Human Development and Family Studies

Undergraduate Study

The Department of Human Development and Family Studies offers courses that focus on the interactions among individuals, families, their resources, and their environments throughout the life span. The department offers work for the Bachelor of Science degree in four curricula: Child, Adult and Family Services; Early Childhood Education; Family and Consumer Sciences Education and Studies, and Financial Counseling and Planning.

Students graduating in Human Development and Family Studies will
1. Communicate with clear purpose, workable organization and effective style in written, oral, visual and electronic (WOVE) formats to foster collaboration, provide information and advance knowledge related to child, adult, family, and community services.
2. Consistently and realistically analyze and evaluate one’s own knowledge, abilities and actions in comparison to professional standards and create action plans to enhance personal and professional efficacy related to working with children, adults, families and communities.
3. Understand content related to working with children, adults, families, and communities within chosen program. Use critical thinking skills to evaluate and utilize evidence-based practices. Use logical and ethical reasoning to make decisions and solve problems.
4. Understand the diverse needs of children, adults, and families. Ensure equitable access of children, adults, and families to appropriate environments that support healthy living. Engage children, adults, and families with socially responsible and respectful behavior.

Communication Proficiency requirement: A student must achieve a grade of C or higher in ENGL 150, Critical Thinking and Communication, and ENGL 250, Written, Oral, Visual, and Electronic Composition. A student achieving a grade of C– or lower in 150 and/or 250 must either repeat the course(s), earning a minimum grade of C, or, in consultation with the adviser and the coordinator of freshman English, complete another appropriate English writing course with a minimum grade of C.

The Child, Adult and Family Services curriculum leads to work in helping professions with employment opportunities in public and private agencies. Graduates of the program are prepared for employment in agencies and organizations serving children, youth, families, and adults as program development specialists, coordinators, directors, teachers, direct care staff, and administrators, through opportunities to work directly in settings of interest to the student. This flexible program provides a broad emphasis in theory, research, and application in child, adult and family services including attention to community issues and public policy.

Students in Child, Adult and Family Services may choose coursework that leads to becoming a Certified Family Life Educator (CFLE), a program that has been approved by the National Council on Family Relations. These courses provide the basic education for students interested in working with families, including adolescents, parents, or adults working to strengthen relationships. The student takes courses that support the development of knowledge and skills in family life content areas selected by the National Council on Family Relations. The certification is a voluntary credential that requires the individual to complete a degree in an approved program and to have at least two years of work experience in family life education settings. See http://www.hdfs.hs.iastate.edu/undergraduate-majors/cfle/ and/or http://www.ncfr.org/cfle-certification.

The curriculum in Early Childhood Education – Unified prepares graduates to teach young children and work with their families. This program leads to careers working with young children (both those who are typically developing and those with special needs) from birth through age eight. Graduates may be employed by either public or private agencies or schools to teach in early childhood classrooms (preschool through 3rd grade) or in home-based programs. This curriculum has been approved by the Iowa Department of Education and meets requirements for the early childhood education – unified teacher license, which permits individuals to teach general and special education for children from birth through age eight. The program is an interdepartmental major administered by the Department of Human Development and Family Studies and the School of Education.

Early childhood education majors must satisfy a world languages and cultures requirement for graduation (see below for more information on the world languages and cultures requirement).

Students who enroll in the early childhood education – unified program must apply to and be accepted into the teacher education program prior to enrolling in advanced courses. All early childhood education – unified students must meet general education requirements for teacher licensure. Iowa State University is in compliance with the Iowa Department of Education’s mandate for a performance based system of teacher training. The State of Iowa has developed and implemented a competency system to evaluate the performance of teachers. A detailed listing of the Iowa State University Teacher Education Standards and the State of Iowa Teaching Standards, along with other information about the University Educator Preparation Program, can be found at www.education.iastate.edu. Additional information is also available from the student’s academic adviser.

Students in early childhood education – unified must meet the performance outcome standards for teacher licensure. Standards are assessed in coursework through artifacts such as assignments, projects, or practicum participation. These standards assessments are based on the early childhood content standards for endorsement 100 in the State of Iowa. These include competencies in (1) child growth, development, and learning, (2) developmentally appropriate learning environment and curriculum implementation, (3) health, safety, and nutrition, (4) family and community collaboration, and (5) professionalism.

Pre-student teaching field experiences and student teaching experience in at least two different settings are required.

Family and Consumer Sciences Education and Studies offers a curriculum for the Bachelor of Science degree. (http://catalog.iastate.edu/collegeofhumanitiesciences/familyandconsumerscienceseducationandstudies)

Graduates in Family and Consumer Sciences Education and Studies have a broad understanding of individual and family well-being. Graduates apply knowledge and research in family and consumer sciences content in global professional settings. They work in an integrative fashion to improve well-being by understanding and acting on complex problems confronting individuals, families, and communities. The study of Family and Consumer Sciences Education incorporates the following 16 content areas (http://www.nasafacs.org/national-standards-and-competencies.html): Career, Community and Family Connections; Consumer and Family Resources; Consumer Services; Education and Early Childhood; Facilities Management and Maintenance; Family; Family and Community Services; Food Production and Services; Food Science, Dietetics, and Nutrition; Hospitality, Tourism and Recreation; Housing and Interior Design; Human Development; Interpersonal Relationship; Nutrition and Wellness; Parenting; and Textiles, Fashion and Apparel.

Students in the program choose one of three options, Teacher Licensure, Communications, or Professional Studies.

Students in Family and Consumer Sciences Education and Studies may choose coursework that leads to becoming a Certified Family Life Educator (CFLE), a program that has been approved by the National Council on Family Relations. These courses provide the basic education for students interested in working with families, including adolescents, parents, or adults working to strengthen relationships. The student takes courses that support the development of knowledge and skills in family life content areas selected by the National Council on Family Relations. The certification is a voluntary credential that requires the individual to complete a degree in an approved program and to have at least two years of work experience in family life education settings. See http://www.hdfs.hs.iastate.edu/undergraduate-majors/cfle/ and/or http://www.ncfr.org/cfle-certification.

Graduates may also choose from one of several nationally recognized professional certifications available from the American Association of Family and Consumer Sciences (AAFCS) Council for Certification. This program measures competencies of FCS professionals using high-quality, rigorous assessments. Certifications that are currently available are (http://www.aafcs.org/CredentialingCenter/Certification.asp): CFCS: Certified in Family and Consumer Sciences; CFCS-HDFS: Certified in Human Development and Family Studies; CFCS-HNFS: Certified in Hospitality, Nutrition, and Food Science; and CPFFE: Certified Personal and Family Finance Educator.

Opportunities are available for obtaining a minor from other programs through careful selection of elective credits and consultation with an adviser. For example, students majoring in the Communications and Professional Studies options are encouraged to consider obtaining a minor in journalism and mass communications or in one of the content areas of family and consumer sciences such as financial counseling and planning. They also are encouraged to enhance their program by selecting relevant additional courses in their area of interest. Students in the Teacher Licensure option may choose to add an additional endorsement such as Health Education, Middle School, ESL, Multi-Occupations, or Coaching Interscholastic Athletics.
There is also an opportunity to obtain a family and consumer sciences endorsement or teacher licensure as a post-baccalaureate student.

The Financial Counseling and Planning curriculum prepares students for careers in family financial services, offering three emphases: Financial Planning, Financial Counseling or Family Financial Studies. Financial Counseling and Planning is a growing career field and appeals to students who want to work with individuals and families to help them meet their financial goals and improve their financial capability to better meet financial challenges. Coursework provides students with the family resource management and interpersonal skills needed to help families remain financially secure. Based on individual specific career goals students may select a path that leads to fulfilling the education requirements for the leading designations and certifications in financial counseling and planning. Graduates of the program are prepared for employment in personal banking, financial services, insurance, financial counseling and planning, and human service organizations. Laboratory and practicum opportunities exist in the Iowa State University Financial Counseling Clinic. An internship encourages students to apply their studies and to experience the profession in real-world settings.

Financial Counseling and Planning majors are also prepared to enter graduate programs in family financial planning, financial education, economics, finance, and law.

Juniors and seniors in Financial Counseling and Planning who are interested in graduate study may apply for concurrent enrollment in the Graduate College to simultaneously pursue both a B.S. in Financial Counseling and Planning and a M.S. in Human Development and Family Studies or a B.S. in Financial Counseling and Planning and a Graduate Certificate in Family Financial Planning. Under concurrent enrollment, students simultaneously take undergraduate and graduate courses and may be eligible for assistantships. See Graduate Study for more information (http://www.hdfs.hs.iastate.edu/graduate/).

**Minors**

The department offers minors in Child, Adult and Family Services, Educational Services in Family and Consumer Sciences, and Financial Counseling and Planning. Minors consist of at least 15 credits including 6 credits taken at Iowa State University in courses numbered 300 or above.

The Child, Adult and Family Services minor may be earned by completing 15 credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HD FS 102 Individual and Family Life Development</td>
<td>3</td>
</tr>
<tr>
<td>HD FS 223 Child Development and Health</td>
<td>3</td>
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<tr>
<td>HD FS 226 Development and Guidance in Middle Childhood</td>
<td></td>
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<tr>
<td>HD FS 227 Adolescent and Emerging Adulthood</td>
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<tr>
<td>HD FS 234 Adult Development and Aging</td>
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<tr>
<td>HD FS 377 Aging and the Family</td>
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<tr>
<td>Three of the following:</td>
<td>9</td>
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<tr>
<td>HD FS 249 Parenting and Family Diversity Issues</td>
<td></td>
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<tr>
<td>HD FS 270 Family Communications and Relationships</td>
<td></td>
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<tr>
<td>HD FS 360 Housing and Services for Families and Children</td>
<td></td>
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<tr>
<td>HD FS 367 Abuse and Illness in Families</td>
<td></td>
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<tr>
<td>HD FS 373 Death as a Part of Living</td>
<td></td>
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<tr>
<td>HD FS 395 Children, Families, and Public Policy</td>
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<tr>
<td>HD FS 449 Program Evaluation and Proposal Writing</td>
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<tr>
<td>HD FS 463 Environments for the Aging</td>
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<tr>
<td>HD FS 479 Family Interaction Dynamics</td>
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</table>

**Total Credits** 15

The Education Services in Family and Consumer Sciences minor may be earned by completing 15 credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>FCEDS 206 Professional Roles in Family and Consumer Sciences</td>
<td>2</td>
</tr>
<tr>
<td>FCEDS 306 Educational Principles for Family and Consumer Sciences</td>
<td>4</td>
</tr>
<tr>
<td>FCEDS 413 Planning and Assessment for Family and Consumer Sciences and Family Life Education</td>
<td>4</td>
</tr>
<tr>
<td>FCEDS 491A Supervised Experiences in a Professional Setting: Communications</td>
<td>5</td>
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<tr>
<td>or FCEDS 491B Supervised Experiences in a Professional Setting: Professional Studies</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits** 15

The Financial Counseling and Planning minor may be earned by completing 15 credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD FS 283 Personal and Family Finance</td>
<td>3</td>
</tr>
<tr>
<td>Select 12 credits from the courses below:</td>
<td>12</td>
</tr>
<tr>
<td>HD FS 341 Housing Finance and Policy</td>
<td></td>
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<tr>
<td>HD FS 378 Retirement Planning and Employee Benefits</td>
<td></td>
</tr>
<tr>
<td>HD FS 383 Fundamentals of Financial Planning</td>
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<tr>
<td>HD FS 482 Family Savings and Investments</td>
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<tr>
<td>HD FS 484 Estate Planning for Families</td>
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<tr>
<td>HD FS 489 Financial Counseling</td>
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<tr>
<td>HD FS 489L Financial Counseling Laboratory</td>
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</tbody>
</table>

**Total Credits** 15

**Graduate Study**

The department offers work for the Master of Science (thesis and non-thesis option) and Doctor of Philosophy degrees with the major in Human Development and Family Studies. Minor work for students taking major work in other departments is also available. Graduates of M.S. and Ph.D. programs in the department will understand and apply relevant theories to educational, research, and/or intervention or prevention programs. It is intended that they will produce and disseminate research results and provide leadership in human development and family studies professions.

Graduate study in Human Development and Family Studies at Iowa State University is multidisciplinary and focuses on research and practice in several content areas such as adolescent/young adult development, adult development and aging, family studies and policy, family economic well-being and financial planning, infant and child development, health and well-being, and lifespan development. In addition, the Department of Human Development and Family Studies offers coursework and experiences leading to the National Council of Family Relations certification as a family life educator.

Prerequisite to work in the major is the completion of a related undergraduate program with basic courses and/or experiences in areas such as child/human development, community and regional planning, economics, education, family studies, psychology, or sociology. Additional coursework or prerequisites (e.g. basic statistics) may be required depending on the undergraduate program and program of study. Students may be admitted to our doctoral program with either a bachelor's (MS/PhD Track, 5 years) or a master's degree (PhD Track only, 3 years). Students admitted to the PhD Track without a prior master's degree complete requirements for a thesis-based master's degree as part of their doctoral program of study.

All students take a core set of courses; the program of study is then completed with a selection of courses that meet the individual needs of the student. The variety and flexibility in the coursework allows a student to tailor a program to specific academic interests. The graduate programs are based on a theory, research, and application interactive paradigm with all three areas integrated into our content and method courses.

The department offers a graduate minor in Human Development and Family Studies. To earn this minor, students in a Master's program must take 9 credits in HD FS graduate courses (500, 600 level) with a limit of 3 credits in seminar or workshop credit: (credits in 591 or 691 not allowed). To earn a minor in HD FS students must take 12 credits in HD FS graduate courses (500, 600 level) with a limit of 3 credits in seminar or workshop credit: (credits in 591 or 691 not allowed).

The department offers four Graduate Certificates available to HD FS majors as well as students in other departments and professionals in the field. The certificates emphasize application and relevance to growing diversity and demands on the work force and include Developmental and Family Sciences Advanced Research Design and Methods (15 credits); Family Well-Being in Diverse Society (12 credits); Infant and Early Childhood Mental Health (12 credits, online); and Life-span Development (12 credits, online).

The department also participates in several Master of Family and Consumer Sciences degree programs (http://catalog.iastate.edu/collegeofhumanosciences/ familyandconsumerosciences/). Admission to the youth (YTH), family financial planning (FFP) and gerontology (GERON) specialization programs require submission of the Graduate College application form, transcripts, 2 letters of recommendation, resume and a goal statement.

First, students selecting this option may choose Human Development and Family Studies as the focus of their studies.

Second, a 36-credit Master of Family and Consumer Sciences-Youth Development (MFCS-YD) or a 13-credit Youth Development Specialist Certificate or a 13-credit Youth Program Management and Evaluation Certificate-
Curricular Requirements

One of the following:
- Communications and Library: 13 credits
  - ENGL 150 Critical Thinking and Communication 3
  - ENGL 250 Written, Oral, Visual, and Electronic Composition 3
  - LIB 160 Information Literacy 1
  - One of the following:
    - COMST 102 Introduction to Interpersonal Communication 3
    - COMST 218 Conflict Management 3
    - SP CM 212 Fundamentals of Public Speaking 3
  - One of the following:
    - ENGL 302 Business Communication 3
    - ENGL 309 Report and Proposal Writing 3
    - ENGL 314 Technical Communication 3

Total Credits 13

Natural Sciences and Mathematical Disciplines: 10-11 credits
- Statistics or Mathematics Course 3-4
- COM S 103 Computer Applications 4

Total Credits 10-11

Social Sciences: 9 credits
- Select from HD FS list of approved social sciences courses

Humanities: 6 credits
- Select from HD FS list of approved humanities courses

Child, Adult and Family Services Core: 15 credits
- HD FS 103 Professional Principles for Working with Children and Youth .5
- HD FS 224 Development in Young Children: Birth through Age 8 3
- HD FS 240 Literature for Children 3
- HD FS 342 Guidance and Group Management in Early Childhood 3
- HD FS 344 Programming for Children in Early Care and Education 4
- H S 105 First Aid and Emergency Care 2
- SP ED 250 Education of the Exceptional Learner in a Diverse Society 3

One of the following:
- HD FS 373 Death as a Part of Living 3
- HD FS 479 Family Interaction Dynamics 3

Total Credits 21.5

Youth Programs option: 21.5 credits
- HD FS 105 Professional Principles for Working with Adults 0.5
- HD FS 226 Development and Guidance in Middle Childhood 3
- HD FS 227 Adolescent and Emerging Adulthood 3
- HD FS 270 Family Communications and Relationships 3
- HD FS 276 Human Sexuality 3

Total Credits 21.5

Electives: 25.5-26.5 credits
- Choose Child, Youth or Adult & Family program option, see below for curriculum.

Total credits: 120 credits

U.S. Diversity and International Perspectives Requirement: Students fulfill the U.S. Diversity and International Perspectives Requirement by choosing three credits of coursework from each of the university-approved lists.

Child Programs option: 21.5 credits
- HD FS 103 Professional Principles for Working with Children and Youth .5
- HD FS 224 Development in Young Children: Birth through Age 8 3
- HD FS 240 Literature for Children 3
- HD FS 342 Guidance and Group Management in Early Childhood 3
- HD FS 344 Programming for Children in Early Care and Education 4
- H S 105 First Aid and Emergency Care 2
- SP ED 250 Education of the Exceptional Learner in a Diverse Society 3

One of the following:
- HD FS 373 Death as a Part of Living 3
- HD FS 479 Family Interaction Dynamics 3

Total Credits 21.5

Youth Programs option: 21.5 credits
- HD FS 105 Professional Principles for Working with Adults 0.5
- HD FS 226 Development and Guidance in Middle Childhood 3
- HD FS 227 Adolescent and Emerging Adulthood 3
- HD FS 270 Family Communications and Relationships 3
- HD FS 276 Human Sexuality 3

Total Credits 21.5
HD FS 479 Family Interaction Dynamics 3
SP ED 250 Education of the Exceptional Learner in a Diverse Society 3
or HD FS 360 Housing and Services for Families and Children 3
One of the following 3
HD FS 239 Housing and Consumer Issues
HD FS 283 Personal and Family Finance
HD FS 373 Death as a Part of Living

Total Credits 21.5

Adult and Family Programs: 21.5 credits
HD FS 105 Professional Principles for Working with Adults 0.5
HD FS 234 Adult Development and Aging 3
HD FS 270 Family Communications and Relationships 3
HD FS 276 Human Sexuality 3
HD FS 377 Aging and the Family 3
HD FS 479 Family Interaction Dynamics 3
HD FS 360 Housing and Services for Families and Children 3
or HD FS 463 Environments for the Aging 3
One of the following 3
HD FS 239 Housing and Consumer Issues
HD FS 283 Personal and Family Finance
HD FS 341 Housing Finance and Policy
HD FS 373 Death as a Part of Living
HD FS 378 Retirement Planning and Employee Benefits

Total Credits 21.5

Curriculum in Early Childhood Education – Unified

The curriculum in early childhood education – unified (ECE) prepares graduates to teach young children and work with their families. This program leads to careers working with young children (both those who are typically developing and those with special needs) from birth through age eight. Graduates may be employed by either public or private agencies or schools to teach in early childhood classrooms (preschool through 3rd grade) or in home-based programs. This curriculum has been approved by the Iowa Department of Education and meets the requirements for the early childhood education – unified teacher license. The program is an interdepartmental major administered by the Department of Human Development and Family Studies and School of Education.

Early childhood education majors must satisfy a world languages requirement for graduation (see below for more information on the world languages requirement).

Students who enroll in the early childhood education – unified program must apply to and be accepted into the teacher education program prior to enrolling in advanced courses. All early childhood education – unified students must meet general education requirements for teacher licensure. Iowa State University is in compliance with the Iowa Department of Education’s mandate for a performance-based system of teacher training. The state of Iowa has developed and implemented a competency system to evaluate the performance of all teachers. A detailed list of the Iowa State University Teacher Education Standards and the State of Iowa Teaching Standards, along with other information about the University Educator Preparation Program, can be found at www.education.iastate.edu/tepe/.

Additional information is also available from the student’s academic advisor. Students in early childhood education – unified must meet the performance outcome standards for teacher licensure. Standards are assessed in coursework through artifacts such as assignments, projects, or practicum participation. These standards assessments are based on the early childhood content standards for endorsement 100 in the State of Iowa. These include competencies in (1) child growth, development, and learning, (2) developmentally appropriate learning environment and curriculum implementation, (3) health, safety, and nutrition, (4) family and community collaboration, and (5) professionalism. Pre-student teaching field experiences and student teaching experiences in at least two different settings is required.

World Language and Culture Requirements

Early childhood education – unified majors must satisfy a graduation requirement equivalent to the first year of university-level study in one world language (normally, completion of a two-semester sequence in any one world language). The requirement may be met by completion of three or more years of high school study in one world language.

Students who have completed three or more years of French, German, or Spanish in high school may not receive graded credit for 101/102 in those languages. If these students choose to take 101-102 on a remedial basis, they will be graded S-F. Test-out credit (T credit) may be obtained by passing an appropriate examination or by completing an advanced sequence (200-level or higher) in that language.

Degree Requirements

126 total credits required

Communications and Library: 10 credits
ENGL 150 Critical Thinking and Communication ** 3
ENGL 250 Written, Oral, Visual, and Electronic Composition ** 3
LIB 160 Information Literacy 1
Communication course from approved ECE list 3

Total Credits 10

**Must receive a "C" or above

Biological Sciences, Physical Sciences, Mathematics and Health: 14 credits
MATH 195 Mathematics for Elementary Education I ** 3
MATH 196 Mathematics for Elementary Education II ** 3
H S 105 First Aid and Emergency Care 2
Physical Sciences course from approved ECE list 3
Biological Sciences course from approved ECE list 3

Total Credits 14

**Must receive a "C-" or above

Social Sciences: 9 credits
HD FS 102 Individual and Family Life Development 3
One of the following: 3
HIST 221 Survey of United States History I
HIST 222 Survey of United States History II
POL S 215 Introduction to American Government
Social Sciences course from approved ECE list 3

Total Credits 9

Humanities: 9 credits
Humanities courses from approved ECE list * 9

Total Credits 9

*Must meet World Languages and Culture requirement

Human development and family studies: 3.5 credits
HD FS 103 Professional Principles for Working with Children and Youth .5
HD FS 224 Development in Young Children: Birth through Age 8 ** 3

Total Credits 3.5

**Must receive a "C" or above

Orientation: 2 credits
HD FS 110 Freshman Learning Community Orientation 1
HD FS 208 Early Childhood Education Orientation 1

Total Credits 2

Professional education core: 15 credits
C I 201 Learning Technologies in the PK-6 Classroom ** 3
C I 204 Social Foundations of Education in the United States ** 3
SP ED 250 Education of the Exceptional Learner in a Diverse Society
C I 332 Educational Psychology of Young Learners ** 3
C I 406 Multicultural Foundations of School and Society: Introduction ** 3

Total Credits 15
and consumer sciences educators in a variety of settings such as middle, junior
Communications, or Professional Studies.
Students in the program choose one of three options: Teacher Licensure,
are required in general education and the College core.
for professional careers related to education or community leadership. Courses
Leading to a degree bachelor of science.
Administered by the Department of Human Development and Family Studies.
of coursework from university-approved Humanities and Social Sciences included
childhood education – unified fulfill the U.S. Diversity with SP ED 250 or HD FS
Total Credits: 126
Electives: 1-3 credits to equal 126 total credits
Total Credits: 126
U.S. Diversity and International Perspectives Requirement: Students in early
childhood education – unified fulfill the U.S. Diversity with SP ED 250 or HD FS 240. International Perspectives Requirements are met by choosing three credits of coursework from university-approved Humanities and Social Sciences included on the ECE approved options sheet.
Curriculum in Family and Consumer Sciences Education and Studies
Administered by the Department of Human Development and Family Studies. Leading to a degree bachelor of science.
This curriculum provides a broad-based program of study focusing on preparation for professional careers related to education or community leadership. Courses are required in general education and the College core.
Students in the program choose one of three options: Teacher Licensure, Communications, or Professional Studies.
Option 1, Teacher Licensure, is designed for students seeking careers as family and consumer sciences educators in a variety of settings such as middle, junior
high, and senior high schools. Further information about licensure programs appears under Teacher Education.
Option 2, Communications, is designed for students seeking careers emphasizing the use of principles in journalism, marketing, communications, and public relations with diverse populations in business or social agency settings as well as extension, community agencies, community colleges, and youth and adult education programs in the global community.
Option 3, Professional Studies, is designed to provide students with the opportunity to pursue an individualized program which is planned with their academic advisers. Careers include working with diverse populations in Extension, business, community agencies, and community colleges, or non-profit groups and organizations involving youth and adult education programs.
A minor in Educational Services in Family and Consumer Sciences is available, see requirements under Human Development and Family Studies Courses and Programs or in the catalog section Family and Consumer Sciences Education and Studies.
Total Credits required: 122.5-123.5
Communications and library

Total Credits
Communications and library

Total Credits
Natural sciences and mathematical disciplines

Total Credits
Social sciences

Total Credits
Humanities

Total Credits
Family and Consumer Sciences Education and Studies core

Total Credits
HD FS 283  Personal and Family Finance  3

Total Credits  12.5

Option 1: Teacher Licensure

Total Credits for FCEDS (Teacher Licensure): 122.5-123.5

C 1 202  Learning Technologies in the 7-12 Classroom  3
C 1 204  Social Foundations of Education in the United States  3
C 1 219  Orientation to Teacher Education: Math, Science, FCS Education, and History/Social Science Majors  3
C 1 333  Educational Psychology  3
C 1 406  Multicultural Foundations of School and Society: Introduction  3
C 1 426  Principles of Secondary Education  3
FCEDS 306  Educational Principles for Family and Consumer Sciences  4
FCEDS 413  Planning and Assessment for Family and Consumer Sciences and Family Life Education  4
FCEDS 418  Career and Technical Programs in Family and Consumer Sciences  3
FCEDS 417A  Supervised Teaching in Family and Consumer Sciences: Vocational family and consumer sciences  8
FCEDS 417B  Supervised Teaching in Family and Consumer Sciences: Family and consumer sciences  8
FCEDS 480A  Pre-Student Teaching Experience in FCS Education: Practicum in FCS Labs (24 hours)  1
FCEDS 480B  Pre-Student Teaching Experience in FCS Education: Practicum in Diverse Settings (24 hours)  1
FS HN 111  Fundamentals of Food Preparation  2
FS HN 115  Food Preparation Laboratory  1
FS HN 167  Introduction to Human Nutrition  3
HD FS 224  Development in Young Children: Birth through Age 8  3
HD FS 227  Adolescent and Emerging Adulthood  3
HD FS 249  Parenting and Family Diversity Issues  3
A M D 204  Textile Science  4
A M D 221  Apparel Assembly Processes  3
SP ED 401  Teaching Secondary Students with Exceptionalities in General Education  3

One of the following  3

ARTID 250  Fundamentals of Interior Design  3
ARTID 251  Human Factors in Design  3
ARTID 255  Forces That Shape Interior Space  3
ARTID 355  Interior Design History/Theory/Criticism I  3
ARTID 356  Interior Design History/Theory/Criticism II  3
HD FS 226  Development and Guidance in Middle Childhood  3
HD FS 342  Guidance and Group Management in Early Childhood  3

One of the following  3

AESHM 379  Community Leadership: Examination of Social Issues  3
HD FS 341  Housing Finance and Policy  3
HD FS 383  Fundamentals of Financial Planning  3
HD FS 395  Children, Families, and Public Policy  3

Total Credits  76

Option 2: Communications

Total Credits for FCEDS (Communication Option): 123.5

AESHM 287  Principles of Management in Human Sciences  3
AESHM 379  Community Leadership: Examination of Social Issues  3
ENGL 302  Business Communication  3
ENGL 314  Technical Communication  3
FCEDS 306  Educational Principles for Family and Consumer Sciences  4
FS HN 167  Introduction to Human Nutrition  3
HD FS 249  Parenting and Family Diversity Issues  3
HD FS 269  Research in Human Development and Family Studies  3
HD FS 367  Abuse and Illness in Families  3
HD FS 377  Aging and the Family  3
HD FS 395  Children, Families, and Public Policy  3
HD FS 418B  Professional Practice Reflection/Discussion: Internships  2
HD FS 449  Program Evaluation and Proposal Writing  3
HD FS 486  Administration of Programs for Children, Adults and Families  3
P R 305  Publicity Methods  3

Choose 6 credits from the following  6

DSN S 232  Digital Design Communications  3
P R 220  Principles of Public Relations  3
JL MC 341  Contemporary Magazine Publishing  3
JL MC 462  Media Ethics, Freedom, Responsibility  3
JL MC 476  World Communication Systems  3
JL MC 477  Ethnicity, Gender, Class and the Media  3
JL MC 201  Reporting and Writing for the Mass Media  3
P R 321  Public Relations Writing  3
FCEDS 491A  Supervised Experiences in a Professional Setting: Communications  6

Electives  12

Total Credits  76

Option 3: Professional Studies

Total credits for FCEDS (Professional Studies): 123.5

AESHM 379  Community Leadership: Examination of Social Issues  3.0

One of the following  3

AESHM 474  Entrepreneurship in Human Sciences  4
MGMT 310  Entrepreneurship and Innovation  4
FS HN 167  Introduction to Human Nutrition  3
HD FS 249  Parenting and Family Diversity Issues  3
HD FS 269  Research in Human Development and Family Studies  3
HD FS 367  Abuse and Illness in Families  3
HD FS 377  Aging and the Family  3
HD FS 395  Children, Families, and Public Policy  3
HD FS 418B  Professional Practice Reflection/Discussion: Internships  2
HD FS 449  Program Evaluation and Proposal Writing  3
HD FS 486  Administration of Programs for Children, Adults and Families  3

One of the following  3

HD FS 341  Housing Finance and Policy  3
HD FS 383  Fundamentals of Financial Planning  3
HD FS 482  Family Savings and Investments  3

AESHM 379  Aesthetics of Consumer Experience  3
A M D 362  Cultural Perspectives of Dress  3
PHIL 340  Aesthetics  3

Two of the following  6

ENGL 302  Business Communication  3
ENGL 314  Technical Communication  3
P R 220  Principles of Public Relations  3
P R 305  Publicity Methods  3

FCEDS 491B  Supervised Experiences in a Professional Setting: Professional Studies  6

College of Human Science Electives, choose from AESHM, FCEDS, FS HN, Minimum 9 credits at 300 level or above; elective total will vary to equal a total of 123.5 credits

University Electives  9

Total Credits  76

Curriculum in Financial Counseling and Planning

Administered by the Department of Human Development and Family Studies. Leading to the degree bachelor of science.
The **Financial Counseling and Planning** curriculum prepares students for careers in family financial services, offering three Emphases: Financial Planning, Financial Counseling, or Family Financial Studies. Financial Counseling and Planning is a growing career field and appeals to students who want to work with individuals and families to help them meet their financial goals and improve their financial capability to better meet financial challenges. Coursework provides students with the family resource management and interpersonal skills needed to help families remain financially secure. Based on individual specific career goals, students may select a path that leads to fulfilling the education requirements for the leading designations and certifications in financial counseling and planning. Graduates of the program are prepared for employment in personal banking, financial services, insurance, financial counseling and planning, and human service organizations. Laboratory and practicum opportunities exist in the Iowa State University Financial Counseling Clinic. An internship encourages students to apply their studies and to experience the profession in real-world settings. A minor in Financial Counseling and Planning is available; see requirements under Human Development and Family Studies Courses and Programs.

**Total credits required: 120**

**Communications and Library: 13 credits**
- ENGL 150 Critical Thinking and Communication 3
- ENGL 250 Written, Oral, Visual, and Electronic Composition 3
- One of the following: 3
  - SP CM 212 Fundamentals of Public Speaking
  - COMST 102 Introduction to Interpersonal Communication
  - COMST 218 Conflict Management
- LIB 160 Information Literacy 1
- One of the following 3
  - ENGL 302 Business Communication
  - ENGL 309 Report and Proposal Writing
  - ENGL 314 Technical Communication

**Total Credits** 13

**Natural Sciences and Mathematical Disciplines: 10 credits**
- STAT 101 Principles of Statistics 4
- Computer Science course from approved HD FS list 3
- or MATH, STAT, or Natural Sciences course from approved HD FS list

**Total Credits** 10

**Social Sciences: 9 credits**
- ECON 101 Principles of Microeconomics 3
- SOC 134 Introduction to Sociology 3
- ANTHR, ECON, POL S, PSYCH, or SOC course 3

**Total Credits** 9

**Humanities: 9 credits**
- Humanities course from approved HD FS list 9

**Total Credits** 9

**HD FS orientation: 1 credit**
- HD FS 110 Freshman Learning Community Orientation 1
  or HD FS 111 New Transfer Student Seminar

**Total Credits** 1

**Human development and family studies core: 19-20 credits**
- HD FS 102 Individual and Family Life Development 3
- HD FS 269 Research in Human Development and Family Studies 3
- HD FS 418B Professional Practice Reflection/Discussion: Internships 2
- HD FS 449 Program Evaluation and Proposal Writing 3
- HD FS 491 Internship 8-9

**Total Credits** 19-20

**Financial Counseling and Planning core (AFC exam ready): 13 credits**
- HD FS 283 Personal and Family Finance 3
- HD FS 341 Housing Finance and Policy 3
- HD FS 383 Fundamentals of Financial Planning 3

**Total Credits** 13

**Emphasis: 18-19 credits**
Choose an emphasis of Family Financial Counseling, Family Financial Planning or Family Financial Studies, see below for curriculum.

**Electives: 28-30 credits as needed to equal 120 total credits**
Courses from accounting, architecture, art, and design, community and regional planning, economics, family and consumer sciences education, finance, gerontology, interior design, journalism, management, marketing, political science, psychology, and sociology are suggested.

**Total credits: 120 credits**
U.S. Diversity and International Perspectives Requirement: Students fulfill the U.S. Diversity and International Perspectives Requirement by choosing three credits of coursework from each of the university-approved lists.

**Emphasis 1: Financial Counseling (AFC exam ready): 18 credits**
- HD FS 239 Housing and Consumer Issues 3
- HD FS 249 Parenting and Family Diversity Issues 3
- HD FS 270 Family Communications and Relationships 3
- HD FS 360 Housing and Services for Families and Children 3
- HD FS 377 Aging and the Family 3
- HD FS 395 Children, Families, and Public Policy 3

**Total Credits** 18

**OR**

**Emphasis 2: Financial Planning (CFP exam ready): 15 credits**
- HD FS 378 Retirement Planning and Employee Benefits 3
- HD FS 482 Family Savings and Investments 3
- HD FS 484 Estate Planning for Families 3
- HD FS 485 Capstone Course in Family Financial Planning 3
- FIN 361 Personal Risk Management and Insurance 3

**Total Credits** 15

**OR**

**Emphasis 3: Family Financial Studies: 18 credits**
Select 18 credits from either Emphasis 1 or Emphasis 2