

School of Human Sciences

Director: Sheri L. Worthy

Office: (662) 325-2950

The mission of the School of Human Sciences is to improve the well-being 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 Education, Leadership, and Communications (AELC)**
- **Fashion Design and Merchandising (FDM)**
- **Human Development and Family Science (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.

BS in Agricultural Education, Leadership, and Communications

Academic Coordinator: Bailey Poindexter

Office: (662) 325-7703

The Agriculture Education, Leadership, and Communications major equips graduates with the ability to inform and engage people about agricultural information and issues. This is achieved through curriculum emphasizing practical knowledge and hands-on experiences in teaching, leadership, and communications, in addition to well-rounded, individualized coursework in agricultural topics. Agricultural Education, Leadership, and Communications (AELC) graduates may become involved in a variety of occupations in agricultural business and industry, education, production, extension, and communications. The major requires 124 semester hours as shown in the catalog description. Students may choose to complete a concentration in Agricultural Education, Agricultural Leadership, or Agricultural Communications. The AELC concentrations are achieved by completing a combination of 59 hours of specified courses and restricted agriculture electives as approved by an AELC advisor. All students must earn at least a C in all AELC courses.

The Agricultural Education concentration prepares individuals seeking careers as an agricultural education teacher. The Agricultural Leadership concentration prepares individuals for careers in leadership within various agriculture organizations and industry. The Agricultural Communications concentration prepare students to communicate and advocate for agriculture and the industry.

Students desiring to receive certification to teach in secondary agricultural education will need to complete certification requirements. The Agricultural Education teacher education program at Mississippi State University follows the framework set by the Council for Accreditation of Education Preparation (CAEP) and is formally recognized as a teacher preparation program by the Mississippi Department of Education. Students must conform to the policies on teacher education, as explained under "Teacher Licensure" elsewhere in this catalog.

Graduates will have knowledge of

1. principles of teaching and learning;
2. principles and theories of leadership;
3. principles of professional communication; and
4. basic agricultural sciences.

Graduates will be able to

1. plan and conduct agricultural education programs in classroom and community settings;
2. demonstrate professional oral, written, and digital communication strategies to various audiences;
3. be proficient in computer applications; and
4. be readily prepared for employment.

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

General Education Requirements

English Composition

EN 1103	English Composition I	3
or EN 1104	Expanded English Composition I	
EN 1113	English Composition II	3
or EN 1173	Accelerated Composition II	

Creative Discovery

Select from General Education courses		3
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Humanities

Select from General Education courses		6
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Social/Behavioral Sciences

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Required by all concentrations:

AEC 2713	Introduction to Food and Resource Economics	
or EC 2113	Principles of Macroeconomics	
or EC 2123	Principles of Microeconomics	

Teaching concentration also requires:

PSY 1013	General Psychology	
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Ag Leadership & Ag Communication concentrations, choose one:

PS 1113	American Government	
or PSY 1013	General Psychology	
or SO 1003	Introduction to Sociology	

Quantitative Reasoning

Select from General Education courses		3
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Natural Sciences (2 labs from Gen Ed)

BIO 1134	Biology I	4
BIO 1144	Biology II	3-4
or PSS 1313	Plant Science	

Extra Science

CH 1043	Survey of Chemistry I	3
or CH 1053	Survey of Chemistry II	
or CH 1213	Chemistry I	

Degree Requirements

Major Core

AELC 2211	Orientation to Agricultural Education, Leadership, and Communications	1
AELC 3333	Professional Presentations in Agriculture and Life Sciences	3
AELC 3803	Foundations of Leadership in Agricultural and Life Sciences	3
AELC 4424	Teaching Methods in Agricultural and Human Sciences	4
AELC 4803	Contemporary Issues in Agriculture and Life Sciences	3

Oral Communication Requirement

Satisfied by the successful completion of AELC 3333 or AELC 4424

Writing Requirement

AELC 3203	Professional Writing in Agriculture, Natural Resources, and Human Sciences	3
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Computer Literacy

AELC 2203	Applications of Computer Tech to Agricultural Education, Leadership, and Communications	3
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Agricultural Education Concentration

AELC 2212	Foundations of Agricultural Education	2
AELC 3013	Field Experience in Agricultural Education, Leadership and Communications	3
AELC 3423	Graphic Design in Agriculture and Life Sciences	3

AELC 4223	Communications Strategies in Agriculture and Life Sciences	3
AELC 4403	Development of Youth Programs	3
AELC 4613	Teaching Agricultural Mechanics	3
AELC 4723	Pedagogy of AgriScience Programs	3
AELC 4873	Professional Seminar in Agricultural Education	3
AELC 4886	Teaching Internship in Agricultural Education	6
AELC 4896	Teaching Internship in Agricultural Education	6
EDX 3213	Individualizing Instruction for Exceptional Children	3
ADS 1113	Animal Science	3
ADS 1121	Animal Science Laboratory	1
PSS 3301	Soils Laboratory	1
PSS 3303	Soils	3
FO 4513	Forestry and Conservation for Educators. (or 3 hr advisor approved course)	3
Restricted Plant Science Elective ¹		
Restricted Animal Science Elective ²		
Agriculture electives		6-7
Free electives		6
Total Hours		124

¹ Select one course from PSS 1113, PSS 2343, PSS 2423, PSS 3133, PSS 3923, PSS 4103, PSS 4123, PSS 4133, PSS 4613, FO 2113

² Select one course from ADS 2102, ADS 2122, ADS 3142, ADS 3214, ADS 3223, ADS 3312, ADS 3314, ADS 3812, ADS 4113, ADS 4212, ADS 4223, ADS 4232, ADS 4323, ADS 4813, PO 3313

Agricultural Leadership Concentration

AELC 2222	Personal Leadership and Communication	2
AELC 3813	Team Leadership for Agriculture & Life Sciences	3
PHI 1123	Introduction to Ethics	3
or MGT 3823	Socially Responsible Leadership	
PSY 3623	Social Psychology	3
or PS 3013	Political Leadership	
CO 1003	Fundamentals of Public Speaking	3
or CO 3213	Small Group Communication	
or CO 3803	Principles of Public Relations	
PS 2703	Introduction to Public Policy	3
Ag/Business/Management/Marketing/Communication Electives ¹		9
Students who want to specialize in Organizational Leadership will take:		
AELC 3423	Graphic Design in Agriculture and Life Sciences	3
AELC 4223	Communications Strategies in Agriculture and Life Sciences	3
AELC 4403	Development of Youth Programs	3
CO 1003	Fundamentals of Public Speaking	3
or CO 3213	Small Group Communication	
or CO 3803	Principles of Public Relations	
ADS 1113	Animal Science	3-4
& ADS 1121	and Animal Science Laboratory	
or EPP 2213	Introduction to Insects	
or PSS 3303	Soils	
& PSS 3301	and Soils Laboratory	
AELC 3503	Internship in Leadership and Organizations	3
Advisor-approved 3000-4000 level, focus area related to career objective (see advisor for suggestions)		18
Free electives		7-8
Students who want to specialize in Industry Leadership will take:		
Select 7-8 hours from the following;		7-8

ADS 1113 & ADS 1121	Animal Science and Animal Science Laboratory	
EPP 2213	Introduction to Insects	
PSS 3303 & PSS 3301	Soils and Soils Laboratory	
AELC 3403	Internship in Agricultural Leadership and Industry	3
Advisor-approved 3000-4000 level, focus area related to career objective (see advisor for suggestions)		32
Free Electives		2-3
Total Hours		124

¹ includes all CALS 1000 level and above - ADS, AEC, AELC, PSS, ABE, WFA, FNH, LA, FO, PO, EPP; and MGT, MKT, CO, BL

Agricultural Communications Concentration

AELC 2422		
AELC 3423	Graphic Design in Agriculture and Life Sciences	3
AELC 3603	Internship-Agricultural Communications	3
AELC 4223	Communications Strategies in Agriculture and Life Sciences	3
AELC 4403	Development of Youth Programs	3
CO 1403	Introduction to the Mass Media	3
CO 2333	Television Production	3
CO 2413	Introduction to News Writing and Reporting	3
CO 3403	Photographic Communication	3
CO 3803	Principles of Public Relations	3
CO 3853	Public Relations Writing	3
CO 3863	Public Relations Production	3
ADS 1113 & ADS 1121	Animal Science and Animal Science Laboratory	3-4
or EPP 2213	Introduction to Insects	
or PSS 3301 & PSS 3303	Soils Laboratory and Soils	
Advisor-approved 3000-4000 level, focus area related to agricultural communications (see advisor for suggestions)		24
Free Electives		4-5
Total Hours		124

BS in Human Development and Family Science (HDFS)

Academic Coordinator: Bailey Poindexter

Office: (662) 325-7703

The mission of the Human Development and Family Science (HDFS) program at MSU is to promote individual, relational, family, and community well-being through innovative and practical research, high-quality teaching, and evidence-based outreach. Our core function is to equip individuals with theoretical, empirical, and practical knowledge, as well as functional skills to foster and sustain quality of life in diverse populations.

This program offers an interdisciplinary lifespan approach to the study of children, youth, and families. It encompasses specialty areas in preschool teaching, childcare, administration, youth studies, family services, child life, consumer economics, human sciences teacher education and extension. Students develop an awareness of trends, issues and public policy affecting families and analyze factors that influence cognitive, emotional, social, and physical development in the contexts of culture and family. Graduates enter diverse public and private sectors which focus on enabling children and families to function effectively in today's complex society. The Human Development and Family Science undergraduate program has been approved by the National Council on Family Relations (<https://www.ncfr.org/>) (NCFR) as meeting the Standards and Criteria for the Provisional Certified Family Life Educator (<https://www.ncfr.org/cfle-certification/become-certified/>) (CFLE) and is accredited by the American Association of Family and Consumer Sciences (AAFCS).

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 development, or family science. A grade of "C" or better is required for all major courses (Human Development and Family Science courses). A student will not be allowed to register for HDFS classes after the initial semester until he or she has submitted an application for a federal background check. If the background check comes back unapproved,

the student will not be allowed to continue in the program until the problem is resolved. Students are responsible for paying the fees for the background check.

General Education Requirements

English Composition

EN 1103	English Composition I	3
or EN 1104	Expanded English Composition I	
EN 1113	English Composition II	3
or EN 1173	Accelerated Composition II	

Creative Discovery 3

Select from General Education courses

Humanities 6

Select from General Education courses

PHI 1123	Introduction to Ethics (required for Child Life concentration)
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Social/Behavioral Sciences 6

HDFS 1813	Individual and Family Development through the Lifespan (required for all HDFS students)
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FCS Education concentration also requires:

EPY 3543	Psychology of Adolescence
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All other concentrations:

Select 3 hours from General Education courses

Quantitative Reasoning

Math higher than MA 1313	3
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Natural Sciences (2 lab sciences from Gen Ed) 6

Select from GenEd courses for Child Development, Youth Development, Family Science, and FCS Education

BIO 1004 required for Child Life Concentration

Extra Science 3

HS 2293 Individual and Family Nutrition required for FCS Education.

Select from Gen Ed courses for Child Development, Child Life, Youth Development, and Family Science

Degree Requirements

Major Core

HS 1701	Survey of Human Sciences	1
HS 4702	Research and Application in Human Sciences	2
HDFS 2813	Child Development	3
HDFS 4313	Family Resource Management	3
HDFS 4333	Families, Legislation and Public Policy	3
HDFS 4424	Teaching Methods in Agricultural and Human Sciences	4
or HDFS 4624	Family Life Education Methodology	
HDFS 4701	Internship Preparation	1
HDFS 4803	Parenting	3
HDFS 4843	Family Interaction	3
HDFS 4883	Risk, Resilience and Preventive Interventions	3
Writing Requirement		3
AELC 3203	Professional Writing in Agriculture, Natural Resources, and Human Sciences	
or EDF 3413	Writing for Thinking	
or EPY 3513	Writing in the Behavioral Sciences	
or MGT 3213	Organizational Communications	

Free Elective 3

Child Development Concentration

The child development concentration explores the growth and development of children (conception until adolescence) within the family system and sociocultural milieu. This coursework prepares students to become competent early care and education professionals, parent educators, child

advocates, and early interventionists within the public, private, and non-profit sectors. Students learn real-world application through lab experiences at the Child Development and Family Studies Center and internships in settings that align with the students' career goals. PreK-K teaching candidates must complete a PreK-K Teacher Candidacy Internship under the supervision of a licensed teacher. To be eligible for PreK-K teaching licensure in Mississippi, students must pass the Praxis Core or have a cumulative ACT score of at least 21; have a GPA of at least 2.75; and pass the Praxis II Early Childhood Principles of Teaching and Learning (5621) and the Praxis II Child Development (5024).

HDFS 2803	Prenatal and Infant Development	3
HDFS 3803	Creativity & Play in Young Children	3
HDFS 3813	Lifespan Theory	3
HDFS 3823	Methods & Materials for Early Care and Education Programs	3
HDFS 3843	Guiding Young Children's Behavior & Social Development	3
HDFS 3853	Language and Literacy in the Early Years	3
HDFS 4760	Child Development Internship	12
or HDFS 4740	PreK-K Teacher Candidacy Internship	
HDFS 4823	Development and Administration of Child Service Programs	3
HS 2283	Child Health and Nutrition	3
EDX 3213	Individualizing Instruction for Exceptional Children	3
CO 1003	Fundamentals of Public Speaking	3
or CO 1013	Introduction to Communication	
COE 4013	Facilitative Skills Development	3
or HDFS 3123	Global Child Advocacy Issues	
Electives		14
Child Development Concentration total hours		124

Child Life Concentration

A concentration in Child Life provides the student with an overview of the role of the child life specialist working with children and their families in a health care setting. The primary emphases of the child life concentration are on student demonstration of knowledge, skills, and abilities required to assume the responsibilities of a child life professional. This includes involvement in the assessment of patients and families; planning and delivering child life services to patients including medical play, pre-procedural teaching, use of distractions, etc; and evaluating the effectiveness of the interventions and plan.

HS 2283	Child Health and Nutrition	3
HDFS 2023	Trauma Informed Practice	3
HDFS 2123	Perspectives on Child Maltreatment and Child Advocacy	3
HDFS 2803	Prenatal and Infant Development	3
HDFS 3803	Creativity & Play in Young Children	3
HDFS 3813	Lifespan Theory	3
HDFS 3843	Guiding Young Children's Behavior & Social Development	3
HDFS 3853	Language and Literacy in the Early Years	3
HDFS 4770	Child Life Internship	12
or HDFS 4760	Child Development Internship	
HDFS 4802	Grief and Bereavement: Support Systems and Practices for Children and Families	2
HDFS 4823	Development and Administration of Child Service Programs	3
HDFS 4833	The Hospitalized Child	3
HDFS 4873	Positive Youth Development	3
or HDFS 4893	Adolescent Development	
EDX 3213	Individualizing Instruction for Exceptional Children	3
COE 4013	Facilitative Skills Development	3
or HDFS 3123	Global Child Advocacy Issues	
CO 1003	Fundamentals of Public Speaking	3
or CO 1013	Introduction to Communication	
KI 2603	Medical Terminology	3
Child Life Concentration total hours		124

Youth Development Concentration

The Youth Development curriculum prepares students to understand and work effectively with children and adolescents, ages 10-18, in a variety of settings. The program provides students with a comprehensive view of the needs and developmental characteristics of youths, as well as the challenges facing today's youths. Emphasis is placed on understanding how youth development does not occur in isolation but is situated in, and affected by, contexts such as relationships, family, neighborhood/ community, school, culture, the economy, and society. Youth Development students gain valuable real-world experience through a required field experience course and an internship. Students are also able to develop specific areas of specialization to fit their career interests by choosing from a generous variety of focus area courses.

HDFS 3000	Field Experience	1-6
HDFS 3813	Lifespan Theory	3
HDFS 4780	Youth Development Internship	12
HDFS 4873	Positive Youth Development	3
HDFS 4893	Adolescent Development	3
PSY 4223	Drug Use and Abuse	3
or SW 4533	Substance Abuse and Addictions in Social Work Services	
CO 1003	Fundamentals of Public Speaking	3
or CO 1013	Introduction to Communication	
Choose three of the following:		9
AELC 4403	Development of Youth Programs	
PSY 3413	Human Sexual Behavior	
EDX 3213	Individualizing Instruction for Exceptional Children	
COE 4013	Facilitative Skills Development	
EPY 3543	Psychology of Adolescence	
Choose 15 hours from the following:		15
HDFS 2023	Trauma Informed Practice *	
HDFS 2123	Perspectives on Child Maltreatment and Child Advocacy *	
HDFS 3123	Global Child Advocacy Issues *	
HDFS 3833	Human Development in the Context of Leisure and Recreation	
HS 3673	Environments for Special Needs	
EDX 4423	Teaching the Disadvantaged Child	
EPY 3503	Principles of Educational Psychology	
EPY 3553	Giftedness/Creativity	
SO 2203	Introduction to Race and Ethnicity	
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 3433	General Safety Methods	
PE 3533	Coaching Sports	
KI 2213	Emergency Health Care	
MGT 3113	Principles of Management	
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	

Electives	8
Youth Development Concentration total hours	124

* Meets requirements for Trauma-Informed Child Advocacy Certificate

Family Science Concentration

The Family Science program helps students discover, verify, and apply knowledge about the family. Family Science students gain valuable real-world experience through a required field experience course and an internship, and graduates are able to receive provisional certification through the National Council on Family Relations as Certified Family Life Educators, recognizing their competence in a broad range of ten family-related content areas. They are prepared to address societal issues including economics, education, work-family issues, parenting, sexuality, gender, substance abuse, domestic violence, unemployment, debt, and child abuse within the context of the family. Graduates can work in a variety of governmental, non-profit, religious, and private agencies.

HDFS 3000	Field Experience	1-6
HDFS 3813	Lifespan Theory	3
HDFS 4403	Introduction to Gerontology	3
HDFS 4790	Family Science Internship	12
HDFS 4813	Adult Development: The Middle Years	3
HDFS 4853	The Family: A Human Ecological Perspective	3
HDFS 4873	Positive Youth Development	3
HS 3673	Environments for Special Needs	3
CO 1003	Fundamentals of Public Speaking	3
or CO 1013	Introduction to Communication	
COE 4013	Facilitative Skills Development	3
PSY 3413	Human Sexual Behavior	3
PSY 4223	Drug Use and Abuse	3
or SW 4533	Substance Abuse and Addictions in Social Work Services	
Electives		14
Family Science Concentration total hours		124

Family and Consumer Sciences Teacher Ed Concentration

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 Development and Family Science (Family and Consumer Sciences Education emphasis) degree from the School of Human Sciences at Mississippi State University leads to licensure to teach these courses.

EDF 3333	Social Foundations of Education	3
EDF 4243	Planning for the Diversity of Learners	3
EDS 3413	Principles of Secondary Education	3
AELC 4873	Professional Seminar in Agricultural Education	3
EDX 3213	Individualizing Instruction for Exceptional Children	3
EPY 3143	Human Development and Learning Strategies in Education	3
FDM 2153	Fashion Apparel Analysis	3
HDFS 2803	Prenatal and Infant Development	3
HDFS 3000	Field Experience (1 hour)	1-6
HDFS 4462	Curriculum in FCS Education	2
HDFS 4853	The Family: A Human Ecological Perspective	3
HDFS 4886	Teaching Internship in FCS Education	6
HDFS 4896	Teaching Internship in FCS Education	6
HS 2203	Science of Food Preparation	3
HS 2283	Child Health and Nutrition	3
HS 2603	Interior Design Fundamentals	3

KI 1803	Health Trends and Topics	3
PSY 3413	Human Sexual Behavior	3
Electives		2
Family and Consumer Sciences Teacher Ed Concentration total hours		124

BS in Fashion Design and Merchandising (FDM)

This degree is designed to provide students with an understanding of fashion and textile industries, consumer behavior, product development, business principles, and technology applications. Students select a concentration in one of two areas: Design and Product Development or Merchandising. Design and Product Development emphasizes the total design and production process from inception to finished product and its ultimate sale to the consumer. Merchandising combines an overview of the fashion industry, consumer behavior, product development, planning, buying business operations and entrepreneurship. 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 and Fashion Design and Merchandising courses).

General Education Requirements

English

EN 1103	English Composition I	3
or EN 1104	Expanded English Composition I	
EN 1113	English Composition II	3
or EN 1173	Accelerated Composition II	

Creative Discovery 3

Select from General Education courses

Humanities

3 hours Foreign Language	3
3 hours General Education course	3

Social/Behavioral Sciences

PSY 1013	General Psychology ²	3
or SO 1003	Introduction to Sociology	
EC 2113	Principles of Macroeconomics	3

Quantitative Reasoning

BQA 2113	Business Statistical Methods I ¹	3
or ST 2113	Introduction to Statistics	

Natural Sciences 6

Select 2 lab sciences from Gen Ed Science courses

Extra Science 3

Select from General Education Courses

Degree Requirements

Major Core

FDM 1523	Visual Design in Dress	3
FDM 2524	Textiles for Apparel	4
FDM 2553	Introduction to Merchandising	3
FDM 2593	Product Development II	3
FDM 3221	Internship Preparation	1
FDM 3553	Merchandise Retail Pricing and Inventory Management	3
FDM 3563	Visual Merchandising	3
FDM 3573	Historic Costume	3
HS 1701	Survey of Human Sciences	1
HS 4702	Research and Application in Human Sciences	2
FDM 4763	FDM Internship ³	3

Oral Communication Requirement

FDM 4424	Teaching Methods in Agricultural and Human Sciences	4
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Writing Requirement

FDM 4513	Fashion Consumer Behavior	3
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Computer Literacy

FDM 2123	Product Development I	3
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Free Elective		3
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¹ Required for Pre-MBA emphasis; B or higher in MBA prerequisite courses

² SO 1003 is required for the Sociology emphasis

³ Two 3-credit hour internships are required.

Merchandising Concentration

The merchandising concentration explores the business and product development aspects of the apparel industry from finalized design to the end-use by consumers and beyond. This coursework prepares students to become competent in pursuing careers in merchandising, buying, fashion forecasting, fashion communications, fashion business and retail operations. Students learn real-world application through lab experiences and internships in settings that align with the students' career goals. Students must complete two internships in a related position.

FDM 2153	Fashion Apparel Analysis	3
FDM 2333	Intro to Buying and Management	3
FDM 4533	Merchandise Planning and Buying	3
FDM 4583	Fashion Entrepreneurship	3
FDM 4603	Global Sourcing in the Textile and Apparel Industry	3
FDM 4693	Digital Merchandising	3

Select one of the emphasis areas below:**General Merchandising**

Choose 18 hours from any of the courses offered in the emphasis areas below or select program related electives approved by academic advisor 18

Business Administration (Pre-MBA)

Choose any 6 of the following:

ACC 2013	Principles of Financial Accounting	3
ACC 2023	Principles of Managerial Accounting	3
BIS 3233	Management Information Systems	3
BL 2413	The Legal Environment of Business	3
BQA 2113	Business Statistical Methods I	3
BQA 3123	Business Statistical Methods II ¹	3
EC 2123	Principles of Microeconomics	3
FIN 3123	Financial Management ¹	3
MGT 3113	Principles of Management	3
MKT 3013	Principles of Marketing	3

Communication Studies

CO 1223	Introduction to Communication Theory	3
CO 2253	Fundamentals of Interpersonal Communication	3
CO 3833	Interviewing in Communication	3
CO 4203	Nonverbal Communication	3
CO 4223	Advanced Communication Theory	3
CO 4243	Rhetorical Theory	3

Entrepreneurship

MGT 3323	Entrepreneurship	3
MGT 3333	Field Studies in Entrepreneurship	3
BL 4243	Legal Aspects of Entrepreneurship	3
FIN 4323	Entrepreneurial Finance	3
MKT 4423	Strategic Brand Management	3
GE 3011	Engineering Entrepreneurship Seminar	1

Finance

FIN 3113	Financial Systems	3
FIN 3123	Financial Management	3

FIN 3723	Financial Markets and Institutions	3
FIN 4223	Intermediate Financial Management	3
FIN 4423	Investments	3
FIN 4923	International Financial Management	3

Information Technology Services

Choose any 6 of the following courses:

TKB 3133		
TKB 4283		
TKB 4543		
TKB 4563		
TKB 4583		
TKT 3463		
TKT 4343		
TKT 4743		
TKT 4753		
TKT 4813	Introduction to Instructional Systems	3

Management

MGT 3813	Organizational Behavior	3
MGT 3114		
MGT 3513	Introduction to Human Resource Management	3

Choose any 3 of the following courses:

MGT 3323	Entrepreneurship	3
MGT 3333	Field Studies in Entrepreneurship	3
MGT 3823	Socially Responsible Leadership	3
MGT 4153	Management Seminar	3
MGT 4533	Advanced Human Resource Management	3
MGT 4543	Compensation Management	3
MGT 4563	Staffing in Organizations	3
MGT 4613	Cross-Cultural Management	3

Marketing

MKT 3013	Principles of Marketing	3
MKT 4413	Consumer Behavior	3

Choose any 4 of the following courses:

MKT 3213	Retailing	3
MKT 3323		3
MKT 3933	International Marketing	3
MKT 4033		3
MKT 4113	Personal Selling	3
MKT 4123	Advertising	3
MKT 4143	Sales Management	3
MKT 4213	Internet Marketing	3
MKT 4313		3
MKT 4333		3
MKT 4533	Marketing Research	3
MKT 4613	Services Marketing	3

Sociology

SO 2203	Introduction to Race and Ethnicity	3
SO 3213	Introduction to Social Research	3

Choose any 3 SO designated courses at the 2000 level or above and include at least 1 4000 level SO course.

Free Electives		10
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Total Hours		124
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¹ Required for Pre-MBA emphasis (B or higher in MBA prerequisite courses)

Design and Product Development Concentration

The Design and Product Development concentration explores the creative and product development aspects of the apparel industry from trend innovation and concept to an end-use product and beyond. This coursework prepares students to become competent in pursuing careers in creative design, technical design, visual merchandising, styling, fashion communications, fashion forecasting, and related creative industries. Students learn real-world application through lab experiences and internships in settings that align with the students' career goals. Students must complete two internships in a related position.

FDM 1533	Apparel Construction	3
FDM 2573	Fashion Portfolio Development	3
FDM 4343	Pattern Making and Design	3
FDM 4363	Draping	3
FDM 4593	Creative Design Techniques	3
FDM 4733	Computer-Aided Design for Fashion	3

Select one of the emphasis areas below:

General Design and Product Development

Choose 18 hours from any of the courses offered in the emphasis areas below or select program-related electives approved by academic advisor 18

Art

Choose 18 credit hours of courses with an ART prefix. One or more 1000-level courses and one 2000-level course must be completed in addition to at least three 3000- or 4000-level courses 18

Business Administration (Pre-MBA)

Choose any 6 of the following:

ACC 2013	Principles of Financial Accounting ¹	3
ACC 2023	Principles of Managerial Accounting	3
BIS 3233	Management Information Systems	3
BL 2413	The Legal Environment of Business	3
BQA 2113	Business Statistical Methods I ¹	3
BQA 3123	Business Statistical Methods II ¹	3
EC 2123	Principles of Microeconomics	3
FIN 3123	Financial Management ¹	3
MGT 3114	¹	
MKT 3013	Principles of Marketing	3

Communication Studies

CO 1223	Introduction to Communication Theory	3
CO 2253	Fundamentals of Interpersonal Communication	3
CO 3833	Interviewing in Communication	3
CO 4203	Nonverbal Communication	3
CO 4223	Advanced Communication Theory	3
CO 4243	Rhetorical Theory	3

Entrepreneurship

MGT 3323	Entrepreneurship	3
MGT 3333	Field Studies in Entrepreneurship	3
BL 4243	Legal Aspects of Entrepreneurship	3
FIN 4323	Entrepreneurial Finance	3
MKT 4423	Strategic Brand Management	3
GE 3011	Engineering Entrepreneurship Seminar	1

Finance

FIN 3113	Financial Systems	3
FIN 3123	Financial Management	3
FIN 3723	Financial Markets and Institutions	3

FIN 4223	Intermediate Financial Management	3
FIN 4423	Investments	3
FIN 4923	International Financial Management	3

Information Technology Services

Choose any 6 of the following courses:

TKB 3133		
TKB 4283		
TKB 4543		
TKB 4563		
TKB 4583		
TKT 3463		
TKT 4343		
TKT 4743		
TKT 4753		
TKT 4813	Introduction to Instructional Systems	3

Management

MGT 3813	Organizational Behavior	3
MGT 3114		
MGT 3513	Introduction to Human Resource Management	3

Choose any 3 of the following courses:

MGT 3323	Entrepreneurship	3
MGT 3333	Field Studies in Entrepreneurship	3
MGT 3823	Socially Responsible Leadership	3
MGT 4153	Management Seminar	3
MGT 4533	Advanced Human Resource Management	3
MGT 4543	Compensation Management	3
MGT 4563	Staffing in Organizations	3
MGT 4613	Cross-Cultural Management	3

Marketing

MKT 3013	Principles of Marketing	3
MKT 4413	Consumer Behavior	3

Choose any 4 of the following courses:

MKT 3213	Retailing	3
MKT 3323		3
MKT 3933	International Marketing	3
MKT 4033		3
MKT 4113	Personal Selling	3
MKT 4123	Advertising	3
MKT 4143	Sales Management	3
MKT 4213	Internet Marketing	3
MKT 4313		3
MKT 4333		3
MKT 4533	Marketing Research	3
MKT 4613	Services Marketing	3

Sociology

SO 2203	Introduction to Race and Ethnicity	3
SO 3213	Introduction to Social Research	3

Choose any 3 SO designated courses at the 2000 level or above and include at least 1 4000 level SO course.

Free Electives		10
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Total Hours		124
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¹ Required for Pre-MBA emphasis (B or higher in MBA prerequisite courses)

Agricultural Education, Leadership, and Communications (AELC) Minor

The Agricultural Education, Leadership, and Communications (AELC) 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 AELC coursework from a list of approved courses.

Required courses		10
AELC 2413	Orientation to Agricultural Education, Leadership & Communications	
AELC 3803	Foundations of Leadership in Agricultural and Life Sciences	
AELC 4424	Teaching Methods in Agricultural and Human Sciences	
Electives (choose two of the following)		6
AELC 3333	Professional Presentations in Agriculture and Life Sciences	
AELC 4103	Principles and Practices of Extension Education	
AELC 4403	Development of Youth Programs	
AELC 4503	International Agricultural Education	
Total Hours		16

Child Advocacy and Science of Trauma (CAST) Minor

The Child Advocacy and Science of Trauma minor compliments the degrees that focus on working with children and/or families (e.g., HDFS, Social Work, Psychology, Pre-Med/Law, and Education). Students are trained to recognize and respond to signs and symptoms of trauma in a way that promotes healing and resists re-traumatization. The minor requires a minimum of 18 hours of coursework (6 courses) focused on trauma and risk, child advocacy, human behavior, and behavioral strategies, and/or family functioning.

HDFS 2123	Perspectives on Child Maltreatment and Child Advocacy	3
HDFS/SW/PSY 4123	Child Advocacy & Science of Trauma (CAST) Capstone	3
Choose one of the following:		3
HDFS 2023	Trauma Informed Practice	
PSY 4343	Clinical Child Psychology	
SW 2023	Trauma Informed Social Work Practice	
Choose two of the following:		6
HDFS 3123	Global Child Advocacy Issues	
SW 4613	Child Welfare Services	
SW 4653	Social Work with Family Violence	
HDFS 4133 or HDFS 6133		
PSY 4133 & PSY 6133	and	
Choose one of the following:		3
HDFS 3843	Guiding Young Children's Behavior & Social Development	
HDFS 4803	Parenting	
PSY 3213	Psychology of Abnormal Behavior	
PSY 3363	Behavioral Modification	
SW 3003	Social Work with At-Risk Populations	
SW 4643	Social Work Services in Schools	
SW 4653	Social Work with Family Violence	
Other courses, including special topics courses, will be considered on a case-by-case basis		
Total Hours		18

Trauma-Informed Child Advocacy Endorsement

Professionals working with children and families need training in trauma-informed practices. This endorsement program complements the MSU HDFS degree and other majors taught across departments and colleges by providing state of the science techniques used to assist and advocate for children

and families who have experienced trauma. The endorsement requires a minimum of 12 hours of coursework (4 courses) focused on trauma and risk, child advocacy, human behavior and behavioral strategies, and/or family functioning.

Required courses		9
HDFS 2023	Trauma Informed Practice	
HDFS 2123	Perspectives on Child Maltreatment and Child Advocacy	
HDFS 3123	Global Child Advocacy Issues (or other departmental approved 3 hour course)	
Electives		3
HDFS 3843	Guiding Young Children's Behavior & Social Development	
HDFS 4803	Parenting	
PSY 3213	Psychology of Abnormal Behavior	
PSY 3363	Behavioral Modification	
SO 4153	Mentoring Youths	
or CRM 4153	Mentoring Youths	
or SLCE 4153	Mentoring for At-Risk Youths	
SW 4613	Child Welfare Services	
Other courses, including special topics courses (2990 and 4990) will be considered for elective credit on a case-by-case basis.		

Retail Endorsement

The Retail endorsement offered by the Fashion Design and Merchandising (FDM) program will complement existing B.S. degree tracks by adding an opportunity to students from any program to complete a formal and coherent grouping of courses with a retail focus. The goal of the Retail endorsement is to introduce current students to the dynamics of the retail industry and to provide them knowledge and tools to be successful in a rapidly growing industry. Recipients of the endorsement will be equipped with professional knowledge and technical skills to manage real world daily operations of a retail business and be ready for successful careers in the ever growing and changing retail industry.

Required Courses		
FDM 2553	Introduction to Merchandising	3
FDM 2333	Intro to Buying and Management	3
FDM 3553	Merchandise Retail Pricing and Inventory Management	3
FDM 4693	Digital Merchandising	3
Electives		6
Select two electives approved by the Retail Certificate coordinator in your area of specialization		
Total Hours		18