# School of Human Sciences

Director: Michael E. Newman

Office: (662) 325-2950

The mission of the School of Human Sciences is to improve the wellbeing of individuals, families, communities and related businesses and industries through teaching, research and outreach. An integrative approach is carried out in these program areas:

- Agricultural Information Science and Education (AISE)
- Apparel, Textiles and Merchandising (ATM)
- Human Development and Family Studies (HDFS)

The School of Human Sciences currently has the following accreditations: American Association of Family and Consumer Sciences (AAFCS) and National Council for Accreditation of Teacher Education (NCATE) in Vocational Home Economics and Agriculture.

The commitment of Human Sciences' faculty and staff to excellence is evident in teaching, especially considering the growth, demand for the programs offered in the School, and the number of teaching and advising awards received by the faculty. The School of Human Sciences has more Grisham Master Teachers and CALS Excellence in Teaching Awards than any other unit within the Division and College. The School remains committed to this path of excellence, striving to provide students with contemporary programs and outstanding learning opportunities at the undergraduate and graduate levels. The School provides strong curricula and excellent teaching and advising.

The School's programs are strong components of the land grant institution, which is designed to provide outreach to the community and state. The School's commitment to this process is evident in several outreach programs, such as its early childhood development work. Human Sciences faculty and graduates work with people in and across a variety of settings, including homes; schools; clinical settings; community agencies and institutions; and business, industry, and government. Graduates are prepared to address the social and economic challenges that face the state and its communities.

# Agricultural Information Science (AIS) Major

Academic Coordinator: Emily Shaw

Office: (662) 325-7703

Agricultural Information Science is the science of assisting others to learn how to access, analyze, apply, and amend information to solve problems in agriculture. The curriculum is designed to prepare students to enter professions requiring extensive knowledge and skill in solving agricultural and agriculturally-related problems. Students are prepared to meet agriculture industry's needs for individuals who can create, access, disseminate, apply, amend, and integrate information to solve problems in agriculture. Agricultural Information Science graduates may become involved in a variety of occupations in agricultural business and industry, education, production, extension, public relations, and others. The major requires 124 semester hours as shown in the catalog description. Students may choose to complete a concentration in either Teaching or Agricultural Leadership. These concentrations are achieved by completing a combination of 42 hours of specified courses and

restricted electives as approved by an AIS advisor. Those students who would prefer an emphasis in communications will need to complete the Agricultural Leadership Concentration and complete their electives in communication, subject to advisor approval.

The Teaching Concentration is designed to provide skills for individuals seeking careers in production agriculture or secondary school education. The Agricultural Leadership Concentration is designed to provide skills for individuals seeking careers in business, industry and extension.

Students desiring to receive certification to teach in secondary agriculture programs will need to complete certification requirements. The Agricultural Education teacher education program at Mississippi State University is NCATE accredited. Students must conform to the policies on teacher education, as explained under "Teacher Licensure" elsewhere in this catalog.

Graduates will have knowledge of

- 1. agricultural and ecological information sciences;
- 2. principles of teaching and learning;
- 3. basic agricultural sciences;
- 4. theories and principles of human communication; and
- 5. agricultural business principles.

Graduates will be able to

- plan and conduct education programs in classroom and community settings;
- 2. assess and prioritize the needs and goals of various audiences;
- develop strategies to meet constituents' needs and accomplish goals;
- assess the appropriateness of strategies and revise the strategies as needed;
- communicate effectively orally and in writing to various audiences; and
- 6. access and analyze information.

In capstone courses, students produce and present reports that demonstrate the performance learning objectives. In addition to faculty assessment, external assessors from other departments and from typical clientele audiences observe presentations and provide feedback.

Field experience supervisors and co-curricular sponsors, along with student participants, provide feedback about the field experience using a form based on the learning objectives.

### **Agricultural Information Science Minor**

The Agricultural Information Science (AIS) minor is offered to allow students in other majors to develop leadership and human relation skills needed by new graduates entering the agriculture workforce. Students will enhance their communication, leadership, problem-solving, and interpersonal skills to become effective employees in the agricultural workforce. Students must complete a minimum of 16 hours of AIS coursework from a list of approved courses.

### Agricultural Science (AGS) Major

**Academic Coordinator: Emily Shaw** 

Office: (662) 325-7703

The Agricultural Science degree prepares individuals for a variety of agricultural related careers. Many agricultural businesses and

organizations are seeking graduates who have a diversified knowledge of agriculture and life sciences, which includes production agriculture, business, leadership and management. Many graduates become involved in agriculture business and industry, production agriculture operations, international agriculture development or pursue advanced study in areas such as nutrition and agricultural education.

Agricultural Science allows students to develop a high concentration of science and specialized agricultural study. Through the Agricultural Science degree program, a student can pursue a bachelor of science in agriculture and develop specialization areas that will serve his/her individual needs and interests. For the degree requirements, students must complete 124 hours, which includes 18 hours of science and 58 hours of agricultural science. Thirty hours will be agricultural science electives, which must be taken from two different agriculture focus areas within the College of Agriculture and Life Sciences. (See advisor for suggested focus areas.) The student should select agricultural focus areas that are closely related and complement each other and are related to the career objectives of the student. At least 12 hours in each agricultural focus area must be 3000-4000 level courses. The student will also have 14 hours of agriculture and science electives to complete which should also complement the selected agricultural focus areas. At least three hours must be a natural life science.

Graduates will have knowledge of

- 1. the diversified field of agriculture;
- 2. basic agricultural sciences;
- 3. leadership principles;
- 4. the basic principles of production; and
- the application of basic science principles to production agriculture and agricultural business management.

Graduates will be able to

- 1. plan and conduct basic agricultural research;
- 2. manage an agricultural enterprise (business or production);
- 3. provide leadership in a variety of employment settings; and
- 4. communicate effectively orally and in writing to various audiences.

In various courses, students produce and present reports that demonstrate the performance learning objectives. In addition to faculty assessment, external assessors from other departments and from typical clientele audiences observe presentations and provide feedback.

Internship supervisors and co-curricular sponsors, along with student participants, provide feedback about the internship using a form based on the learning objectives.

### **Human Sciences (HS) Major**

The Human Sciences degree provides educational, research, and outreach programs related to the interaction of people with their environment. More importantly, the multidisciplinary areas within Human Sciences focus more on the basic human needs, such as food, shelter, clothing, human interaction and relationships, commerce and family life. In light of the current trends and anticipated changes, the mission of the Human Sciences degree is to prepare students to conduct research and outreach activities to impact the social, health, and economic concerns facing individuals, families, and communities.

The following concentrations are offered in the School of Human Sciences: Apparel, Textiles, and Merchandising (ATM); and Human Development and Family Studies (HDFS).

### Apparel, Textiles, and Merchandising (ATM) Concentration

Academic Coordinator: Emily Shaw

This program is designed to provide students with an understanding of fashion and textile industries, consumer behavior, product development, business principles, and technology applications. Students concentrate in one of two areas: Merchandising or Apparel Production and Design. Merchandising combines an overview of the fashion industry, consumer behavior, product development, planning, buying business operations and entrepreneurship. Apparel Production and Design emphasizes the total design and production process from inception to finished product and its ultimate sale to the consumer. Specialized labs and industry software provide students with extensive hands-on experience in the latest design, product development, and fashion retailing technology applications. A grade of "C" or better is required for all major courses (Human Sciences courses).

### Human Development & Family Studies (HDFS) Concentration

Academic Coordinator: Emily Shaw

This program offers an interdisciplinary lifespan approach to the study of children, youth, and families. It encompasses specialty areas in preschool teaching, childcare, youth studies, family studies, child life, and family and consumer sciences teacher education. Students develop an awareness of trends, issues and public policy affecting families; analyze factors that influence cognitive, emotional, social and physical development in the contexts of culture and family. Graduates enter diverse public and private sectors that focus on enabling children, youth, and families to function effectively in today's complex society.

Specific course work is required to specialize in each area or meet Class A teacher licensure requirements for family and consumer sciences in the state of Mississippi. Specific course work is also required to specialize in child life, preschool education, youth studies, or family studies. A grade of "C" or better is required for all major courses (Human Sciences courses).

The Family and Consumer Sciences teacher education program at Mississippi State University is NCATE accredited. Students must conform to the policies on teacher education, as explained under "Teacher Licensure" elsewhere in this catalog. Following is a list of courses taught in selected Mississippi high schools and vo-tech centers: family dynamics, resource management, nutrition and wellness, family and individual health, personal development, and child development. Family and Consumer Sciences teachers can also teach in high school Occupational Programs (such as food production, childcare, and clothing production). Some additional on-the-job training is required to teach these courses. Completion of a Bachelor of Science in Human Sciences (Family and Consumer Sciences Education emphasis) degree from the School of Human Sciences at Mississippi State University leads to licensure to teach these courses.

### **Gerontology Minor/Certificate**

Graduate Certificate Coordinator: Associate Professor Joe Wilmoth

Undergraduate Minor Coordinator: Associate Professor Carolyn Adams-Price

The Gerontology Minor/Certificate provides students with current factual and theoretical data along with practical experience relating to the process of aging. It is a multidisciplinary effort with contributions from a variety of departments cutting across several colleges. Students completing the requirements will earn a minor/certificate in gerontology.

This area of study is open to students from all colleges within the University. The Gerontology Minor/Certificate was developed to supplement the student's chosen major. Undergraduate students wishing to complete the Gerontology requirements will select a major in addition to electing 15 hours of gerontology course work.

# Agricultural Information Science (AIS) Major

Academic Coordinator: Emily Shaw

Office: (662) 325-7703

#### **General Education Requirements**

**English Composition I** 

#### **English Composition**

EN 1103

	English composition i	•
or EN 1163	Accelerated Composition I	
EN 1113	English Composition II	3
or EN 1173	Accelerated Composition II	
Mathematics		
MA 1313	College Algebra	3
MA 1323	Trigonometry	3
or MA /ST 2113	Introduction to Statistics	
Science		
BIO 1134	Biology I	4
BIO 1144	Biology II	4
CH 1043	Survey of Chemistry I	3
or CH 1053	Survey of Chemistry II	
or CH 1213	Chemistry I	
Humanities		
Select from Gene	eral Education courses	6
Fine Arts		
Select from Gene	eral Education courses	3
Social Sciences		
AEC 2713	Introduction to Food and Resource Economics	3
or EC 2113	Principles of Macroeconomics	
or EC 2123	Principles of Microeconomics	
PSY 1013	General Psychology	3
Major Core		
ADS 1114	Animal Science	4
AEC 3133	Introductory Agribusiness Management	3
AIS 2413	Introduction to Agricultural Information Science	3
AIS 3333	Professional Presentations in Agriculture and Life Sciences	3
AIS 3803	Leadership Development in Agriculture and Life Sciences	3
AIS 4403	Development of Youth Programs	3

AIS 4424	Teaching Methods in Agriculture and Human Sciences	4	
PSS 1313	Plant Science	3	
or BIO 2113	Plant Biology		
PSS 3301	Soils Laboratory	1	
PSS 3303	Soils	3	
Oral Communication Requirement			
Satisfied by the s	uccessful completion of AIS 3333 or AIS 4424	3-4	
Writing Requirement			
AIS 3203	Professional Writing in Agriculture, Natural Resources, and Human Sciences	3	
Computer Literacy			
AIS 4203	Applications of Computer Technology to Agricultural Information Science and Education	3	

#### **Teaching Concentration (TC)**

	AIS 4113	Methods of Teaching Agriscience	3
	AIS 4873	Professional Seminar in Agricultural Information Science and Education	3
	AIS 4886	Teaching Internship in Agriculture Information Science and Education	6
	AIS 4896	Teaching Internship in Agriculture Information Science and Education	6
	EDX 3213	Psychology and Education of Exceptional Children and Youth	3
	ABE 1073	Agricultural Mechanics	3
	PSS 4343	Controlled Environment Agriculture	3
	Restricted Plant S	Science Elective <sup>1</sup>	
	Restricted Environ	nmental Science Elective <sup>2</sup>	
Restricted Animal Science Elective <sup>3</sup>			
	Agriculture electiv	res	6-7
	Free electives		8

- Select one course from PSS 2343, PSS 2423, PSS 3133, PSS 3923, PSS 4103, PSS 4123, PSS 4133, PSS 4613, FO 2113
- Select one course from GR 3113,ENS 2103 PSS 4333
- <sup>3</sup> Select one course from ADS 2102, ADS 3142, ADS 3213, ADS 3223, ADS 3312,ADS 3314 ADS 3812, ADS 4113, ADS 4212,ADS 4222 ADS 4232, ADS 4814, PO 3313

# Agricultural Leadership Concentration (AGLD)

CO 1003	Fundamentals of Public Speaking	3
CO 3213	Small Group Communication	3
PHI 1123	Introduction to Ethics	3
or MGT 3823	Socially Responsible Leadership	
Choose one of the	ne following:	3
MGT 3813	Organizational Behavior	
PSY 3623	Social Psychology	
PS 3013	Political Leadership	
EXL 1191	Leadership Studies Internship I	1
AIS 3500	Internship in Agricultural Information Science	3
Agricultural Lead	lership Elective	3

#### Choose one of the following:

AEC 4413	Public Problems of Agriculture	3
or ENS 2103	Introduction to Environmental Science	
or PS 2703	Introduction to Public Policy	
Professional Elec	18	
Ag/Business/Communication Electives <sup>2</sup>		8
Free electives		
Total Hours		

- Electives must be approved by the advisor and related to a focus area or career objective.
- Electives should be chosen in consultation with an advisor and be chosen from the areas of agriculture, business, management, marketing, or communication.

# Agricultural Information Science (AIS) Minor

Required courses		
AIS 2413	Introduction to Agricultural Information Science	
AIS 3803	Leadership Development in Agriculture and Life Sciences	
AIS 4424	Teaching Methods in Agriculture and Human Sciences	
Electives (choose two of the following)		
AIS 3333	Professional Presentations in Agriculture and Life Sciences	
AIS 4103	Objectives and Procedures of Programs in Agricultural Information Science and Education	
AIS 4403	Development of Youth Programs	
AIS 4503	International Agricultural Education	
<b>Total Hours</b>		16

### Agricultural Science (AGS) Major

Major Advisor: Professor Kirk Swortzel

Office: (662) 325-7837

### **General Education Requirements**

#### **English Composition**

EN 1103	English Composition I	3
or EN 1163	Accelerated Composition I	
EN 1113	English Composition II	3
or EN 1173	Accelerated Composition II	
Mathematics		
MA 1313	College Algebra	3
Select from Gene	ral Education courses	3
Science		
BIO 1134	Biology I	4
BIO 1144	Biology II	4
CH 1043	Survey of Chemistry I	3
or CH 1213	Chemistry I	
Humanities		
Select from General Education courses		
Fine Arts		

Select from Gene	eral Education courses	3	
Social Science			
AEC 2713	Introduction to Food and Resource Economics	3	
or EC 2113	Principles of Macroeconomics		
or EC 2123	Principles of Microeconomics		
Select from Gene	eral Education courses	3	
Major Core			
ABE 1863	Engineering Technology in Agriculture	3	
ADS 1114	Animal Science	4	
AEC 3133	Introductory Agribusiness Management	3	
AIS 3333	Professional Presentations in Agriculture and Life Sciences	3	
AIS 3500	Internship in Agricultural Information Science	1-6	
CH 1051	Experimental Chemistry	1	
CH 1053	Survey of Chemistry II	3	
or CH 1223	Chemistry II		
EPP 2213	Introduction to Insects	3	
or EPP 4113	Principles of Plant Pathology		
PSS 1313	Plant Science	3	
or BIO 2113	Plant Biology		
PSS 3301	Soils Laboratory	1	
PSS 3303	Soils	3	
15 hours from ea	ch of two agriculture focus areas <sup>1</sup>	30	
Agriculture/science	ce electives <sup>1,2</sup>	14	
Free electives		6	
Oral Communica	ation Requirement		
AIS 3333	Professional Presentations in Agriculture and Life Sciences	3	
Writing Requirement			
AIS 3203	Professional Writing in Agriculture, Natural Resources, and Human Sciences	3	
Computer Litera	су		
AIS 4203	Applications of Computer Technology to Agricultural Information Science and Education	3	
Total Hours		124	

- See advisor for approved courses.
- 2 3 hours must be a natural/life science.

### **Human Sciences (HS) Major**

# **Human Development and Family Studies Concentration**

Е	English Composition		
	EN 1103	English Composition I	
	or EN 1163	Accelerated Composition I	
	EN 1113	English Composition II	
	or EN 1173	Accelerated Composition II	
F	Fine Arts		
Select from General Education courses			
S	Science 6-6		
See emphasis area			
N	Mathematics		

MA 1313	College Algebra	3
Select from Gene	ral Education courses above MA 1313 (3 hrs)	
Humanities		6
Select from Gene	ral Education courses	
Social/Behaviora	al Sciences	6
See emphasis are	ea	
Individual and F	amily Development Emphasis	
Science with Laborate	oratory (Child Life option must take BIO 1004)	6
Science *		3
Social/Behavioral	Science *	6
CO 1003	Fundamentals of Public Speaking	3
Computer Literac	y course	3
AIS 3203	Professional Writing in Agriculture, Natural Resources, and Human Sciences	3
or EDF 3413	Writing for Thinking	
or EPY 3513	Writing in the Behavioral Sciences	
or MGT 3213	Organizational Communications	
or SO 3103	Social Theory I	
HS 1701	Survey of Human Sciences	1
HS 1813	Individual and Family Development through the	3
	Lifespan *	
HS 3303	Consumer Economics	3
HS 3813	Lifespan Theory	3
HS 4333	Families, Legislation and Public Policy	3
HS 4424	Teaching Methods in Agriculture and Human Sciences	4
HS 4701	Internship Placement Seminar	1
HS 4702	Human Sciences Senior Seminar	2
HS 4803	Parenting	3
HS 4853	The Family: A Human Ecological Perspective	3
HS 4883	Risk, Resilience and Preventive Interventions	3
Hours from option	1	39-41
Free electives		9-11
Total hours		124
Child Studes (Pr	eschool/Child Life) Option	39-41
HS 2283	Child Health and Nutrition	
or HS 4834	The Hospitalized Child	
HS 2803	Pre-natal and Infant Development	
HS 2813	Child Development	
HS 3803	Child Care Procedures	
HS 3823	Designing Child Care Programs	
HS 4740	PreK-K Teacher Candidacy Internship ((12 hours))	
or HS 4760	Child Studies Internship	
or HS 4770	Child Life Internship	
HS 4823	Development and Administration of Child Service Programs	
HS 4831	Child Life Foundations (required for Child Life)	
EDE 3233	Teaching Children's Literature at the Elementary and Middle Levels	
EDX 3213	Psychology and Education of Exceptional Children and Youth	
COE 4013	Facilitative Skills Development	

Vanish Chadian Ontion		
Youth Studies O HS 4780	•	39
HS 4873	Youth Studies Internship (12 hours)	
	Positive Youth Development	
AIS 4403	he following (9 hours):  Development of Youth Programs	
PSY 3413	Human Sexual Behavior	
EDX 3213		
	Psychology and Education of Exceptional Children and Youth	
COE 4013	Facilitative Skills Development	
option area:	from the following restricted electives or other	
HS 2813	Child Development	
HS 3673	Environments for Special Needs	
HS 3833	Human Development in the Context of Leisure and Recreation	
PSY 4223	Drug Use and Abuse	
EDX 4423	Teaching the Disadvantaged Child	
EPY 3503	Principles of Educational Psychology	
EPY 3553	Giftedness/Creativity	
EPY 4053	Psychology and Education of the Mentally Retarded	
SO 2203	Cultural and Racial Minorities	
SO 3213	Introduction to Social Research	
SO 3313	Deviant Behavior	
SO 3503	Violence in the United States	
SO 3603	Criminological Theory	
SO 4233	Juvenile Delinquency	
SO 4333	Sociology of Sport	
PE 3033	Basketball and Football Officials	
PE 3133	Adapted Physical Education	
PE 3163	Sport Psychology	
PE 3422	Coaching Football	
PE 3432	Coaching Basketball	
PE 3433	General Safety Methods	
PE 3452	Coaching Softball and Baseball	
MGT 3114	Principles of Management and Production	
MGT 3213	Organizational Communications	
MGT 3513	Introduction to Human Resource Management	
MGT 3813	Organizational Behavior	
MGT 4563	Staffing in Organizations	
MKT 3013	Principles of Marketing	
MKT 3213	Retailing	
MKT 4113	Personal Selling	
MKT 4123	Advertising	
Family Studies C	Option	39
HS 2813	Child Development	
HS 3673	Environments for Special Needs	
HS 4313	Family Resource Management	
HS 4403	Introduction to Gerontology	
HS 4790	Family Studies Internship. (12 hrs)	
HS 4813	Adult Development: The Middle Years	
HS 4843	Family Interaction	
HS 4873	Positive Youth Development	

COE 4013	Facilitative Skills Development	
PSY 3413	Human Sexual Behavior	
Total hours need	ded for major	124
	mer Sciences Education Emphasis	
CH 1043	Survey of Chemistry I *	
Science with labo	oratory (6 hrs - see General Education requirments)	
AIS 3203	Professional Writing in Agriculture, Natural	
	Resources, and Human Sciences <sup>1</sup>	
or EDF 3413	Writing for Thinking	
EDF 3333	Social Foundations of Education	
EDF 4243	Planning for the Diversity of Learners	
EDX 3213	Psychology and Education of Exceptional Children and Youth	
EPY 3143	Human Development and Learning Strategies in Education	
EPY 3253	Evaluating Learning	
EPY 3543	Psychology of Adolescence *	
EDS 3411	Practicum in Secondary Education	
KI 1803	Health Trends and Topics	
PSY 1013	General Psychology	
PSY 3413	Human Sexual Behavior	
HS 1533	Apparel Design I	
HS 2203	Science of Food Preparation	
HS 2283	Child Health and Nutrition	
HS 2293	Individual and Family Nutrition	
HS 2524	Textiles for Apparel	
HS 2593	Product Development II	
HS 2603	Interior Design Fundamentals	
HS 2813	Child Development	
HS 3000	Field Experience (1-6 hrs, minimum of 5)	
HS 3303	Consumer Economics <sup>2</sup>	
HS 4313	Family Resource Management	
HS 4333	Families, Legislation and Public Policy	
HS 4424	Teaching Methods in Agriculture and Human	
	Sciences <sup>3</sup>	
HS 4462	Curriculum in Human Sciences	
HS 4803	Parenting	
HS 4886	Teaching Internship in Human Sciences	
HS 4896	Teaching Internship in Human Sciences	
Total hours		124

- Meets General Education requirement
- Fulfills writing requirement
- <sup>2</sup> Fulfills oral communication requirement
- <sup>3</sup> Fulfills computer literacy requirement

# **Apparel, Textiles, and Merchandising (ATM) Concentration**

English		6
EN 1103	English Composition I	
EN 1113	English Composition II	
Fine Arts (General Education)		

Any Gen Ed cour	rse	
Natural Science	s (2 labs required from Gen Ed)	6-8
Any Gen Ed cour	se	
Extra Science (i	f appropriate)	3
CH 1043	Survey of Chemistry I	
Math (General Education)		
MA 1313	College Algebra	
BQA 2113	Business Statistical Methods I	
or ST 2113	Introduction to Statistics	
Humanities (Ger	neral Education)	6
3 hours Foreign L	_anguage	
3 hours Gen Ed	course	
Social/Behavior	al Sciences (Gen Ed)	6
PSY 1013	General Psychology	
EC 2113	Principles of Macroeconomics	
Major Core Cou	rses	3
HS 1701	Survey of Human Sciences	
HS 4702	Human Sciences Senior Seminar	
Concentration C	Courses	85
EC 2113	Principles of Macroeconomics <sup>1</sup>	
HS 1523	Visual Design in Dress	
HS 1533	Apparel Design I	
HS 1711	Professional Protocol	
HS 2524	Textiles for Apparel	
HS 2553	Fashion Merchandising	
HS 2593	Product Development II	
HS 3553	Fashion Retailing	
HS 3593	Merchandising and Promotion Strategies	
HS 3563	Visual Merchandising	
HS 3573	Historic Costume	
HS 4513		
HS 4701	Social-Psychological Aspects of Clothing Internship Placement Seminar	
HS 4711	ATM Senior Portfolio	
	THE COMMON CONTROL OF THE CONTROL OF	
HS 4763	Apparel, Textiles and Merchandising Internship	
	ation Requirement	
HS 4424	Teaching Methods in Agriculture and Human Sciences	
Writing Require	ment	
See advisor for a		
Computer Litera		
HS 2123	Product Development I	
Apparel Produc	tion and Design Area	6
HS 4343	Apparel Design II	
HS 4733	Computer-Aided Design for Human Sciences	
Restricted Electiv	,	26
Merchandising		3
HS 4533	Merchandise Planning and Buying	J
Restricted Electives <sup>1</sup>		
Total Hours		
		124

<sup>&</sup>lt;sup>1</sup> See advisor for list of approved courses.

# **Apparel, Textiles, and Merchandising Minor**

Required Credits		
HS 1523	Visual Design in Dress	
HS 2524	Textiles for Apparel ((pre-requisite: CH 1043))	
HS 2553	Fashion Merchandising	
Elective Credits		12
HS 1533	Apparel Design I	
HS 2123	Product Development I	
HS 2593	Product Development II	
HS 3553	Fashion Retailing	
HS 3563	Visual Merchandising	
HS 3573	Historic Costume	
HS 4343	Apparel Design II	
HS 4513	Social-Psychological Aspects of Clothing	
HS 4533	Merchandise Planning and Buying	
HS 4583	Entrepreneurship for Human Sciences	
HS 4593	Creative Design Techniques	
HS 4710	Study Tour	
HS 4733	Computer-Aided Design for Human Sciences	
Approved upper division ATM design course of your choice		
Total hours		22

### **Gerontology Minor/Certificate**

Graduate Certificate Coordinator: Associate Professor Joe Wilmoth

Undergraduate Minor Coordinator: Associate Professor Carolyn Adams-Price

# **Undergraduate Minor Requirements:** (minimum 15 hours)

HS 4403	Introduction to Gerontology	3		
Choose at least three of the following:				
ABE 4513	Dynamics of Aging			
COE 4713	Issues in Aging			
EP 4123	Aging and Physical Activity			
EP 4143	Aging and Disability			
HS 4813	Adult Development: The Middle Years			
HS 4863	Consumer Aspects of Aging			
PSY 4983	Psychology of Aging			
SO 4413	Aging and Retirement in American Society			
SO 4433	Sociology of Death and Dying			
SW 3023	Human Behavior and the social Environment II			
SW 4623	Social Work with the Aged			
Choose one of the following (may include courses from above):				
HS 3673	Environments for Special Needs			
HS 4333	Families, Legislation and Public Policy			
FNH 4353	Nutrition Throughout the Life Cycle			
SO 4423	Health and Society			
SW 2323	Social Welfare Policy II			
DIS or Practicum in Aging				

# **Graduate Certificate Requirements (minimum 13 hours)**

HS 6403	Introduction to Gerontology	3
Choose at least three of the following:		
ABE 6513	Dynamics of Aging	
PSY 6983	Psychology of Aging	
SO 6413	Aging and Retirement in American Society	
SO 6433	Sociology of Death and Dying	
HS 6863	Consumer Aspects of Aging	
HS 6813	Adult Development: The Middle Years	
COE 8813	Counseling Elderly Clients	
COE 6713	Issues in Aging	