent and instructor's consent.

H D FS 3530—Overview of Programs for Young Children (3). This course is an overview of the programs and services related to providing care and education for children, birth through age 10 and their families, particularly

in the state of Missouri. Prerequisites: H D FS 3500 or equivalent, H D FS 2530 or equivalent and instructor's consent. Graded on A/F basis only.

HDFS 3960—Readings in Human Development and Family Studies(cr.arr.) Readings in recent research; critical discussions.

H D FS 4001—Topics in Human Development and Family Studies(cr.arr.) Selected current topics in field of interest.

H D FS 4085—Problems in Human Development and Family Studies(cr.arr.) Independent work on special problems in human development and family studies. Prerequisites: instructor's consent. Graded on S/U basis only.

H D FS 4100—Children in Health Care Settings (3). Overview of the medical conditions and treatments commonly encountered by children and adolescents in health care settings and their typical reactions to them. Introduction to the philosophy and the role of the child life profession. Prerequisites: H D FS 2400 and 2420, or equivalent.

H D FS 4110—Child Life Theory and Practice (3). Focuses on theoretical foundations and principal intervention strategies used in Child Life professional practice. Prerequisites: H D FS 2420, 2500 and instructor's consent.

H D FS 4130—Child Life Practicum (3). Observation of Child Life staff at Children's Hospital and experience helping children and adolescents cope with hospitalization. Prerequisites: H D FS 2500 and 3500, consent required.

H D FS 4300—Black Families (3). (Same as BL STU 4300). Emphasis is on the unique social, economic, religious, educational, and political environments that have affected the structure and function of the black family. Prerequisites: H D FS 2200 or equivalent, and junior standing.

H D FS 4400—Childhood Death and Bereavement (3). An exploration of issues that arise for children and families when families when facing terminal illness or death. The course also includes an examination of coping and helping strategies for dying and grieving children. Prerequisites: H D FS 2400 and 2420.

H D FS 4470—Problems of Development in Multicultural Context (3). Within the context of socio-cultural diversity, this course covers development problems from conception to early adulthood. Theoretical and empirical contributions to classification, assessment, intervention, and public policy are emphasized. Prerequisites: H D FS 1600, 2300, 2400, and 2420, or instructor's consent.

HDFS 4500—Advanced Child Development Laboratory (12). Practical experience working with young children (up to 10) in out-of-home care facilities. Program planning for children and working with parents. Lab hours required. Prerequisites: H D FS 3500 or equivalent and instructor's consent.

H D FS 4510—Administration of Programs for Children and Families (3). The ABCs of administering community- and hospital-based programs for children and their families. Includes an overview of office procedures, staff

and volunteer management, public relations, budgeting, accounts, accountability and quality assurance. Prerequisites: HDFS 3500 or 3510.

HDFS 4610—Stress in Families (3). Introduction to the study of stressor events in families, such as poverty, violence within families, substance abuse, and health problems. Emphasis is on both prevention and coping.

HDFS 4620—Family Interaction (3). Analysis of intrafamilial interaction from a systems perspective; includes comparative study of family paradigms, family subsystems, goals, and resources, boundaries, and patterns of feedback. Prerequisites: H D FS 1600 and 2200 or equivalent; or instructor's consent.

H D FS 4630—The Process of Divorce (3). Examination of theory and research related to marital dissolution. The impact of divorce on children and adults, and divorce intervention strategies are considered. Prerequisites: HDFS 1600, and 2200 or equivalent; or instructor's consent.

H D FS 4640—Interpersonal Relationships (3). In-depth examination of interpersonal relationships, including theoretical perspectives, research methods, relationship forms, relationship processes, and how context affects relationships. Students are introduced to the field of close relationships.

HDFS 4655H—History of the Family in Russia - Honors (3). Survey of family relations in Russia from the Kievan period. Materials drawn from child development and family studies, education, history, sociology, and literature. Prerequisite: 3 hours in Social/Behavioral Sciences. Honor eligibility required.

H D FS 4670—The Politics of Reproduction and Fertility Control (3). (same as WGST 4670). Examines the social construction of reproduction, including discourses and practices surrounding the body, pregnancy, birth, reproductive technology, and diseases. Stresses the ethical issues and social policies affecting women. Prerequisite: junior standing or instructor's consent.

H D FS 4680—Family Communication (3). (same as COMMUN 4680).

H D FS 4700—Children and Families in Poverty (3). Study of the extent, distribution, and implications of poverty of children and families. Examination of myths and realities, social conditions, policies, and programs that contribute to or reduce poverty and its consequences. Prerequisites: H D FS 1600, 2400, and 2420 or equivalent.

H D FS 4720—Child and Family Advocacy (3). Study of the processes of social policies, legislation, and regulations affecting children and families at the local, state and federal levels. The course emphasizes current issues and need for citizen involvement.

H D FS 4740—Parent-Child Relations Over the Life Course (3). Examines the development, continuities, transitions, and discontinuities of parent-child relationships over the life course. Considers the influence of parents on children and children on parents. Prerequisite: H D FS 2200 or equivalent.

HDFS 4800—Program & Curriculum Design for FACS Education in Mid. & Sec. Sch (3).

“What should a teacher do about planning for student learning in FACS?” Includes objectives, lesson designs, resources, learner diversity, thinking skills, reasoning processes, articulation, legislation. Prerequisites: TDP 2000 and TDP 2020 or equivalent. Admission to Phase II, and instructor's consent.

H D FS 4820—Assessment in Family and Consumer Sciences Education (2). “What should a teacher do to determine the extent to which program/lesson objectives have been achieved?” Includes the selection, design, and use of a wide variety of assessment tools and techniques, and the impact of assessment on the evaluation of learners and program design. Prerequisites: admission into Phase II, H D FS 4800, and instructor's consent.

H D FS 4830—Methods of Teaching FACS in Middle and Secondary Schools (3). “What should a teacher do to help students achieve learner objectives?” Includes classroom management strategies, choosing and using instructional methods to stimulate thinking skills and reasoning processes, communication skills, professionalism, and public relations. Prerequisites: admission into Phase II, and instructor's consent.

H D FS 4940—Field Experience in Family and Consumer Sciences (1). Students will observe and assist in FACS classroom. Prerequisite: to be taken concurrently with H D FS 4800, and instructor's consent.

H D FS 4941—Field Experience in Family and Consumer Sciences (1). Students will be involved in real-world experiences in a FACS classroom. Prerequisites: to be taken concurrently with H D FS 4830; requires instructor's consent.

H D FS 4942—Student Teaching FACS in Middle and Secondary Schools (15). “What guided practicum experiences will directly contribute to success as a classroom teacher?” Students will teach for sixteen weeks within the state of Missouri under the supervision of an experienced FACS teacher. Prerequisites: H D FS 4800, 4820, 4830, instructor's consent.

H D FS 4970—Family Studies Capstone (3). Focus is on students integrating, extending, critiquing, and applying knowledge gained in the family studies option within a family life education framework. Prerequisites: H D FS 1600, 2200, 2300, and at least 2 of the following: H D FS 4300, 4620, 4630, 4640, 4655, 4700, or 4740, and senior standing or instructor's consent.

H D FS 4993—Internship in Human Development and Family Studies(cr.arr.) Internships or field training experiences under supervision. Graded on S/U basis only. Prerequisites: advisor consent.

Department of Nutritional Sciences

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RESIDENT INSTRUCTION ASSISTANT PROFESSOR
M. D. Raedeke
ADJUNCT INSTRUCTOR L. Hudson, T. P. Lafontaine
ASSOCIATE PROFESSOR EMERITUS R. P. Dowdy

The program leading to the BS in Human Environmental Sciences with a major in Nutritional Sciences offers designated emphasis areas in medical dietetics, nutrition and fitness, and nutritional sciences. A minor is also available in nutritional sciences. The department administers graduate programs in nutritional sciences and exercise physiology.

Students who want to explore the major can take NUTR S 1034: Nutrition, Current Concepts and Controversies or NUTR S 1340: Nutrition and Fitness.

Major Program Requirements – Nutritional Sciences (BS HES)

Required entry-level courses for the program include CHEM 1310 and 1320 and BIO SC 1500.

Emphasis in Medical Dietetics

The Coordinated Program in Dietetics combines academic course work with supervised practice in healthcare settings. Enrollment is limited. To apply, students must have completed

(or be enrolled in) prerequisite courses and have a GPA of at least 2.5. Students must achieve a course grade of B- or better in NUTR S 2340 and BIOCHM 3630, or equivalent transfer courses approved by faculty.

Graduates are eligible to take the Registration Examination for Dietitians, which is required to obtain the RD (Registered Dietitian) credential. The program is accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association.

Emphasis core requirements

Food science	9
HRM 1995: Principles and Science of Food Preparation	.5
FS 4310: Food Chemistry and Analysis	4
Nutritional sciences	53
NUTR S 2340: Human Nutrition I.....	3
NUTR S 2450: Nutrition Throughout the Life Span	3
NUTR S 2590: Community Nutrition.....	2
NUTR S 3280: Foodservice I: Introduction to Food Service.....	3
NUTR S 3290: Foodservice I SPE.....	1
NUTR S 3360: Nutrition Assessment SPE	2
NUTR S 3370: Nutrition Therapy I SPE	3
NUTR S 3390: Teaching & Counseling Techniques.....	2
NUTR S 3400: Teaching & Counseling Techniques SPE.....	1
NUTR S 3590: Community Nutrition SPE.....	1
NUTR S 4280: Foodservice II: Advanced Food Service Management.....	1
NUTR S 4290: Foodservice II: Adv. Food Service Manage Supervised Practice Exp.....	2
NUTR S 4340: Human Nutrition II	3
NUTR S 4360: Nutritional Assessment	3
NUTR S 4370: Nutrition Therapy I.....	3
NUTR S 4380: Nutrition Therapy II.....	2
NUTR S 4381: Nutrition Therapy II SPE	4
NUTR S 4390: Issues in Dietetic Practice	1
NUTR S 4950: Capstone: Research in Nutritional Sciences	2
NUTR S 4951: Research in Dietetics SPE.....	1
NUTR S 4975: Practice of Dietetics SPE	10
Human Environmental Science foundation courses	6

Emphasis in Nutrition and Fitness

Graduates of this program are prepared for employment in the fitness and health promotion area or for graduate studies in exercise science. This is a rapidly expanding area with opportunities in corporate and commercial industries, government and non-profit sectors. Typical employment responsibilities include fitness assessment, nutrition education, health promotion, exercise supervision and program administration.

Emphasis core requirements

Nutritional sciences	14
NUTR S 1340: Nutrition and Fitness	3
NUTR S 2340: Human Nutrition I	3
NUTR S 2450: Nutrition Throughout the Life Span	3
NUTR S 4360: Nutritional Assessment	3
NUTR S 4950: Capstone Research in Nutritional Sciences.....	2
Exercise physiology	11
NUTR S 3800: Prevention and Care of Athletic Injuries	.2
HTH PR 3250: Kinesiology	3
NUTR S 4850: Physiology of Exercise	3
NUTR S 4860: Exercise Prescription	3

Supporting area10
 Choose from selected courses in curriculum and instruction, educational and counseling psychology, nutritional sciences, human development and family studies, psychology or sociology.

Electives chosen to meet college requirements and career objectives16
 Anatomy lab and internships are available and highly recommended.

Emphasis in Nutritional Sciences

This program of study provides a strong foundation in science with a focus on human nutrition. Graduates are prepared for advanced study in human nutrition, medicine, dentistry or other health-related careers. This program is an excellent choice for premedicine students with an interest in family practice or rural medicine.

Emphasis core requirements.....31

- NUTR S 2340: Human Nutrition I.....3
- NUTR S 2450: Nutrition Throughout the Life Span.....3
- NUTR S 4330: Human Nutrition II lab.....2
- NUTR S 4340: Human Nutrition II lecture.....3
- NUTR S 4950: Capstone: Research in Nutritional Sciences .2
- BIOCHM 4270: Biochemistry3
- BIOCHM 4272: Biochemistry3
- BIO SC 2200: General Genetics4
- BIO SC 2300: Intro Cell Biology.....3
- MPP 3202: Physiology OR
- BIO SC 3700: Animal Physiol5

NUTRITIONAL SCIENCE COURSES

NUTR S 1001—Topics in Nutritional Sciences(cr.arr.) Supervised study in specialized topic of nutritional sciences.

NUTRS1034—Nutrition, Current Concepts and Controversies (3). Basic nutrition principles and current controversies are presented. Emphasis on role of nutrition in maintaining health as well as exploring the scientific validity of popular nutrition beliefs. No credit if taken after Nutritional Sciences 2340.

NUTR S 1310—Basic Concepts of World Nutrition (3). Transdisciplinary approach to nutrition, considering anthropological, physiological, geographical, socioeconomic and psychological elements in world nutrition.

NUTR S 1340—Introduction to Exercise and Fitness (3). This course is a survey of information in the fields of exercise science and physical fitness. It is a required course for students majoring in Nutrition and Fitness, but it is open to non-majors as well. The goal of the course is to provide students with practical information about exercise and how to be physically fit.

NUTR S 1800—Psychology of Fitness and Sport (2). An introduction to psychological concepts relating to physical activity, sport, and fitness; relationships between movement forms and socialization processes.

NUTR S 2001—Topics in Nutritional Sciences(cr.arr.) Supervised study in a specialized topic of Nutritional Sciences.

Supporting area5
 Choose from selected courses in biochemistry, chemistry, nutritional sciences or molecular microbiology and immunology

Electives to total 120 hours7

Additional courses may be required to meet college requirements or career objectives. On-campus research internships are available and highly recommended.

Minor in Nutritional Sciences

The minor in nutritional sciences is intended for students majoring in biological sciences, biochemistry, health and exercise sciences or related fields.

Minor core requirements.....15

- NUTR S 2340: Human Nutrition I.....3
- Courses selected from the following list of approved nutrition courses
- NUTR S 2380: Diet Therapy for Health Professionals.....3
- NUTR S 2450: Nutrition Throughout the Life Span3
- NUTR S 2460: Eating Disorders.....2
- NUTR S 3390: Teaching & Counseling Techniques in Nutrition2
- NUTR S 4330: Human Nutrition II Laboratory2
- NUTR S 4340: Human Nutrition II Lecture3
- NUTR S 4360: Nutritional Assessment3
- NUTR S 4370: Nutritional Therapy I3
- NUTR S 4380: Nutrition Therapy II2

NUTR S 2085—Problems in Nutritional Sciences(cr.arr.) Supervised study in a specialized phase of nutritional sciences.

NUTRS2340—Human Nutrition I(3). Basic concepts of normal nutrition related to physiological/chemical processes; changing nutrient needs during human life cycle, emphasis on adult; some social/psychological influences on dietary habits. Prerequisites: Organic Chemistry, MPP 3202 or instructor’s consent.

NUTR S 2380—Diet Therapy for Health Professionals (3). Principles underlying normal nutrition and diet for health and disease. Prerequisites: instructor’s consent.

NUTR S 2450—Nutrition Throughout the Life Span (3). Nutritional requirements, challenges, community nutrition programs, and eating patterns throughout the life span with emphasis on health promotion and disease prevention; Role of beliefs, culture, socio-psychological influences, and economic resources in food selection and nutrition/health status. Lecture/discussion course. Prerequisites: introductory nutrition course.

NUTRS2460—Eating Disorders (2). Definition, etiology, treatment, and research related to eating disorders: anorexia nervosa, bulimia nervosa and binge eating disorder/obesity. Graded on A/F basis only. Prerequisites: NUTR S 1034 or higher level nutrition course.

NUTR S 2590—Community Nutrition (2). Food production systems, public policy development, food security, laws and regulations pertaining to food and nutrition, nutrition

programming, food availability and access and the use of mass media in community-based food and nutrition programs. Lecture/discussion course.

NUTR S 3001—Topics in Nutritional Science(cr.arr.) Instruction in specific subject matter areas in the field of food science and nutrition.

NUTR S 3085—Problems in Nutritional Sciences(cr.arr.) Advanced problems in a selected field of food science and nutrition.

NUTRS 3110—Investigation of Food Properties (3). Study of the chemical and physical properties of foods and the interaction of food components. Lecture and laboratory. Prerequisites: Organic Chemistry.

NUTRS3280—Food Service I: Introduction to Food Service (3). Organizational structure and relationships; policy making and implementation; budgeting and cost control; menu as a management tool; sanitation and safety; food preparation; and food delivery systems. Prerequisite: H R M 1995.

NUTR S 3290—Food Service I: Supervised Practice Experience (1). A practicum designed to expose the student to concepts of quantity food production, evaluation of products and resources, personnel administration and application of food microbiological principles. 4 hours of supervised practice per week. Prerequisites: concurrent enrollment in NUTR S 3280; open to students enrolled in the Coordinated Program in Dietetics only.

NUTR S 3360—Nutritional Assessment Supervised Practice Experience (2). Supervised practice to develop skills in screening individuals for nutrition risk; use of dietary, anthropometric, laboratory, clinical and socio-cultural criteria to assess nutritional status of individuals, 8 hours of supervised practice per week. Prerequisites: concurrently enrolled in NUTR SCI 4360; Open to students enrolled in the Coordinated Program in Dietetics only.

NUTRS3370—Nutrition Therapy I: Supervised Practice Experience (3). Practice and application of principles of nutrition care for selected disease states. 12 hours of supervised practice per week. Prerequisites: Concurrently enrolled in NUTR S 4370; Open to students enrolled in the Coordinated Program in Dietetics only.

NUTR S 3390—Teaching and Counseling Techniques in Nutrition (2). Principles and theories of learning; Resources, methods and techniques for teaching food/nutrition principles and dietary guidelines; Group dynamics and facilitation; Introduction to counseling theories and methods used in nutrition care of individuals. Lecture course. Prerequisites: PSYCH 1000 and NUTR S 2340.

NUTR S 3400—Teaching & Counseling Techniques in Nutr. Supervised Practice Exp (1). Skill development and practice in counseling individuals for health promotion and disease prevention and the teaching of food and nutrition topics to groups. 4 hours of supervised practice per week. Prerequisites: concurrent enrollment in NUTR S 3390; Open to students enrolled in the Coordinated program in Dietetics only.

NUTR S 3590—Community Nutrition Supervised Practice Experience (1). A practicum which explores and applies the concepts and techniques of nutrition programming in a community setting. 4 hours of supervised practice per week. Prerequisites: NUTR S 2590; Open to students enrolled in the Coordinated Program in Dietetics only.

NUTR S 3800—Prevention and Care of Athletic Injury (2). Theory, practice in prevention, emergency care, rehabilitation of injuries encountered in vigorous games. Prerequisite: PTH&AS 2201.

NUTRS3810—Advanced Athletic Training (3). Advanced study in areas of prevention, evaluation, care, and treatment and rehabilitation of athletic injuries at high school and college level. Graded on A/F basis only. Prerequisite: NUTR S 3800 and instructor's consent.

NUTR S 3820—Kinesiology (3). Study of the relationships of physical laws, mechanical principles, and structural parameters to the analysis of human motion, with emphasis on application to daily activities, sport/athletic performance, and developmental exercise. Prerequisite: PTH&AS 2201.

NUTR S 3830—Human Body Composition and Nutrition (3). Basic concepts of human body composition related alternative models, measurement techniques, and nutritional, physiological, and life-style factors. Graded on A/F basis only. Prerequisite: NUTR S 2340.

NUTRS3900—Field Training in Nutritional Sciences(cr.arr.) Prerequisites: junior or senior standing and instructor's consent.

NUTR S 4020—Monogastric Nutrition (3). (same as Animal Science 4312 and Nutrition 7020). Principles of nutrition, feed formulation and recent research in poultry feeding. Graded on A/F basis only. Prerequisite: AN SCI 3212 and BIOCHM 3630.

NUTR S 4280—Food Service II: Advanced Food Service Management (1). Issues related to marketing and financial control in the food-service sector. Lecture course. Prerequisite: NUTR S 3280, NUTR S 3290.

NUTR S 4290—Food Serv. II: Adv. Food Service Manage. Supervised Practice Exp (2). A practicum tailored to apply marketing and budgetary principle in the foodservice industry. 8 hours of supervised practice per week. Prerequisite: Concurrent enrollment in NUTR S 4280; Open to students admitted to the Dietetics program.

NUTR S 4330—Human Nutrition II Laboratory (2). A techniques course in nutrition, usually taken concurrently with Nutritional Sciences 4340. Prerequisites: NUTR S 2340, Biochemistry and instructor's consent.

NUTRS4340—Human Nutrition IILecture (3). Physiological and biochemical aspects of nutrition; functions of methods of measuring nutritional status; various aspects of applied nutrition. Continuation of Nutritional Sciences 2340. Prerequisites: NUTR S 2340, Biochemistry or instructor's consent.

NUTR S 4360—Nutritional Assessment (3). Introduction to the nutrition assessment process. The identification of dietary, anthropometric, laboratory, clinical and sociocultural parameters used to assess nutritional status of individuals. Lecture course. Prerequisites: PSYCH 1000, NUTR S 2340.

NUTR S 4370—Nutrition Therapy I (3). In-depth study of physiological/biochemical changes in selected disease states (cardiovascular disease, rehabilitation, diabetes and cancer); development of principles underlying nutrition therapy. Lecture course. Prerequisites: NUTR S 4360.

NUTR S 4380—Nutrition Therapy II (2). Evaluation, design and monitoring of the nutrition care of complex health disorders such as renal disease, trauma, and multi-system organ failure; emphasis on nutrition support (enteral and parenteral nutrition). Lecture course. Prerequisites: NUTR S 4370.

NUTR S 4381—Nutrition Therapy II: Supervised Practice Experience (4). Practice in the nutrition care of complex health disorders with emphasis on nutrition support. 16 hours of supervised practice per week. Prerequisites: concurrent enrollment in Nutritional Science 4380; Open to students admitted to Dietetics program only.

NUTR S 4390—Issues in Dietetic Practice (1). Lectures and discussions focus on issues and trends in dietetics. Discussions are used to encourage the development of skills and attitudes which foster life-long professional learning. Lecture/discussion course. Prerequisite: NUTR S 4950 and 4380; or instructor's consent.

NUTR S 4850—Physiology of Exercise (3). Effects of exercise on the human organism; physiologic capacity and limitation for activity; role of exercise in health and fitness.

Prerequisite: MMP 3202 PTH&AS 2201 recommended.

NUTR S 4860—Exercise Prescription (3). Course investigates theory and methods of testing and prescribing exercise for circulatory fitness, body composition, muscle strength, joint and muscle ranges in motion, and posture. Prerequisites: Physiology and HTH PR 3250.

NUTR S 4940—Internship in Nutritional Science (1-6). Combines study, observation and employment in an area of food science and nutrition. Written reports, faculty evaluation. Prerequisites: 90 hours including 3 courses in Nutritional Sciences and instructor's consent.

NUTR S 4950—Capstone: Research in Nutritional Sciences (2). Introduction to research, including the types of basic, clinical, and outcomes-based research. Defining research problems related to nutrition and exercise sciences, developing hypotheses, reviewing scientific literature, writing research protocols, analyzing data. Lecture course. Prerequisites: NS 2340, statistics course, and senior standing or instructor's consent.

NUTR S 4951—Research in Dietetics Supervised Practice Experience (1). Implement, analyze, document, and present the results of the outcomes research proposal developed in NUTR S 4950. 4 hours of supervised practice per week. Prerequisite: NUTR S 4950; Open to students enrolled in the Coordinated Program in Dietetics only.

NUTR S 4960—Readings in Nutritional Sciences(cr.arr.) Prerequisites: 8 hours of course work in field of subject and instructor's consent.

NUTR S 4970—Nutrition Capstone Seminar (1). Integration of research literature with knowledge from previous coursework. Examination of research articles in major. Presentation or research results in a formal setting. Prerequisite: senior standing or instructor's permission.

NUTR S 4975—Practice of Dietetics Supervised Practice Experience (10). Supervised practice in providing quality nutrition services in clinical, community, management and long-term care settings. 40 hours of supervised practice per week. Prerequisite: NUTR S 4280, 4290, 4380, and 4381; Open to students admitted to the Dietetics Program only.

Department of Personal Financial Planning

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R. O. Weagley, M. J. Zelenak

ASSISTANT PROFESSOR S. J. Huston, M. Oleson

EXTENSION INSTRUCTOR B. J. Procter

Admissions

Students must have a University of Missouri cumulative GPA of at least a 2.5, based on at least 50 credits attempted, and a C (2.0) or better in FINPLN 2183 and FINPLN 3283 to be admitted to the Personal Financial Planning professional program of the department. Other departmental programs require a 2.0 GPA. A grade in the D range is allowed in only one course under the department core and professional specialization. Students must complete the FINPLN Department program assessment in May or December prior to graduation.

Major Program Requirements – Personal Financial Planning (BS HES)

The Department of Personal Financial Planning offers a major in Personal Financial Planning with two emphasis areas: Personal Financial Planning and Personal Financial Management Services. The department also offers a track in E-Consumer Studies. In each option, the student must complete requirements for each phase of the degree program listed below:

- University general education requirements
- College of Human Environmental Sciences graduation requirements
- Major core courses
- Professional specialization

Major core requirements16

FINPLN 2083: Introduction to Personal Financial
Management Services1

FINPLN 2183: Personal and Family Finance3
FINPLN 2185: The Consumer in Our Society3
FINPLN 4188: Community Agencies and Volunteerism3
FINPLN 3287: Consumer and Household Economics I3
FINPLN 4380: Assessing the American Dream3

Note: The Personal Financial Planning major requires students to complete PSYCH 1000, SOCIOL 1000, ECONOM 1014 and ECONOM 1015, (or AG EC 1041 and AG EC 1042) within the social and behavioral sciences requirement. ECONOM 1014 and 1015 require a minimum grade of C (2.0).

Emphasis in Personal Financial Planning

The Personal Financial Planning emphasis is registered with the Certified Financial Planner Board of Standards. This emphasis satisfies the academic requirements for the CERTIFIED FINANCIAL PLANNER™ certification and allows the graduate to sit for the comprehensive CFP® certification examination. Graduates must complete education requirements, pass a national professional exam, obtain professional experience, and agree to adhere to the professional code of ethics before being able to use the CFP® marks.

Emphasis core requirements42

ACCTCY 2036: Accounting I3
ACCTCY 2037: Accounting II3
ECONOM 3229: Money and Banking3
FINPLN 3282: Financial Counseling3
FINPLN 3283: Financial Planning: Computer
Applications3
FINPLN 4187: Financial Planning: Tax Planning3
FINPLN 4382: Financial Planning: Risk Management3
FINPLN 4383: Financial Planning: Investment
Management3
FINPLN 4386: Financial Planning: Employee
Benefits and Retirement Planning3
FINPLN 4393: Financial Planning: Estate and Gift
Planning3
FINPLN 4993: Internship3
MANGMT 3540: Introduction to Business Law3
STAT 2500: Introduction to Probability and Statistics3
STAT 3500: Introduction to Probability and Statistics II3

Emphasis in Personal Financial Management Services

This emphasis prepares students for entry into a variety of positions that require expertise in the management of individual and family financial resources. Such positions are available in financial counseling, financial planning, employee benefits, customer service, credit counseling, insurance services, brokerage services, investment services and student financial aid.

Emphasis core requirements42

FINPLN 3282: Financial Counseling3
FINPLN 3283: Financial Planning: Computer
Applications3
FINPLN 4187: Financial Planning: Tax Planning3
FINPLN 4382: Financial Planning: Risk Management3
FINPLN 4383: Financial Planning: Investment
Management3
ACCTCY 2010: Introduction to Accounting3
ECONOM 3229: Money and Banking3
MANGMT 3540: Intro to Business Law3
STAT 1300: Elementary Statistics OR
STAT 2500: Introduction to Probability and Statistics3

Professional electives15

These courses are selected by students from a list of approved courses to complement their degree. Contact the Student Services Office of the College of Human Environmental Sciences for examples of how students are able to focus their additional credits in a specific area, while satisfying either the requirements for a minor from the College of Business or the Department of Economics.

Track in E-Consumer Studies

This track prepares students to conduct consumer-oriented/customer-focused market research to be applied in an electronic retail environment. Students are prepared for numerous occupations in which understanding consumer tastes and preferences is necessary for product positioning and sale. (Note: Tracks do not appear on transcripts or diplomas.)

Core requirements24

FINPLN 2183: Personal and Family Finance	3
FINPLN 2185: The Consumer in Our Society	3
FINPLN 3283: Financial Planning Computer Applications	3
FINPLN 3287: Consumer and Household Economics I	3
T A M 1300: Softgoods Retailing.....	3
T A M 1400: Global Consumer	3
T A M 2400: Softgoods Consumer Behavior	3
T A M 3410: The Clothing/Textile Consumer	3

Professional core27

T A M 3100: Fundamentals of E-Commerce	3
T A M 4140: Web-based Market Research.....	3
FINPLN 4380: Assessing The American Dream	3
ACCTCY 2036: Accounting I	3
MRKTNG 3000: Principles of Marketing	3
STAT 1300: Elementary Statistics OR	3
STAT 2500: Introduction to Probability and Statistics.....	3
ACCTCY 2258: Computer Based Data Systems	3
MRKTNG 4650: e-Marketing.....	3
FINPLN 4993: Financial Planning Internship	
OR T A M 4949: Field Training.....	3

Minor in Consumer and Family Economics

Students can minor in consumer and family economics to complement their degrees in journalism, business, arts and science or other disciplines that provide expertise in matters related to personal financial management. A specific minor exists with both the Department of Agricultural Economics and the Department of Finance that allows agricultural economics students to complete a CFP Board Registered Program, allowing them to sit for the CFP® certification examination.

General minor in personal financial management**services.....16**

FINPLN 2083: Introduction to Personal Financial Management Services	1
FINPLN 2183: Personal and Family Finance	3
FINPLN 2185: The Consumer in Our Society.....	3
FINPLN 3283: Financial Planning: Computer Applications	3
FINPLN 3287: Consumer and Household Economics	3
Choose at least one from the following.....	3
FINPLN 4382: Financial Planning: Risk Management	
FINPLN 4383: Financial Planning: Investment Management	
FINPLN 3285: Financial Planning: Real Estate	

Minor with agricultural economics19

FINPLN 2083: Introduction to Personal Financial Management Services	1
FINPLN 2183: Introduction to Personal and Family Finance	3
FINPLN 3283: Financial Planning: Computer Applications	3
FINPLN 4382: Financial Planning: Risk Management	3
FINPLN 4383: Financial Planning: Investment Management	3
FINPLN 4386: Financial Planning: Employee Benefits and Retirement Planning	3
FINPLN 4393: Financial Planning: Estate Planning.....	3

Minor in Personal Financial Planning for Finance

(Please see a faculty adviser for details):

FINPLN 2083: Introduction to Personal Financial Management Services	1
FINPLN 2183: Introduction to Personal and Family Finance.....	3
FINPLN 4386: Financial Planning: Employee Benefits and Retirement Planning	3
FINPLN 4393: Financial Planning: Estate and Gift Planning	3
FINPLN 4382: Financial Planning: Risk Management, or FIN 3300: Personal Risk Management and Insurance.....	3
FINPLN 4383: Financial Planning: Investment Management, or FIN 4020 Investments	3
ACCTCY 4353: Introduction to Taxation OR	
FINPLN: Tax Planning.....	3

Sample Eight-Semester Programs

BS HES with an Emphasis in Personal Financial Planning

Fall I

HES 1100	1
ENGLSH 1000.....	3
History or Political	
Science	3
Humanities	3
Science	4
Total.....	14

Fall II

FINPLN 2083	1
Communications	3
ECONOM 1014 or	
AG EC 1041.....	3
SOCIOL 1000	3
Humanities	3
General Elective.....	3
Total.....	16

Fall III

FINPLN 3282	3
FINPLN 2183	3
FINPLN 2185	3
STAT 3500	3
ACCTCY 2037	3
Total.....	15

Fall IV

FINPLN 4187	3
HES Foundation Course ..	3
FINPLN 4382	3
FINPLN 4383	3
FINPLN 3287	3
Total.....	15

Winter I

Humanities	3
MATH 1120	3
PSYCH 1000.....	3
Science	5
Total.....	14

Winter II

ECONOM 1015 or	
AG EC 1042.....	3
ACCTCY 2036	3
STAT 2500	3
General Elective.....	6
Demonstrate Proficiency	
in Excel	
Total.....	15

Winter III

FINPLN 3283	3
ECONOM 3229	3
HES Foundation Course ..	3
MANGMT 3540	3
General Elective.....	4
Total.....	15

Winter IV

FINPLN 4188	3
FINPLN 4380	3
FINPLN 4386	3
FINPLN 4387	3
FINPLN 4993	3
FINPLN 4393	3
Total.....	15

Sample Eight-Semester Programs

BS HES with an Emphasis in Personal Financial Management Services

Fall I

HES 1100	1
ENGLSH 1000.....	3
History or Political	
Science	3
Humanities	3
Science	4
Total.....	14

Fall II

FINPLN 2083	1
Communications	3
ECONOM 1014 or AG EC	
1041.....	3
SOCIOL 1000	3
Humanities	3
General Elective.....	3
Total.....	16

Fall III

FINPLN 3282	3
FINPLN 2183	3
FINPLN 2185	3
Professional Elective.....	3
Professional Elective.....	3
Total.....	15

Fall IV

HES Foundation Course ..	3
FINPLN 4187	3
FINPLN 3287	3
FINPLN 4382	3
FINPLN 4383	3
Total.....	15

Winter I

Humanities	3
MATH 1120	3
PSYCH 1000.....	3
Science	5
Total.....	14

Winter II

Demonstrate Proficiency	
in Excel	
ECONOM 1015 or AG EC	
1042.....	3
ACCTCY 2036	3
General Elective.....	5
STAT 1300 or 2500.....	3
Total.....	14

Winter III

General Elective.....	3
HES Foundation.....	3
ECONOM 3229	3
FINPLN 3283	3
Professional Elective.....	3
Total.....	15

Winter IV

FINPLN 4188	3
FINPLN 4387	3
FINPLN 4993	3
MANGMT 3540	3
FINPLN 4380	3
Total.....	15

PERSONAL FINANCIAL PLANNING COURSES

FINPLN 1183—Financial Survival (1). Examines financial management issues needed to survive the critical college years-credit/credit cards, budgeting/planning, financial aid, loans, common financial mistakes, debt management, setting financial goals, effective use of financial resources. Graded on S/U basis only.

FINPLN 2083—Introduction to Personal Financial Management Services (1). This course will provide the student with a broad, general introduction to personal financial management services. Through readings, discussions, and guest speakers, the student will develop a basic understanding of the many facets of this field.

FINPLN 2180—Personal and Family Management (3). Principles of resource management for achieving life satisfaction, with emphasis on interpersonal interaction, balancing career and family demands. Uses family systems perspective. Prerequisites: ENGLSH 1000, and sophomore or above standing.

FINPLN 2183—Personal and Family Finance (3). Individual and family finance, with particular emphasis on financial planning, savings, insurance, investments, taxes, use of credit, and financial aspects of housing. Prerequisites: MATH 1100/1120 with grade of C or above, and sophomore or above standing.

FINPLN 2185—The Consumer in Our Society (3). The economic system and the marketplace from the consumer point of view; consumer problems, protection, representation. Prerequisites: 3 hours economics; sophomore standing or above.

FINPLN 2188—Community Agencies and Volunteerism (3). Service learning in a non-profit community social support agency. Examines economic role of non-profits and volunteerism. Students engage in service and evaluate experience in seminar. Pre/corequisites: FINPLN 3282, 4187 or instructor's consent. Graded on A/F basis only.

FINPLN 2189—Community Service (1). Service learning in a non-profit community social support agency. Students engage in service experiences, seminars to share insights gained in service activities.

FINPLN 3282—Financial Counseling (3). Practical course on client financial counseling. Includes development of sales techniques and training, focus on personality strengths and weaknesses, creation of the sales process, and the role of technology in counseling. Prerequisite: instructor's consent.

FINPLN 3283—Financial Planning: Computer Applications (3). Development of expertise in analyzing family financial case situations via applications of the mathematics of finance, utilizing computer spreadsheets and family financial management software. Prerequisites: FINPLN 2183.

FINPLN 3285—Financial Planning: Real Estate (3). Family housing and real estate investments as components of the family's quality of life and asset portfolio. Prerequisites: FINPLN 3283; 5-6 hours of ECON; STAT 1300 or 2500.

FINPLN 3287—Consumer and Household Economics I (3). Theory, concepts, principles underlying consumer decision-making, including rationality, uncertainty, optimal search, heuristics, interactive decisions; strategies for their application in the marketplace. Prerequisites: FINPLN 2185; 5-6 hours of ECON.

FINPLN 4000—Problems in Personal Financial Planning(cr.arr.) Supervised and independent work. Prerequisites: a 2000- or 3000-level course in field of problem, and senior standing, and instructor's consent.

FINPLN 4183—Sales Management (3). Prepares students to enter financial service occupations dependent upon sales and sales management. Attention given to skill development, evaluation of current and best practices. Prerequisites: junior standing; acceptance into professional program; FINPLN 2083, FINPLN 2183, pre or co-requisite FINPLN 3283 or instructor's consent.

FINPLN 4187—Tax Planning (3). Principles, current law and practice of income taxation and its impact on personal financial planning for individuals, couples and families in their roles as investors, employees, and business owners. Graded on A/F basis only. Prerequisites: FINPLN 2183, FINPLN 3283, ACCTCY 2010 or equivalent or instructor's consent.

FINPLN 4188—Community Agencies and Volunteerism (3). Service learning in a non-profit community social support agency. Examines economic role of non-profits and volunteerism. Students engage in service and evaluate experience in seminar. Winter semester only. Pre/corequisites: FINPLN 3282, FINPLN 4187/7187 or instructor's consent. Graded on A/F basis only.

FINPLN 4318—Topics in Personal Financial Planning(cr.arr.) Selected current topics in field of interest. Prerequisites: vary with topic.

FINPLN 4355—Recent Trends in Personal and Financial Planning (1-3). For upper-class and graduate students who wish additional knowledge and understanding in specific subject matter areas. Prerequisites: vary with the topic.

FINPLN 4380—Assessing the American Dream (3). A systems perspective examining ways choice and culture shape American levels and standards of living. The impact of trends in personal and family values, technology the economy, mass media and social movements on household resource management. Prerequisite: FINPLN 2180 and junior standing or instructor's consent.

FINPLN 4382—Financial Planning: Risk Management (3). Analysis of family financial risks and conservation of family assets via risk management, with primary focus on personal lines of insurance. Prerequisites: FINPLN 3283; 5-6 hours of ECON; STAT 1300 or 2500.

FINPLN 4383—Financial Planning: Investment Management (3). Introduction to investment for family financial planning. Prerequisite: FINPLN 3283; 5-6 hours of ECON; STAT 1300 or 2500; Economics 3229 or consent.

FINPLN 4386—Financial Planning: Employee Benefits and Retirement Planning (3). Fundamentals of employee benefits and retirement planning. Consideration of options via government, employer, financial markets. Special circumstances of women, part-time, and contingent workers considered. Prerequisites: FINPLN 4382, 4383, or instructor's consent.

FINPLN 4387—Consumer and Household Economics II (3). Theory of economic behavior examining the household as both consumer and producer of goods and services, human capital investments, intertemporal decisionmaking, and use of computational studies to examine price and income effects. Prerequisite: FINPLN 3287 or ECON 3251; STAT 1300 or 2500.

FINPLN 4388—Effective Consumer Decision-Making (3). Theory, concepts, principles underlying consumer decision-making, including rationality, uncertainty, optimal search, heuristics, interactive decisions; strategies for their application in the marketplace. Prerequisites: FINPLN 2185; 5-6 hours of ECON.

FINPLN 4389—Financial Planning: Case Analysis (3). The course emphasizes the use of analytical tools to develop effective financial plans for individuals and households. Prerequisites: FINPLN 2183, 4183, 4382, 4383 or instructor's consent.

FINPLN 4393—Financial Planning: Estate and Gift Planning (3). Fundamentals, practical problems and solutions in basic estate and gift planning, business succession planning, and taxation issues. Prerequisites: FINPLN 4382 and 4383.

FINPLN 4418—Topics in Personal Financial Planning(cr.arr.) Selected current topics in field of interest. Prerequisites: instructor's consent.

FINPLN 4992—Readings in Personal Financial Planning(cr.arr.) Prerequisite: 2-3 hours in subject.

FINPLN 4993—Internship in Personal Financial Planning(cr.arr.) Prerequisites: junior standing and instructor's consent.

Department of Textile and Apparel Management

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RESIDENT INSTRUCTION ASSISTANT PROFESSOR
S. F. Stevens

The Department of Textile and Apparel Management focuses on the global production, distribution, and consumption of soft-goods. The department differs from many others in that it stresses preparation for product development management, combining knowledge related to a specific commodity with marketing and management skills. Within the context of the human environment, the program also focuses on consumer needs and wants, including service and satisfaction.

Students who major in Textile and Apparel Management may choose from several options and tracks:

Business studies:

- Apparel Marketing and Merchandising
- Apparel Product Development and Management

International Studies:

- International Apparel Marketing and Merchandising
- International Apparel Product Development and Management

E-Consumer Studies:

- E-Consumer

*(Note: Tracks do not appear on transcripts or diplomas.)

Students who want to explore Textile and Apparel Management may take the following classes:

- T A M 1100: Introduction to the Textile and Apparel Industry
- T A M 1200: Basic Concepts of Apparel Design & Production
- T A M 1300: Softgoods Retailing
- T A M 1400: Softgoods Consumer Behavior

Major Program Requirements - Textile and Apparel Management

The following courses are required of all students majoring in TAM. Students majoring in Textile and Apparel Management may not take departmental courses using the Pass/Fail grading option. See the following sections for descriptions of additional requirements for the options in business studies and international studies. In addition to college and department requirements, students must meet all University graduation requirements including University general education.

Major core requirements28

T A M 1100: Introduction to the Textile and Apparel Industry	3
T A M 1200: Basic Concepts of Apparel Design and Production	3
T A M 1300: Softgoods Retailing	3
T A M 1400: Softgoods Consumer Behavior	3
T A M 2120: Professional Seminar	1
T A M 2200: Textiles	3
T A M 2500: Social Appearance in Time and Space	3
T A M 3510: History of Western Dress	3
T A M 3110: Textile and Apparel in the Global Economy	3
T A M 3410: The Clothing and Textile Consumer	3

Track in Business Studies

There are two tracks available in business studies: Apparel Product Development and Management or Apparel Marketing and Merchandising. A student who completes one of these tracks is prepared for a variety of career possibilities in the textile and apparel industry at the national and international levels. (Note: Tracks do not appear on transcripts or diplomas.)

Apparel product development and management track

Requirements28

T A M 2280: Apparel Production	4
T A M 2210: Patternmaking	3
T A M 2211: Patternmaking Lab	1
T A M 3280: Principles of Apparel Manufacturing	3
T A M 3281: Principles of Apparel Manufacturing Lab ...	1
T A M 4110: Global Sourcing	3
T A M 4980: Softgoods Production Development	4
Elective hours in the department	9

Supporting requirements18

ACCTCY 2036: Accounting I	3
MRKTNG 3000: Principles of Marketing	3
MANGMT 3000: Fundamentals of Management	3
E&CPSY 4170: Introduction to Educational Statistics OR STAT 1300: Elementary Statistics OR STAT 2500: Introduction to Probability and Statistics..	3
Approved electives in business, engineering, art or theatre	6

Business Area* Supporting course requirements.....18

ACCTCY 2036: Accounting I	3
ACCTCY 2037: Accounting II	3
MANGMT 3000: Fundamentals of Management	3
MRKTNG 3000: Principles of Marketing	3
STAT 1300: Elementary Statistics OR STAT 2500: Introduction to Probability and Statistics OR E&CPSY 4170: Introduction to Educational Statistics..	3
FINANC 2000: Survey of Business Finance	3
Business Elective (3000 level or above)	3

Apparel marketing and merchandising track requirements	21
T A M 3100: Fundamentals of E-Commerce	3
T A M 2300: Retail Financial and Merchandise Control	3
T A M 4990: Retail Marketing and Merchandising	3
Elective hours in the department	12
Business Area Supporting Courses	18
ACCTCY 2036: Accounting I	3
ACCTCY 2037: Accounting II	3
FINANC 2000: Survey of Business Finance	3
MRKTNG 3000: Principles of Marketing	3
MANGMT 3000: Fundamentals of Management	3
STAT 1300: Elementary Statistics OR	
STAT 2500: Introduction to Probability and	
Statistics	3

Track in International Studies

The international studies tracks are designed to provide students with tools and sensitivities required to function in intellectual and applied environments outside their own. Tracks are available in Apparel Product Development and Management and in Apparel Marketing and Merchandising. Tracks and options do not appear on transcripts or diplomas.

International apparel product development and management track Requirements	28
T A M 2210: Patternmaking	3
T A M 2211: Patternmaking Lab	1
T A M 2280: Apparel Production	3
T A M 3280: Principles of Apparel Manufacturing	3
T A M 3281: Principles of Apparel Manufacturing Lab ...	1
T A M 4110: Global Sourcing	3
T A M 4980: Softgoods Product Development	4
Elective hours in the department	9
Supporting course requirements	19
ACCTCY 2036: Accounting I	3
MRKTNG 3000: Principles of Marketing OR	
MANGMT 3000: Principles of Management	3
POL SC 1400: International Relations	3
PHIL 1100: Introduction to Ethics	3
GEOG 2550: Intro to the Humanized Earth OR	
GEOG 2780: World Political Geography	3
Foreign language (must be the same language)	10

International apparel marketing and merchandising tract Requirements	15
T A M 2300: Retail Financial and Merchandise Control ..	3
T A M 3100: Fundamentals of E-Commerce	3
T A M 4990: Retail Marketing and Merchandising	3
Select from two of the following:	
T A M 2400: Global Consumers	3
T A M 4110: Global Sourcing	3
T A M 4310: Global Retailing	3

Supporting requirements	37
ACCTCY 2036: Accounting I	3
ACCTCY 2037: Accounting II	3
MRKTNG 3000: Principles of Marketing	3
MANGMT 3000: Fundamentals of Management	3
FINANC 2000: Survey of Business Finance	3
E&CPSY 4170: Introduction to Educational Statistics OR	
STAT 1300: Elementary Statistics OR	
STAT 2500: Introduction to Probability and Statistics..	3
POL SC 1400: International Relations	3
GEOG 2550: Introduction to the Humanized Earth OR	
GEOG 2780: World Political Geography.....	3
PHIL 1100: Introduction to Ethics	3
Foreign language (must be the same language)	10

Track in E-Consumer Studies

The Department of Textile and Apparel Management offers a program in e-consumer studies in cooperation with the Department of Personal Financial Planning. Check the degree requirements under the Department of Personal Financial Planning.

Minor in Textile and Apparel Management

The undergraduate minor requires a minimum of 18 semester hours, with at least six hours at the 2000 level or above. Prerequisites for all courses must be met, or student must have permission of instructor. The required hours within each content area are shown below.

Apparel Industry Studies	6
General	
TAM 1100: Intro. to the Textile & Apparel Industry	
TAM 3100: Fundamentals of E-Commerce	
TAM 2400: Global Consumer	
TAM 3110: Textiles and Apparel in the Global Economy	
TAM 3410: The Clothing/Textile Consumer: Research &	
Analysis	
TAM 4100: E-Commerce Applications	
Apparel Merchandising & Retailing	
TAM 1300: Softgoods Retailing	
TAM 4310: Global Retailing	
TAM 4990: Retail Marketing and Merchandising	
Apparel Manufacturing Management	
TAM 1200: Basic Concepts of Apparel Design and	
Production	
TAM 2280: Apparel Production	
TAM 3280: Principles of Apparel Manufacturing	
TAM 4110: Global Sourcing	
TAM 4980: Apparel Production Management	
Textiles	3
TAM 2200: Textiles	
Historical/Behav. St. in Dress	3
TAM 3510: History of Western Dress	
TAM 2500: Social Appearance in Time & Space	
TAM 4500: History of Textile Manufacturing & Trade	
TAM 4510: History of 19th and 20th Century Dress	
Specialty Area	6
These courses are to be selected in consultation with a TAM	
advisor, and should come from the list above.	

Sample Eight-Semester Programs

Bachelor of Science in Human Environmental Sciences with an emphasis in Apparel Marketing and Merchandising

Fall I

GN HE 1100.....	1
Social/Behavioral	
Science	3
TAM 1100	3
History or Political	
Science	3
MATH 1120	3
Total.....	13

Fall II

TAM 2200.....	3
HES Foundation Course ..	3
TAM 2500	3
ECONOM 1014	3
TAM 2120.....	3
Total.....	15

Fall III

TAM 2300.....	3
Humanities	3
TAM 3110.....	3
ACCTCY 2036	3
TAM 1400.....	3
Total.....	15

Fall IV

Statistics	3
TAM 3100.....	3
HES Foundation Course ..	3
TAM Elective.....	3
TAM Elective.....	3
Total.....	15

Winter I

ENGLSH 1000.....	3
Physical/Biological	
Science	5
TAM 1200.....	3
TAM 1100.....	3
Humanities	3
TAM 1300.....	3
Total.....	17

Winter II

TAM 3510.....	3
Physical/Biological	
Science	4
MRKTNG 3000	3
Social/Behavioral	
Science	3
ECONOM 1015	3
Total.....	16

Winter III

TAM elective	3
MANGMT 3000	3
Elective	3
Humanities	3
ACCTCY 2037	3
Total.....	16

Winter IV

FINANC 3000.....	3
TAM Elective.....	3
TAM 4990.....	3
TAM 3410.....	3
COMMUN 1200	3
Total.....	15

Sample Eight-Semester Programs

Bachelor of Science in Human Environmental Sciences with an emphasis in Apparel Product Development & Management

Fall I

G N HE 1100	1
Social/Behavioral	
Science	3
TAM 1100	3
History or Political	
Science	3
ENGLSH 1000.....	3
Total.....	13

Fall II

TAM 2200.....	3
COMMUN 1200	3
TAM 2500.....	3
ECONOM 1014	3
ACCTCY 2036	3
TAM 2120.....	3
Total.....	18

Fall III

TAM 3280.....	3
TAM 2210.....	3
TAM 3110.....	3
MRKTNG 3000	3
STAT 1300	3
Total.....	17

Fall IV

TAM 1400.....	3
TAM 4110.....	3
TAM Elective.....	3
Physical/Biological	
Science	4
TAM Elective.....	3
Total.....	16

Winter I

Physical/Biological	
Science	5
TAM 1200.....	3
TAM 1300.....	3
MATH 1120	3
Humanities	3
Total.....	15

Winter II

TAM 3510.....	3
Supporting Elective.....	3
TAM 2280.....	4
Humanities	3
ECONOM 1015	3
Total.....	16

Winter III

HES Foundation Course ..	3
MANGMT 3000	3
Social/Behavioral	
Science	3
Humanities	3
TAM 3410.....	3
Total.....	15

Winter IV

TAM 4980.....	4
Supporting Elective.....	3
TAM Elective.....	3
Supporting Elective.....	3
HES Foundation Course ..	3
Total.....	16

Sample Eight-Semester Programs

Bachelor of Science in Human Environmental Sciences with an emphasis in E-Consumer Studies

Fall I

GN HE 1100.....	1
Humanities	3
Physical/Biological Science	5
History or Political Science	3
ENGLSH 1000.....	3
Total.....	14

Fall II

ECONOM 1015	3
SOCIO 1000	3
Humanities	3
COMMUN 1200.....	3
ACCTCY 2036:	3
Total.....	15

Fall III

TAM 3100.....	3
ACCTCY 2258	3
TAM 2400.....	3
FINPLN 4380	3
FINPLN 2185	3
Total.....	15

Fall IV

FINPLN 4387.	3
HES Foundation Course ..	3
Supporting Course	3
MRKTNG 4650	3
Supporting Course	3
Total.....	15

Winter I

MATH 1120	3
Physical/Biological Science	4
PSYCH 1000.....	3
Humanities	3
ECONOM 1014	3
Total.....	16

Winter II

Supporting Course	3
MRKTNG 3000	3
FINPLN 2183.	3
STAT 1300	3
TAM 1300.....	3
Total.....	15

Winter III

HES Foundation Course ..	3
TAM 1400.....	3
Supporting Course	3
Supporting Course	3
TAM 3410.....	3
Total.....	15

Winter IV

FINPLN 4388	3
Supporting Course	3
Supporting Course	3
Supporting Course	3
TAM 3001.....	3
Total.....	15

Sample Eight-Semester Programs

Bachelor of Science in Human Environmental Sciences with an emphasis in International Option: Apparel Production Development & Management

Fall I

GN HE 1100.....	1
MATH 1120	3
TAM 1100	3
History or Political Science	3
HES Foundation Course ..	3
Total.....	13

Fall II

TAM 2200.....	3
TAM 2120.....	3
TAM 2500.....	3
ECONOM 1014	3
ACCTCY 2036	3
Total.....	18

Fall III

TAM 3280.....	3
TAM 1200.....	3
Foreign Language	5
TAM 3110.....	3
Total.....	14

Fall IV

COMMUN 1200	3
TAM 4110	3
TAM Elective.....	3
GEOG 2550	3
GEOG 2780	3
TAM 1400.....	3
Total.....	18

Winter I

ENGLSH 1000.....	3
Physical/Biological Science	5
TAM 2280.....	4
TAM 1300	3
Humanities	3
Total.....	17

Winter II

TAM 2510.....	3
Foreign Language	5
TAM 2210.....	4
ECONOM 1015	3
Total.....	15

Winter III

Humanities	3
POL SC 1400	3
MRKTNG 3000	3
HES Foundation Course ..	3
TAM 3410.....	3
Total.....	15

Winter IV

TAM 4980.....	4
TAM Area Elective	3
TAM Elective.....	3
Biological/Physical Science	4
Humanities	3
Total.....	17

TEXTILE AND APPAREL MANAGEMENT COURSES

TAM 1100—Introduction to the Textile and Apparel Industry (3). Surveys the development, production and marketing of softgoods merchandise from concept to consumer.

T A M 1200—Basic Concepts of Apparel Design & Production (3). Introduction to design techniques, coordination of fabric with design, selection of support materials, and basic understanding of garment assembly operations.

TAM 1300—Softgoods Retailing (3). Surveys merchandising and retailing principles with specific applications to the softgoods industry.

TAM 1400—Softgoods Consumer Behavior (3). Analysis of softgoods consumer behavior; softgoods consumption's contribution to the broader social world; models of consumer behavior which underscore the complex interrelationships between the individual softgoods consumer and his/her social reality.

T A M 2120—Professional Seminar (1). Exploration of issues in professional activity/success including: evaluating opportunities, oral and written communication for presenting oneself, the articulation of professional/private life, and professional ethics. Prerequisites: Second semester junior, first semester senior, or prior to internship.

T A M 2200—Textiles (3). Textile fibers and their processing related to selection, care, and performance of end products.

TAM 2210—Patternmaking (4). A beginning course in the methods of pattern drafting. Methods explored include: flat patterning, draping, and theatrical patterning techniques. Graded on A/F basis only. Prerequisites: TAM 2280 or THEATR 1340 and instructor's consent.

TAM 2211—Patternmaking Lab (1). Beginning course in the methods of pattern drafting including flat patterning and Computer Aided Patternmaking. Graded on A/F basis only. Prerequisites: TAM 2280 or THEATR 1430.

TAM 2280—Apparel Production (4). Introduction to sewn products industry applications in which students assemble sample garments and products on industrial equipment. Order of operations is emphasized and industry specific software is introduced. Prerequisite: T A M 1200 or taken concurrently and T A M 2100.

T A M 2300—Retail Finance and Merchandise Control (3). Emphasizes assortment and financial planning utilizing computer applications in the retail environment. Prerequisites: T A M 1300, MATH 1100/1120 and computer familiarity.

T A M 2400—Global Consumers (3). This course uses consumer behavior and cultural frameworks, integrated with critical and creative thinking processes to develop global perspective that is sensitive to diverse consumers' needs and preferences for products and services in the global marketplace. Graded on A/F basis only.

TAM 2500—Social Appearance in Time and Space (3). An investigation of the motives and meanings that individuals negotiate through the use of dress in presenting themselves as players

in complex social contexts. The emphasis is on cross-cultural, historical, and contemporary settings. Prerequisite: ENGLSH 1000.

T A M 2510—History of Western Dress (3). Surveys the history of Western dress from pre-history through the 18th Century. Prerequisite: ENGLSH 1000.

T A M 3001—Recent Trends in Textiles and Apparel Management (1-3). For upper-class students who wish additional knowledge and understanding in specific subject matter areas.

TAM 3100—Fundamentals of E-Commerce (3). An overview of the development, present status, barriers, and future e-commerce from a managerial point of view. Prerequisite: junior standing.

T A M 3110—Textiles and Apparel in the Global Economy (3). Economic, social, and political dimensions of the textile complex and trade in a global economy; implications for production, distribution, and consumption of products. Prerequisite: T A M 1100 and 6 hours of economics.

T A M 3120—Apparel Manufacturing and Merchandising (3). Investigation of the complex interaction of manufacturing, marketing, and merchandising in the apparel industry, achieved through instructional and experiential study. Includes study trip. Additional fees required. Prerequisite: T A M 1200 or 2200, minimum 2.5 GPA required, and instructor's consent.

T A M 3140—Apparel Manufacturing and Merchandising (3). Investigation of the complex interaction of manufacturing, marketing, and merchandising in the apparel industry, achieved through instructional and experiential study. Includes study trip. Additional fees required. Prerequisite: T A M 1200 or 2200, minimum 2.5 GPA required, and instructor's consent.

T A M 3210—Computer Aided Design (3). Use of computer aided design technology to perform patternmaking techniques for apparel production. Prerequisite: T A M 2210.

T A M 3280—Principles of Apparel Manufacturing (3). A study of the apparel manufacturing industry including the decision making involved in marketing, merchandising, and producing apparel. Prerequisites: T A M 2100, 1200 or instructor's consent.

T A M 3281—Principles Apparel Manufacturing Lab (1). Emphasis on computer technology applications using the Gerber systems of digitizing, marker making, and system management (models and orders). Should be taken concurrently with TAM 3280.

T A M 3400—Clothing, Behavior, and Society (3). Utilization of contextual perspective to examine and to understand use of clothing as a tool in symbolic interaction. Prerequisite: T A M 2500 or instructor's consent.

T A M 3410—The Clothing/Textile Consumer: Research and Analysis (3). Examines the effects of economic, social and marketing factors on the clothing consumption process. Legislative and quality issues related to clothing and textiles are also discussed. Prerequisites: 3 hours of merchandising or marketing; 3 hours in statistics.

T A M 3510—History of Western Dress (3). Surveys the history of Western dress from pre-history through the 18th Century. Prerequisite: ENGLSH 1000.

T A M 4001—Topics in Textiles and Apparel Management(cr.arr.) Selected current topics in field of interest.

T A M 4085—Problems in Textiles and Apparel Management(cr.arr.) Selected current problems in field of interest. Prerequisites: junior standing and instructor's consent.

T A M 4087—Seminar in Textiles and Apparel Management (1-4). Reports and discussion of recent work in area of concentration.

T A M 4100—Electronic Commerce Applications (3). Integration of theory, design, management, and application processes used in Electronic Commerce. Prerequisite: T A M 3100.

T A M 4110—Global Sourcing (3). Global sourcing refers to how and where manufactured goods or components will be procured. In today's global softgoods industry, sourcing has become a major competitive strategy for both manufacturers and retailers. Graded on A/F basis only. Prerequisite: T A M 3110.

T A M 4130—Supply Chain Management (3). This course examines how the supply chain management can be used to gain a competitive advantage in the softgoods industry. Prerequisite: TAM 3110 and junior standing.

T A M 4140—Web-Based Marketing Research (3). This project-oriented course will focus on principles of marketing research applicable to textile/apparel online environments. Students will learn how to develop, utilize, and analyze web-based research. Prerequisites: 3 hours of statistics and junior standing.

T A M 4300—Softgoods Brand Management (3). Management of branded product lines produced by textile and apparel firms; strategic implications of the development of brand equity toward increasing customer loyalty. Prerequisites: T A M 1100 or 1300 and MRKTNG 3000.

T A M 4310—Global Retailing (3). This course will examine how to apply retail concepts and activities to overseas markets, how to evaluate potential overseas markets, and how to develop global retail strategies. Prerequisite: T A M 1300.

TAM 4500—History of Textile Manufacturing and Trade (3). Focuses on changing issues affecting the textile and apparel industry today and examines those issues from both historic and current perspectives. Prerequisite: T A M 2500, 2510.

TAM 4510—19th and 20th Century Western Dress (3). A study of nineteenth and twentieth century Western dress as influenced by time, place, and culture. Prerequisites: T A M 2510, or THEATR 1320 or instructor's consent.

T A M 4949—Field Training in Textiles and Apparel Management(cr.arr.) Practical aspects of internship experience coordinated with the university curriculum. Available for various areas of emphasis.

T A M 4960—Readings in Textiles and Apparel Management(cr.arr.) Selected current readings in field of interest. Prerequisites: senior standing and instructor's consent.

T A M 4980—Apparel Production Management (4). Examination of issues and management strategies necessary to produce a competitively priced apparel product of high quality. Graded on A/F basis only. Prerequisites: 2200 and 2210, and junior standing or above.

T A M 4990—Retail Marketing and Merchandising (3). Analytical management techniques appropriate for evaluation of retailing productivity. Emphasis on the use of these techniques and others in the development of a comprehensive retail marketing strategy. Prerequisites: T A M 1300, ACCTCY 2036, MRKTNG 3000.

School of Social Work

(WITHIN THE COLLEGE OF HUMAN ENVIRONMENTAL SCIENCES)

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Social work is a dynamic and growing human service profession that plays an increasingly important and visible role in our everyday lives. The major educational objective of the undergraduate program in the School of Social Work, which is a department in the College of Human and Environmental Sciences, is to prepare students for competent and skillful first-level professional social work practice.

The Bachelor of Social Work (BSW) professional program is built upon a rigorous liberal arts foundation that prepares students for general practice in social work. Within this framework, students are prepared to apply a configuration of knowledge, values and skill to a variety of individual, family and community problems to effect positive change.

The School of Social Work is accredited by and a charter member of the Council on Social Work Education. BSW students and graduates are eligible for membership in the National Association of Social Workers.

Career & Employment Outlook

Jobs in social work are expected to grow faster than average into the 21st Century. Through social work's unique person-in-environment focus, BSW graduates are prepared to work effectively with individuals, families, small groups, communities and organizations.

Graduates are employed in many different settings, including nursing homes, hospices, hospitals, home care agencies, family service agencies, children and youth services, aging services, residential treatment programs, domestic violence shelters, criminal justice agencies, schools, and legal services agencies.

Graduation Requirements

A minimum of 120 credits with a GPA of 2.5 are required for graduation. The requirements include liberal arts foundation courses, professional BSW core courses and general electives. Students must have a grade of C or better in all required social work core classes.

The Professional BSW core consists of 46 credits. BSW core courses are offered only once each year in sequence and require four semesters to complete. In the third semester of the BSW core, each student spends three full days a week in a social service agency for supervised field instruction.

Admission to the School of Social Work

Incoming students who declare a major in social work when admitted to the University are assigned to an adviser in the School of Social Work. Students are required to complete a range of courses in liberal arts as foundation to the BSW professional program and as electives.

Admission to the BSW professional program is competitive. Students may apply early in the winter semester for fall admission to the BSW professional program social work core if they meet the following criteria:

- 45 credits completed by the application deadline and
- 55 credits expected before the beginning of the first semester of the BSW core
- 2.5 cumulative GPA
- Completion of required liberal arts prerequisite courses with minimum grades
- Submission of BSW Professional Program application, including essay and 3 references by early deadline of February 1 or late deadline of July 15.

Students in good academic standing may declare a social work major. Admission to the Professional BSW program, however is competitive. Application to the Professional BSW Program is made in the Sophomore year and requires a 2.5 cumulative GPA, completion of the *courses below, and, submission of the BSW Professional Program application, including essay and three personal references by the early deadline of February 1st or the late deadline of July 15th for fall admission.

Students wanting to explore social work as a major may take the following exploratory courses:

- SOC WK 1100: Introduction to the Social Work Major
- SOC WK 1115: Social Welfare & Social Work

Required Entry-Level Courses

Specific liberal arts requirements for graduation are listed below (* denotes a prerequisite course to the BSW professional program that must be completed before beginning social work core courses).

Degree core requirements

- English Composition (grade must be C range).....3**
- *ENGLSH 1000.....3

Writing intensive classes	6
Students accepted into the professional BSW program must take SOC WK 2220 and 4951, both designated “WI.” No additional “WI” courses are required.	
Humanities (grades for communication and philosophy must be in the “C” range).....	9
*COMMUN 1200	3
*PHIL (1000, 1100 or 1200 recommended).....	3
Additional humanities	3
Humanities include art and music history and appreciation classes, classical studies courses, foreign civilization courses, literature courses in English or other languages and religious studies courses. Applied art and music performance courses do not count toward the humanities requirement. Students are urged to check with their adviser before selecting courses.	
Science	9
*BIO SC 1010 with a minimum grade in the C range.	3
Lab Science	2
Physical or Mathematical Science	4
Math and Math Reasoning Proficiency	6
MATH 1100/1200	3
SOC WK 4310, E&CPSY 4710, STAT 1200 and 1300 are approved for social work students.	
Note: One course in humanities or biological, physical or mathematical sciences must be at the 2000 level or higher.	
Social science (minimum grade for economics and government must be in the C range)	12
*Economics (micro or macroeconomics).....	3
*Anthropology (student’s choice).....	3
History.....	3
Political science.....	3
*Either the history or the political science course must meet the state government requirement; may be satisfied by POL SC 1100, 1700 or 2100; or HIST 1100, 1200, 1400, 2440, 7000, 4220, 4230	
Behavioral science (grades for sociology and psychology must be in the “C” range).....	15
*SOCIOL 1000	3
*PSYCH 1000.....	3
SOCIOL 3310 OR PSYCH 2310	3
Theories of personality course (SOC WK 3320 or PSYCH 4310)	
SOC WK 2220: Human Behavior and the Environment	
Cultural, ethnic and racial diversity	6
Two courses that reflect the cultural diversity of our society; often selected from social work, sociology, anthropology, peace studies, English, foreign civilizations, religious studies and human development and family studies, Black Studies and Women and Gender Studies	
Electives to reach 120 credits	
In addition to the above liberal arts requirements and the 46-credit Professional BSW Core (inclusive of SOC WK 2220), students select electives to reach the total credit requirement. SOC WK 1115: Social Welfare and Social Work is strongly recommended.	
Social work requirements.....	46
SOC WK 2220: Human Behavior and the Environment	3
SOC WK 4710: Social Justice and Social Policy	3
SOC WK 4720: Variations in Human Behavior	3
SOC WK 4730: Introduction to Social Work Practice.....	3
SOC WK 4770: Strategies of Direct Practice	3
SOC WK 4740: Introduction to Community and Organizational Processes.....	4
SOC WK 4750: Interaction Skills Workshop	3

SOC WK 4760: Theory and Practice of Social Group Work...	3
SOC WK 4951: Research for Social Work Practice	3
SOC WK 4952: Research Methods for Social Work	3
SOC WK 4971: Undergraduate Field Practicum	6
SOC WK 4970: Senior Professional Seminar	3
Social work elective in a field of practice	3

Capstone Requirements

All students accepted into the professional BSW program must take SOC WK 4971: Undergraduate Field Practicum and SOC WK 4970: Senior Professional Seminar as their capstone experience.

Basic Skills Credit Limitations

No more than 4 credits may be taken from “skills” courses to count toward the required 120 credits. More skill classes may be taken, but will be in excess of the 120 credits. Examples of skills courses are applied art and music performance classes, computer skills, self-defense and first aid.

Departmental Honors

The School of Social Work follows the College of Human Environmental Sciences requirements for honors.

Minor in Social Justice

The social justice minor is designed to give non-social work majors the opportunity to develop knowledge and understanding about social justice in the person-environment context. Social justice involves the idea that in a perfect world all citizens would have identical social benefits, protections and opportunities regardless of their backgrounds and membership in diverse groups. Recognizing that the world is not perfect, the primary goals for the minor in social justice are to enhance sensitivity to vulnerable and at-risk populations, to provide opportunity for critical review of social policies and the allocation of societal resources and to stimulate interest in advocacy and the planned change process.

Students who complete the social justice minor may not refer to themselves as BSW-level social workers upon graduation.

A minimum of 15 credits, comprised of the courses below, is required to complete the social justice minor.

Minor core requirements

SOC WK 1115: Social Welfare and Social Work	
SOC WK 2220: Human Behavior and the Social Environment	
SOC WK 4710: Social Justice and Social Policy OR	
SOC WK 2000: Exploration in Social Justice	

Social work electives (choose from)

SOC WK 4330: Addiction Treatment and Prevention	
SOC WK 4360: Working with Minority Youth	
SOC WK 4370: Delinquency Corrections and Social Treatment	
SOC WK 4380: Social Work Practice with Minorities	
SOC WK 4390: Helping Strategies with Children and Adolescents	
SOC WK 4400: Domestic Violence	
SOC WK 4410: Law and Social Work practice	
SOC WK 4450: Introduction to Child Welfare	
SOC WK 4455: Latino/a Immigrants in Receiving Communities	

Sample Eight-Semester Programs

Bachelor of Social Work (BSW)

Fall I

*ENGLSH 1000.....	3
*BIO SC 1010.....	3
BIO SC 1020 (lab).....	2
*PSYCH 1000.....	3
*History (Constitution)....	3
SOC WK 1110 (Elective).....	1
Total.....	15

Fall II

*Economics.....	3
Elective.....	3
Physical Science.....	4
SOC WK 2220.....	3
Cultural Diversity.....	3
Total.....	16

Fall III

SOC WK 4710.....	3
SOC WK 4730.....	3
SOC WK 4750.....	3
Cultural Diversity.....	3
Elective.....	3
Total.....	15

Fall IV

SOC WK 4770.....	3
SOC WK 4951.....	3
SOC WK 4971.....	6
SOC WK 4970.....	3
Total.....	15

Winter I

*COMMUN 1200.....	3
*MATH 1120.....	3
*SOCIOL 1000.....	3
*Anthropology (any).....	3
SOC WK 1115 (Elective).....	3
Total.....	15

Winter II

*Philosophy (any).....	3
Political Science.....	3
Humanities (upper level).....	3
SOC WK 3320.....	3
Social Psychology.....	3
Total.....	15

Winter III

SOC WK 4720.....	3
SOC WK 4740.....	3
SOC WK 4760.....	3
SOC WK 4951.....	3
SOC WK Practice Elective 3	
Total.....	15

Winter IV

SOC WK 4952.....	3
SOC WK 4310.....	3
Elective.....	3
Elective.....	3
Elective.....	1
Total.....	13

* = prerequisite courses to the BSW Professional Program

SOCIAL WORK COURSES

SOC WK 1101—Topics in Social Work (1-3). Special and emerging topics in social work and social welfare. Subject, content and credit varies depending on available faculty and student interest. For undergraduate students only.

SOC WK 1110—Introduction to the Social Work Major (1). Students examine their interest in social work and other human service professions; learn of career possibilities in their interest area; and develop an educational plan to reach their goal. Prerequisite: freshman or sophomore standing.

SOC WK 1115—Social Welfare and Social Work (3). Survey course that examines the history and development of social welfare in the United States and the profession of social work, as well as contemporary issues.

SOC WK 2000—Exploration in Social and Economic Justice (3). This course explores issues of fairness and equality in economic,

political and social systems, and applies social justice principles to major social problems. Graded on A/F basis only. Course may be repeated two times for credit.

SOC WK 2101—Topics in Social Work (1-3). Special and emerging topics in social work and social welfare. Subject, content, and credit varies depending on available faculty and student interest. For undergraduate students and graduate students outside the school. Prerequisite: consent required.

SOC WK 2220—Human Behavior and the Environment (3). The first of two required courses providing an introduction to selected theories, multidisciplinary knowledge, and perspectives into human development and behavior. Prerequisite: ENGLSH 1000 or sophomore standing. Graded on A/F basis only.

SOC WK 3101—Topics in Social Work (1-3). Special and emerging topics in social work and social welfare. Subject, content and credit varies depending on available faculty and stu-

dent interest. For undergraduate and graduate students. Prerequisite: consent required.

SOC WK 3310—Comparative Social Policy (2-3). A comparative study of social policy aspects in the framework of international development. Policy areas include South Asia, as well as other regions relevant to such study. Prerequisite: consent required.

SOC WK 3320—Understanding Personality in a Social Context (3). Introduces students to diverse personality theories and examines background, key concepts, motivation, structure, development dynamics and applications of each theory in a social context. Required of all undergraduate social work majors.

SOC WK 3330—Medical Social Problems (2). Interrelations of biological, psychological, social factors in understanding people with common physical illnesses. Prerequisites: junior standing and instructor's consent.

SOC WK 3340—Dynamics of Interviewing (3). Analysis of interviewing techniques em-

ployed in communication for securing reliable, valid data to modify behavior in accordance with professional objectives. Prerequisites: junior standing and consent required.

SOC WK 3350—Problems in Social Work (1-3). Research and independent study projects offered on a tutorial basis to undergraduate social work students. Prerequisites: consent required.

SOC WK 4300—Women and Health Care (3). Provides a study of the role of women as health care providers and an analysis of the impact of value systems and the women's movement on the organization and delivery of health services to women.

SOC WK 4310—Social Statistics (3). Descriptive, analytic techniques applied to qualitative and quantitative social data. Prerequisite: sophomore standing.

SOC WK 4320—Rural Human Services (3). A study of the effect of rural and small community environments on the planning and delivery of social and health services. Emphasis on policy and program analyses relevant to rural issues and concerns. Prerequisite: junior standing.

SOC WK 4330—Addiction Treatment and Prevention (3). Provides knowledge generic to social work and other disciplines involved in substance abuse treatment. Integrated approach to problems of substance abuse and development of self-awareness are emphasized. Didactic and experiential methods employed. Prerequisite: junior standing.

SOC WK 4360—Working with Minority Youth (3). (same as Black Studies 4360). Develops awareness and understanding of social/psychological and cognitive realities influencing the behavior of minority youth. Content draws upon theories, research and practice skills relevant to understanding and counseling minority youth. Prerequisite: junior standing.

SOC WK 4370—Delinquency, Corrections and Social Treatment (3). Focuses on problems and causative factors in developing and maintaining delinquent and criminal behavior and attitudes: addressing critical and comparative understanding of social change strategies employed in this field. Prerequisite: junior standing.

SOC WK 4380—Social Work Practice With Minorities: African-American Emphasis (3). (same as Black Studies 4380). Provides students with an appreciation of the African-American experience in the United States on a knowledge and feeling level. Prerequisite: junior standing.

SOC WK 4390—Helping Strategies With Children and Adolescents (3). Theory and practice of work with children and adolescents. Focus on youth in transition, protective services and permanency planning, and special needs populations. Prerequisite: junior standing.

SOC WK 4400—Domestic Violence (3). (same as Women's and Gender Studies 4400). This 3-hour course covers history of battered women's movement, violence theories, policy issues, prevention and intervention practice models for working with battered women, their children, and abusers. Prerequisite: junior standing

SOC WK 4410—Law and Social Work Practice (3). Legal processes relevant to social work practice and court procedures, and study of decisions affecting social work across micro and macro practice. Prerequisite: junior standing.

SOC WK 4450—Introduction to Child Welfare Practice and Services (3). Introductory course designed to develop the student's awareness, understanding and appreciation of the field of child welfare and specifically of its most critical function: child protection. Prerequisite: junior standing.

SOC WK 4455—Latino/a Immigrants and Receiving Communities (3). This interdisciplinary course is designed to educate students about the Latino/a immigrants seeking better lives and the communities that receive them. Special attention is given to social justice issues; micro, mezzo, and macro systems will be used to explore content.

SOC WK 4710—Social Justice and Social Policy (3). Based on the concepts of human need and social justice, a historical and analytical approach to social welfare policies and programs. Graded on A/F basis only. Prerequisites: junior standing and consent required.

SOC WK 4720—Variations in Human Behavior (3). Basic concepts and principles regarding psychological/social dynamics of deviance; implications for social welfare policy and social interventions. Prerequisites: junior standing and consent required.

SOC WK 4730—Introduction to Social Work Practice (3). Introductory, generalist practice theory course promoting student's understanding of professional social work practice as holistic, identifiable, unique configuration of knowledge, values and skills. Graded on A/F basis only. Prerequisite: Social Work Professional Standing and consent required.

SOC WK 4740—Introduction to Community and Organizational Processes (3). Introduction to contextual framework of social work practice with particular emphasis on community and organization as social systems. Graded on A/F basis only. Prerequisite: Social Work Professional standing and consent required.

SOC WK 4750—Interaction Skills Workshop (3). Generalist practice at individual, group and community levels. Group communication and social influence theories address generic and unique aspects of interaction across systems. Uses laboratory instruction. Graded on A/F basis only. Prerequisites: Social Work Professional standing and consent required.

SOC WK 4760—Theory and Practice of Social Group Work (3). Focuses on small group dynamics and models of group work practice suitable in all social work fields. Emphasizes practice theory and skills. Graded on A/F basis only. Prerequisites: Social Work Professional standing.

SOC WK 4770—Strategies of Direct Practice (3). Examines social structures, processes: underlying assumptions/concepts of social change, client constellation, organizational arrangements, role relationships by which social workers define professional intervention. Prerequisites: SOC WK 4730 and 4750; third semester professional program standing; consent required. Co-requisite: SOC WK 4971 and 4970. f.

SOC WK 4951—Research for Social Work Practice (3). This course introduces social work research and its relevance to practice, emphasizing the School of Social Work's social justice mission. Graded on A/F basis only. Prerequisites: Social Work Professional standing or consent required.

SOC WK 4952—Research Methods for Social Work (3). Survey of research methods germane to the development of the knowledge base of social work practice. Graded on A/F basis only. Prerequisites: Social Work Professional standing or consent required.

SOC WK 4960—Special Readings in Social Work (1-3). Extensive readings in selected area or intensive reading in a special field. Prerequisites: consent required.

SOC WK 4970—Senior Professional Seminar (3). Integrative professional practice seminar for BSW students, focusing on the principles of generic social work and its application to direct practice in diverse fields, career planning and responsibilities. Prerequisite: SOC WK 2220, 4710, 4730, 4740, 4750, 4760, and 4720; consent required. Co-requisite: SOC WK 4770 and 4970.

SOC WK 4971—Undergraduate Field Practicum (6). Supervised social work practice in a school-approved agency focusing on development of direct practice skills. Fall semester, three days per week. Prerequisites: senior standing; SOC WK 2220, 4710, 4730, 4740, 4750, 4760, and 4720; consent required. Co-requisite: SOC WK 4770 and 4970. Graded on S/U basis only.