

Human Development and Family Studies

Undergraduate Study

For undergraduate curricula in Human Development and Family Studies, leading to the degree bachelor of science, see Human Sciences, Curricula.

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 Family Finance, Housing, and Policy.

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 the helping professions with employment opportunities in public and private agencies. Opportunities exist to observe and work with infants, preschoolers, school-age children, adolescents, adults, and families. 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. 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.

The curriculum in **Early Childhood Education-Unified** is planned for students preparing to teach young children and work with their families. This program leads to careers in working with young children (both those who are typically developing and those with special needs) from birth through age eight. Graduates of this program may teach in early childhood (preschool and kindergarten-3rd grade) classrooms or home based programs, with emphasis on inclusive services. Graduates may be employed by either public or private agencies or schools. 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 the Department of Human Development and Family Studies and the School of Education within the College of Human Sciences.

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 and be accepted into the teacher education program prior to enrolling in advanced courses. All early childhood education-unified students, including those seeking a double major, 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 twelve Iowa State University Teacher Education Standards and the eight State of Iowa Teaching Standards, along with other information about the University Teacher Education Program, can be found at www.education.iastate.edu/te. 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
5. professionalism

Pre-student teaching field experiences and student teaching experience in a least two different settings are required. Students will receive both formative and summative evaluations of their progress toward meeting these outcomes throughout their program at ISU.

The curriculum in **Family and Consumer Sciences Education and Studies** offers one curriculum for the Bachelor of Science degree in Family and Consumer Sciences Education and Studies. (<http://catalog.iastate.edu/collegeofhumansciences/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 addressing 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-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.

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/CredentiaingCenter/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 pursuing 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 family finance, housing, and policy. 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-general endorsement or teacher licensure as a post baccalaureate student.

The program offers a minor in Educational Services in Family and Consumer Sciences. The minor is earned by successfully completing 15 credits. For additional details, see www.hdfs.hs.iastate.edu/undergraduate-majors/minors/.

The **Family Finance, Housing and Policy** curriculum prepares students for careers in family financial services, offering three emphasis areas: Financial Planning, Financial Counseling or Family Financial Studies. Family Finance 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. Based on your specific career goals you can 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 within the public and private and not-for-profit organizations including working in the banking and insurance industry and financial counseling and human service agencies. Coursework provides students with the family resource management and interpersonal skills that they need to help families thrive. Laboratory and practicum opportunities exist in the Iowa State University Financial Counseling Clinic. A required internship encourages students to apply their studies and to experience the profession in real-world settings.

Family Finance and Housing Policy majors are also prepared to enter graduate programs in family financial planning, financial education, economics, finance, and law.

Well qualified juniors and seniors in Family Finance, Housing and Policy who are interested in graduate study many apply for concurrent enrollment in the Graduate College to simultaneously pursue both a B.S. in Family Finance, Housing and Policy and a M.S. in Human Development and Family Studies or a B.S. in Family Finance, Housing and Policy 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.

Minors

The department offers minors in Child, Adult, and Family Services, Educational Services in Family and Consumer Sciences, and Family Finance, Housing, and Policy. 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:

HD FS 102	Individual and Family Life Development	3
One of the following:		
HD FS 224	Development in Young Children: Birth through Age 8	3
HD FS 226	Development and Guidance in Middle Childhood	
HD FS 227	Adolescent and Emerging Adulthood	
HD FS 234	Adult Development and Aging	
HD FS 377	Aging and the Family	
Three of the following:		
HD FS 249	Parenting and Family Diversity Issues	9
HD FS 270	Family Communications and Relationships	
HD FS 342	Guidance and Group Management in Early Childhood	
HD FS 344	Programming for Children in Early Care and Education	
HD FS 360	Housing and Services for Families and Children	
HD FS 367	Abuse and Illness in Families	
HD FS 373	Death as a Part of Living	
HD FS 395	Children, Families, and Public Policy	
HD FS 449	Program Evaluation and Proposal Writing	
HD FS 463	Environments for the Aging	

HD FS 479	Family Interaction Dynamics	
Total Credits		15
The <u>Education Services in Family and Consumer Sciences</u> minor may be earned by completing 15 credits:		
FCEDS 206	Professional Roles in Family and Consumer Sciences	2
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 491A	Supervised Experiences in a Professional Setting: Communications	5
or FCEDS 491B	Supervised Experiences in a Professional Setting: Professional Studies	
Total Credits		15
The <u>Family Finance, Housing, and Policy</u> minor may be earned by completing 15 credits:		
HD FS 283	Personal and Family Finance	3
Select 12 credits from the courses below:		12
HD FS 341	Housing Finance and Policy	
HD FS 378	Retirement Planning and Employee Benefits	
HD FS 383	Fundamentals of Financial Planning	
HD FS 482	Family Savings and Investments	
HD FS 484	Estate Planning for Families	
HD FS 489	Financial Counseling	
HD FS 489L	Financial Counseling Laboratory	
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/youth 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 in one or more of the following areas: child/human development, community and regional planning, economics, education, family studies, psychology, or sociology. Additional coursework or prerequisites 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 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. Students may select coursework within or across the research and practice areas. The variety of and flexibility in the coursework allows a student to tailor a program to specific academic interests. Since HD FS graduate degree programs are research-focused students are required to take coursework in research methods and statistics.

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 in a Doctoral program 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 also offers two Graduate Certificates

including a Family Well-Being in Diverse Society (12 credits) and Developmental and Family Sciences Advanced Research Design and Methods (15 credits).

The department also participates in several Master of Family and Consumer Sciences degree programs (<http://catalog.iastate.edu/collegeofhumansciences/familyandconsumersciences/>). 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- are designed to prepare individuals who work directly with youth or are involved in education and research related to youth. The courses for this program are completely Web-based.

Third, a 42-credit Master of Family and Consumer Sciences-Family Financial Planning Program (MFCS-FFP), along with the 18-credit Graduate Certificate Program, is designed to prepare individuals to work in the financial planning field. The courses for the program are completely Web-based. Completion of course work in the Master degree and Graduate Certificate meets the educational requirements to sit for the Certified Financial Planner (CFP) Board of Standards Certification Examination.

The department offers well qualified students in Family Finance, Housing, and Policy concurrent degree programs that allow them to obtain a B.S. in FFHP and an M.S. in HD FS or a B.S. in FFHP and a Graduate Certificate in Family Financial Planning in 5 years. Application for admission to the Graduate College should be made near the end of the junior year. Under concurrent enrollment, students simultaneously take undergraduate and graduate courses and may be eligible for assistantships. Students interested in these programs should contact the department for details.

Finally, the department cooperates with the interdepartmental Gerontology program; students may declare a minor in Gerontology. The Master of Family and Consumer Sciences - Gerontology program (MFCS-GERON) and the Graduate Gerontology Certificate program are designed to prepare professionals who work directly with older people or are involved in education and research related to the elderly. Professionals offering direct services often are involved in health promotion programs, directing inter-generational activities, managing senior centers or retirement communities, counseling older people and their families, and helping people plan for retirement. Professionals involved in education and research may evaluate community-based services, teach others about the aging process, develop policies and programs to serve the needs of the elderly, and work with business and industry on issues related to an aging work force.

Curricula:

- **Child Adult, and Family Services**
- **Early Childhood Education— Unified**
- **Family and Consumer Sciences Education and Studies**
- **Family Finance, Housing, and Policy**

Curriculum in Child, Adult, and Family Services

Administered by the Department of Human Development and Family Studies. Leading to the degree bachelor of science.

Total credits required: 120. The child, adult, and family services curriculum, with options in child programs, youth programs, adult/family programs, leads to employment opportunities in the helping professions working with children, adults, and families in a variety of public and private human service agencies and organizations.

A minor in child, adult, and family services is available; see requirements under Human Development and Family Studies, Undergraduate programs.

The following requirements are for the child programs, youth programs, adult/family programs:

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:	3
COMST 102	Introduction to Interpersonal Communication
COMST 218	Conflict Management
SP CM 212	Fundamentals of Public Speaking
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: 10-11 credits

One of the following	3-4	
STAT 101	Principles of Statistics	
MATH 104	Introduction to Probability and Matrices	
MATH 105	Introduction to Mathematical Ideas	
MATH 140	College Algebra	
MATH 142	Trigonometry and Analytic Geometry	
MATH 150	Discrete Mathematics for Business and Social Sciences	
MATH 165	Calculus I	
COM S 103	Computer Applications	4
Biology Course		3
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

HD FS Orientation: 1 credit

HD FS 110	Freshman Learning Community Orientation	1
or HD FS 111	Transfer Student Orientation	
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: Student Interns	2
HD FS 449	Program Evaluation and Proposal Writing	3
HD FS 491	Internship	8-9
Total Credits		19-20

Child, Adult, and Family Services Core: 15 credits

HD FS 183	Personal Finance in Early Adulthood	1
HD FS 218	Professional Orientation and Service Learning	2
HD FS 249	Parenting and Family Diversity Issues	3
HD FS 367	Abuse and Illness in Families	3
HD FS 395	Children, Families, and Public Policy	3
HD FS 486	Administration of Programs for Children, Adults and Families	3
Total Credits		15

Programs Option: 21.5 credits

Choose Child, Youth or Adult & Family program option, see below for curriculum.

Electives: 25.5-26.5 credits**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 Child Programs	.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		3
HD FS 239	Housing and Consumer Issues	
HD FS 270	Family Communications and Relationships	
HD FS 283	Personal and Family Finance	
HD FS 360	Housing and Services for Families and Children	
HD FS 373	Death as a Part of Living	
HD FS 479	Family Interaction Dynamics	
Total Credits		21.5

Youth Programs option: 21.5 credits

HD FS 103	Professional Principles for Child Programs	.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
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	
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 103	Professional Principles for Child Programs	0.5
or HD FS 105	Professional Principles for Youth and Adult Programs	
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	
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) is planned for students preparing to teach young children and work with their families. This program leads to careers in working with young children (both those who are typically developing and those with special needs) from birth through third grade. Graduates in this curriculum may teach in early childhood (preschool and primary) classrooms and home based programs, with emphasis on inclusive services. Graduates may be employed by either public or private agencies or schools. 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 within the College of Human Sciences.

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

Students in early childhood education – unified must apply and be accepted into the teacher education program prior to enrolling in advanced courses. All early childhood education-unified students, including those seeking a double major, 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 twelve Teacher Education Standards along with other information about the University Teacher Education Program, can be found at www.education.iastate.edu/te/.

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. Students will receive both formative and summative evaluations of their progress toward meeting these outcomes throughout their program at Iowa State University

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; 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. If these students choose to take 101-102 on a remedial basis, they will be graded S-F.

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 Child Programs	.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 **	3
C I 332	Educational Psychology of Young Learners **	3
C I 406	Multicultural Foundations of School and Society: Introduction **	3
Total Credits		15

****Must receive a "C" or above**

Preprimary inclusive: 24 credits

HD FS 240	Literature for Children **	3
HD FS 340	Assessment and Curricula: Ages Birth through 2 Years **	4
HD FS 342	Guidance and Group Management in Early Childhood **	3
HD FS 343	Assessment and Programming: Ages 3 through 6 Years **	4
HD FS 345	Adapting Programming in Inclusive Settings **	3
HD FS 455	Curricula for Ages 3 through 6 Years **	4
HD FS 456	Building Partnerships and Engaging Families **	3
Total Credits		24

****Must receive a "C" or above**

Primary inclusive: 21 credits

C I 245	Strategies in Teaching **	2
C I 268	Strategies Practicum	1

C I 377	The Teaching of Reading and Language Arts in the Primary Grades (K-3) **	4
SP ED 368	Teaching in Inclusive Primary Settings **	1
C I 468F	Supervised Practicum in Teaching: Primary Grades, Literacy, Inclusive	1
C I 433	Teaching Social Studies in the Primary Grades **	2
SP ED 355	Classroom Assessment in Inclusive Primary Settings **	2
C I 438	Teaching Mathematics in the Primary Grades **	2
C I 439	Teaching Science in the Primary Grades **	2
C I 468G	Supervised Practicum in Teaching: Primary Grades, Mathematics, Inclusive	1
C I 468I	Supervised Practicum in Teaching: Primary Grades, Science, Inclusive	1
SP ED 455	Instructional Methods for Inclusive Primary Settings **	2
Total Credits		21

****Must receive a "C" or above**

Student teaching**: 16.5 credits

8 credits C I 416A:		8
C I 416A	Supervised Student Teaching - Elementary: Primary grades (K-3).	arr †
HD FS 417C	Supervised Student Teaching: Early Childhood Special Education Programs. F.S.	8
HD FS 418A	Professional Practice Reflection/Discussion: Student Teachers	.5
Total Credits		16.5 †

† Arranged with instructor.

****Must receive a "C" or above**

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 Finance, Housing, and Policy

Administered by the Department of Human Development and Family Studies. Leading to the degree bachelor of science.

The **Family Finance, Housing, and Policy** curriculum prepares students for careers in family financial services, offering three emphasis areas: Family Financial Planning, Family Financial Counseling or Family Financial Studies. Family Finance 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 that they need to help families thrive. Based on your specific career goals you can 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 within the public and private and not-for-profit including working in the banking and insurance industry and financial counseling and human service agencies. A minor in Family Finance, Housing and Policy 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
ACCT 284 Financial Accounting required for Financial Planning Emphasis or MATH, STAT, or Natural Sciences course from approved HD FS list	3
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 or HD FS 111 Transfer Student Orientation	1
Total Credits	1

Human development and family studies core: 22-23 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: Student Interns	2
HD FS 449 Program Evaluation and Proposal Writing	3
HD FS 491 Internship	8-9
HD FS course from outside of major	3
Total Credits	22-23

Family finance, housing, and policy 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
HD FS 489 Financial Counseling	3
HD FS 489L Financial Counseling Laboratory	1
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: 25-27 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: Family 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: Family Financial Planning (CFP exam ready): 19 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
ACCT 301 The Accounting Cycle	1
ACCT 485 Principles of Federal Income Tax	3
FIN 361 Personal Risk Management and Insurance	3
Total Credits	19

OR

Emphasis 3: Family Financial Studies: 18 credits

Select 18 credits from Emphasis 1 and Emphasis 2

Courses primarily for undergraduates:

HD FS 102. Individual and Family Life Development.

(3-0) Cr. 3. F.S.SS.

Development of individuals, families, and their reciprocal relationships as affected by external factors; examined within a framework of life-span developmental tasks.

HD FS 103. Professional Principles for Child Programs.

(0.5-0) Cr. 0.5. F.S.

Introduction to professional principles and ethics, understanding of child abuse reporting, universal precautions. Completion of criminal background checks for ISU practice. Offered on a satisfactory-fail basis only.

HD FS 105. Professional Principles for Youth and Adult Programs.

(0.5-0) Cr. 0.5. F.S.

Introduction to professional principles and ethics, understanding of child, dependent adults and elder abuse reporting, working with aging adults, universal precautions. Offered on a satisfactory-fail basis only.

HD FS 110. Freshman Learning Community Orientation.

(1-0) Cr. 1. F. Prereq: *Membership in HD FS Learning Community*

Introduction to the Department of Human Development and Family Studies including academic requirements and opportunities, strategies for transitioning to college, learning and study strategies, reading and reflection, and career awareness.

HD FS 111. Transfer Student Orientation.

(1-0) Cr. 1. F.S. Prereq: *Restricted to CH FS, FFHP, FCEDS majors*

Orientation to HD FS curricula. Development of a long-term curriculum plan. Offered on a satisfactory-fail basis only.

HD FS 183. Personal Finance in Early Adulthood.

(1-0) Cr. 1. F.S.

Introduction to basic concepts and budgeting practices for management of resources and prevention of financial problems commonly associated with college, including credit and student loans. Offered on a satisfactory-fail basis only.

HD FS 208. Early Childhood Education Orientation.

(Cross-listed with C I). Cr. 1. F.S. *Prereq: Restricted to ECE majors*
Overview of early childhood education (birth-grade 3) teacher licensure requirements. Program planning and university procedures. Required of all students majoring in early childhood education. Offered on a satisfactory-fail basis only.

HD FS 218. Professional Orientation and Service Learning.

(2-0) Cr. 2. F.S. *Prereq: Credit or concurrent enrollment in HD FS 102. Restricted to CH FS majors.*

Ethics, professional development, and career exploration in child, adult and family services. Visits to and service learning with programs that serve children, adults and families with diverse needs. Participation in service learning project required. Offered on a satisfactory-fail basis only.

HD FS 224. Development in Young Children: Birth through Age 8.

(3-1) Cr. 3. F.S. *Prereq: HD FS 102*

Learning, growth, and development (typical and atypical) of children from birth through age eight. Explores importance of family, programs, and a diverse society. Strategies for observing, recording, and interpreting children's cognitive, communication, motor, social, and emotional development. Practicum.

HD FS 226. Development and Guidance in Middle Childhood.

(2-2) Cr. 3. F.S. *Prereq: HD FS 102 or PSYCH 230*

Typical and atypical development from 5 to 12 years of age. Development in the contexts of family, school, and society. Guidance of children in family and group settings; practicum.

HD FS 227. Adolescent and Emerging Adulthood.

(3-0) Cr. 3. F.S. *Prereq: HD FS 102 or PSYCH 230*

Physical, cognitive, and socioemotional development of adolescents and young adults in the context of family, relationships, and culture.

HD FS 234. Adult Development and Aging.

(3-0) Cr. 3. S. *Prereq: HD FS 102*

Introductory exploration of the health, individual and social factors associated with adult development including young adulthood, middle age and older adulthood. Information is presented from a life-span developmental framework.

HD FS 239. Housing and Consumer Issues.

(3-0) Cr. 3. F.

Introduction to factors affecting housing consumption of individuals and families, including current housing consumer issues related to housing choices, housing context of neighborhoods and communities, housing structure types, and credit and housing finance. Issues such as homelessness, housing discrimination, indoor air quality, accessible design.
Meets U.S. Diversity Requirement

HD FS 240. Literature for Children.

(3-0) Cr. 3. F.S.

Evaluation of literature for children, including emphasis on cultural, language, and ability diversity. Roles of literature in the total development of children. Literature selection and use.

Meets U.S. Diversity Requirement

HD FS 249. Parenting and Family Diversity Issues.

(3-0) Cr. 3. F.S.

Parenting practices and family relationships across the lifespan. Practical knowledge and techniques about how to be an effective parent. Diverse families, discipline, and parent education programs.
Meets U.S. Diversity Requirement

HD FS 269. Research in Human Development and Family Studies.

(3-0) Cr. 3. F.S. *Prereq: HD FS 102 or PSYCH 230*

Understanding and evaluating research. Use of primary and secondary data to identify and study problems related to human development and family issues, including finance and housing. An introduction to statistical concepts and computer analysis. Research participation.

HD FS 270. Family Communications and Relationships.

(3-0) Cr. 3. F.S. Alt. SS., offered 2013. *Prereq: HD FS 102 or PSYCH 230*

Family communication and its functions to develop, maintain, enrich and limit family relationships. Family theories related to communication and ethical considerations when working with families.

HD FS 276. Human Sexuality.

(3-0) Cr. 3. F.S. SS.

Behavioral, biological, and psychological aspects of human sexuality within the social context of family, culture, and society. Role of sexuality in human development. Critical analysis of media and research. Communication and decision-making skills relating to sexuality issues and relationships.
Meets U.S. Diversity Requirement

HD FS 283. Personal and Family Finance.

(3-0) Cr. 3. F.S. SS.

Introduction to basic principles of personal and family finance. Budgeting, record keeping, checking and savings accounts, consumer credit, insurance, investments, and taxes.

HD FS 317. Field Experiences.

Cr. 1-6. Repeatable. F.S. SS. *Prereq: Permission of instructor*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317A. Field Experiences: Early Childhood Education Programs..

Cr. 1-6. Repeatable. F.S. SS. *Prereq: HD FS 343.*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317B. Field Experiences: Family Services Programs..

Cr. 1-6. Repeatable. F.S. SS. *Prereq: 9 credits in HD FS.*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317C. Field Experiences: Early Childhood Special Education Programs..

Cr. 1-6. Repeatable. F.S. SS. *Prereq: HD FS 224*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317D. Field Experiences: School-Age Child Care Programs..

Cr. 1-6. Repeatable. F.S. SS. *Prereq: HD FS 226.*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317E. Field Experiences: Infant/Toddler Programs..

Cr. 1-6. Repeatable. F.S. SS. *Prereq: HD FS 340.*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317F. Field Experiences: Research.

Cr. 1-6. Repeatable. F.S. SS. *Prereq: HD FS 269.*

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317G. Field Experiences: Family Finance Programs..

Cr. 1-6. Repeatable. F.S. SS.

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317K. Field Experiences: Housing Programs..

Cr. 1-6. Repeatable. F.S. SS.

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 317L. Field Experiences: Policy Programs.

Cr. 1-6. Repeatable. F.S. SS.

Consult department office for procedure. Supervised field experience in human development and family studies programs. Offered on a satisfactory-fail basis only.

HD FS 340. Assessment and Curricula: Ages Birth through 2 Years.

(3-3) Cr. 4. F.S. *Prereq:* HD FS 224; admission to teacher education program
Assessment strategies for infants and toddlers, including those with special needs. Curricula, learning environments, teaching strategies, health and nutritional practices, and schedules that are developmentally, individually, and culturally appropriate. Using assessment to plan, implement, and evaluate activities to promote physical, motor, cognitive, communication, and social emotional development; practicum.

HD FS 341. Housing Finance and Policy.

(3-0) Cr. 3. F. *Prereq:* 6 credits in social sciences

The social, economic, and governmental contexts of housing and financial decision-making at the household level. Financial considerations for residential property management.

HD FS 342. Guidance and Group Management in Early Childhood.

(2-2) Cr. 3. F.S. *Prereq:* HD FS 224

Guiding prosocial development, self-regulation, and task engagement of children birth to age 8. Focus is on promoting prosocial behaviors through supportive relationships and environments within diverse home, center, or school settings. Functional behavior assessment and ongoing progress monitoring for targeted and intensive interventions. Practicum.

HD FS 343. Assessment and Programming: Ages 3 through 6 Years.

(3-3) Cr. 4. F.S. *Prereq:* HD FS 224; HD FS 240; admission to teacher education program

Assessment strategies for preschool and kindergarten children, including those with special needs. Learning environments, schedules, activities, nutritional practices, and teaching strategies that are developmentally, individually, and culturally appropriate. Using assessment to plan, implement, and evaluate activities to promote physical motor, cognitive, communication, and social emotional development; practicum.

HD FS 344. Programming for Children in Early Care and Education.

(3-3) Cr. 4. F.S. *Prereq:* HD FS 224

Programming in inclusive child care centers and family child care homes, including those with special needs, aged birth through 8 years. Developing, implementing, and evaluating learning environments; activities and materials; behavioral guidance and classroom management practices; health and nutritional practices; and schedules to ensure developmental, individual, and cultural appropriateness. Monitoring children's development and behavior to promote physical, motor, cognitive, communication, and social emotional development. Collaborating effectively with parents and staff.

HD FS 345. Adapting Programming in Inclusive Settings.

(3-0) Cr. 3. F.S. *Prereq:* Credit or concurrent enrollment in HD FS 340 or HD FS 343; SP ED 250

Adapting instruction, materials, and equipment to meet developmental needs of young children birth through age 8 with diverse learning needs and multiple disabilities in inclusive settings. Addressing individualized education programs; special health care needs, challenging behavior, and positioning and handling techniques.

HD FS 360. Housing and Services for Families and Children.

(3-0) Cr. 3. F. *Prereq:* 6 credits in social sciences

Approaches to and assessment of housing and services that assist those with special needs including those with disabilities, low-income, children at risk, single-parents, and the homeless. Emphasis on community settings; e.g., residential facilities, group housing, shelters and transitional housing.
Meets U.S. Diversity Requirement

HD FS 367. Abuse and Illness in Families.

(3-0) Cr. 3. F.S.Alt. SS., offered 2014. *Prereq:* HD FS 102 or PSYCH 230

Causes and consequences of family stressors including physical, sexual, and emotional abuse; substance abuse; and mental and physical illness across the life span. Interplay between victims, offenders, and the treatment system.

HD FS 373. Death as a Part of Living.

(Cross-listed with GERON). (3-0) Cr. 3. F.S.Alt. SS., offered 2014. *Prereq:* HD FS 102

Consideration of death in the life span of the individual and the family with opportunity for exploration of personal and societal attitudes.

HD FS 377. Aging and the Family.

(Cross-listed with GERON). (3-0) Cr. 3. F.Alt. SS., offered 2013. *Prereq:* HD FS 102

Interchanges of the aged and their families. Emphasis on role changes, social interaction, and independence as influenced by health, finances, life styles, and community development.
Meets U.S. Diversity Requirement

HD FS 378. Retirement Planning and Employee Benefits.

(Cross-listed with ECON, GERON). (3-0) Cr. 3. S. *Prereq:* 3 credits in *Principles of Economics* and 3 credits in *Human Development and Family Studies*
Economic well-being in the context of demographic change, the present and future of Social Security, family retirement needs analysis, investment strategies and characteristics of retirement plans, helping others to work towards financial security, family economic issues for retired persons. Overview of employee and retirement benefits.
Meets U.S. Diversity Requirement

HD FS 383. Fundamentals of Financial Planning.

(3-0) Cr. 3. F. *Prereq:* HD FS 283

Fundamental principles of the financial planning process, client/planner interactions, time value of money applications as well as analyses of ethics review, financial statements, cash flow and debt management, education planning, retirement planning, tax planning, and estate planning needs of families.

HD FS 395. Children, Families, and Public Policy.

(3-0) Cr. 3. F.S.Alt. SS., offered 2013. *Prereq:* 6 credits in social sciences
Public policy and politics as they affect children and families. Examination of how individuals and groups influence policy. Investigation of current issues and programs influencing the well-being and welfare of children and families.

HD FS 416. Human Development and Family Studies Seminar.

Cr. arr. Repeatable. F.S.SS. *Prereq:* 8 credits in human development and family studies

Intensive study of a selected topic in human development and family studies.

HD FS 417. Supervised Student Teaching.

Cr. 8. Repeatable. *Prereq:* Reservation required

HD FS 417C. Supervised Student Teaching: Early Childhood Special Education Programs. F.S..

Cr. 8. Repeatable. *Prereq:* GPA 2.5, full admission to teacher education program, HD FS 455; HD FS 456. *Teaching experience with preschool children with disabilities.*

HD FS 418. Professional Practice Reflection/Discussion.

(5-0) Cr. 5. Repeatable. F. *Prereq:* concurrent enrollment in HD FS 417

Supervision and discussion of professional experience. Offered on a satisfactory-fail basis only.

HD FS 418A. Professional Practice Reflection/Discussion: Student Teachers.

(0.5-0) Cr. 0.5. F.S. *Prereq:* Taken concurrently with HD FS 417

Supervision and discussion of HD FS 417 student teaching field experience. Offered on a satisfactory-fail basis only.

HD FS 418B. Professional Practice Reflection/Discussion: Student Interns.

(2-0) Cr. 2. F.S. *Prereq:* Junior classification

Process and development of skills necessary for professional preparation and practice including career planning, resume writing, and interviewing. Strategies for successful career management. Offered on a satisfactory-fail basis only.

HD FS 449. Program Evaluation and Proposal Writing.

(3-0) Cr. 3. F.S. *Prereq:* HD FS 269 and HD FS 395

Theory and practice of program evaluation and proposal writing in human services including needs assessment, outcome development and measurement, and proposal components. Assessment of programs success in meeting goals.

HD FS 455. Curricula for Ages 3 through 6 Years.

(3-3) Cr. 4. F.S. *Prereq:* HD FS 343, HD FS 345, SP ED 355 and SP ED 455

Program models and methods leading to development and organization of appropriate curricula in preschool and kindergarten programs for young children with diverse learning needs. Government regulations and professional standards for child programming. Teaming with parents, colleagues, and paraprofessionals to plan, implement, and evaluate developmentally and culturally appropriate individualized education plans in inclusive settings; practicum. Nonmajor graduate credit.

HD FS 456. Building Partnerships and Engaging Families.

(3-0) Cr. 3. F.S. *Prereq:* HD FS 340, HD FS 345

Family systems and the application of family centered principles in early intervention and home-based services. Impact of disability on families with young children and strategies for delivering family-centered interventions and service coordination. Understanding and measuring family outcomes of early intervention. Understanding foundations of theory and policy, establishing effective partnerships, and building family capacity through effective supports and services. Experiences with families. Nonmajor graduate credit.

HD FS 463. Environments for the Aging.

(Dual-listed with HD FS 563). (Cross-listed with ARTID, GERON). (3-0) Cr. 3. S. Prereq: HD FS 360 or 3 credits in housing, architecture, interior design, rehabilitation, psychology, or human development and family studies
Emphasis on independent living within residential settings including specialized shelter, supportive services, and housing management. Application of criteria appropriate for accessibility and functional performance of activities; universal design principles. Creative project provides service learning opportunities. Meets U.S. Diversity Requirement

HD FS 479. Family Interaction Dynamics.

(3-0) Cr. 3. F.S. Prereq: HD FS 102 or equivalent; HD FS 269 or equivalent; 9 hours in social sciences; junior or senior status
Analysis of research related to family interaction processes across the family life span. Emphasis on relationship dynamics and cultural differences. Nonmajor graduate credit.

HD FS 482. Family Savings and Investments.

(3-0) Cr. 3. F. Prereq: HD FS 283
Management of family financial resources; emphasis on savings and the investment planning process; issues facing financial planners who manage family assets. Identification of investment options including common stocks, fixed income securities, convertible securities, and related choices. Nonmajor graduate credit.

HD FS 484. Estate Planning for Families.

(3-0) Cr. 3. S. Prereq: HD FS 283
Study of estate planning focusing on efficient conservation and transfer of wealth, consistent with client's goals. Legal, tax, financial and non-financial aspects of estate planning process; trusts, wills, probate, advanced directives, charitable giving, wealth transfers and related taxes.

HD FS 485. Capstone Course in Family Financial Planning.

(3-0) Cr. 3. S. Prereq: HD FS 283, HD FS 378, HD FS 383, HD FS 484, HD FS 488, ACCT 485, FIN 361
Development and refinement of competencies required by personal financial planners to work with individuals and families in meeting financial objectives. Utilization of skills obtained in financial planning emphasis to complete one or more financial planning narratives.

HD FS 486. Administration of Programs for Children, Adults and Families.

(3-0) Cr. 3. F.S. Prereq: Junior classification; 6 credits in HD FS at 300 level and above
Examination of purpose, policies, staffing, operations, and clientele of organizations serving children, adults and families with diverse needs. Management/leadership principles and techniques, including an introduction to financial management involved. Administrators/supervisors role in staff hiring, supervision, evaluation and development, as well as program evaluation, goal setting, strategic planning, and advocacy will be explored..

HD FS 489. Financial Counseling.

(Dual-listed with HD FS 589). (3-0) Cr. 3. F. Prereq: Graduate classification
Personal, social/psychological and legal climates affecting family financial decisions. A life cycle approach to financial decision making. Development of financial counseling and planning skills to assist families and individuals to become self-sufficient in family financial management.

HD FS 489L. Financial Counseling Laboratory.

(Dual-listed with HD FS 589L). (0-2) Cr. 1. Repeatable, maximum of 4 credits. F.S. Prereq: Instructor permission
Practical experience in remedial, preventative, and productive approaches to both financial and housing counseling in one-on-one and/or group settings.

HD FS 490. Independent Study.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490A. Independent Study: Child and Family Studies.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490B. Independent Study: Housing.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490C. Independent Study: Family Finance.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490F. Independent Study: Early Childhood Education.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490G. Independent Study: Early Childhood Special Education.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490H. Independent Study: Honors.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure. updated course title to reflect anchor: subtopic format

HD FS 490I. Independent Study: Human Development and Family Studies.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 490L. Independent Study: Policy Programs.

Cr. arr. Prereq: 6 credits in human development and family studies
Consult department office for procedure.

HD FS 491. Internship.

Cr. 4-9. Repeatable, maximum of 9 credits. F.S.SS. Prereq: HD FS 418B; permission of instructor; senior classification; minimum 2.0 GPA; reservation required one semester before placement
Supervised work experience related to the student's curriculum. Offered on a satisfactory-fail basis only.

HD FS 493. Workshop.

Cr. arr. Repeatable. F.S.SS. Prereq: Senior classification
(Dual-listed with 593).

HD FS 499. Research.

Cr. arr. Repeatable, maximum of 6 credits. F.S.SS. Prereq: Consult department office for procedures.
Supervised research experience.

Courses primarily for graduate students, open to qualified undergraduates:**HD FS 501. Graduate Study Orientation.**

(2-0) Cr. 2. F. Prereq: Admission to HD FS Graduate program
Orientation to graduate study, professional development and the field of human development and family studies. Curriculum, portfolios, faculty research interests, research ethics, dissemination of research, career planning, and teaching philosophies discussed.

HD FS 503. Quantitative Research Methods.

(3-0) Cr. 3. S. Prereq: STAT 401 or RESEV 553; concurrent enrollment in HD FS 505
Concepts, methods, and strategies for research in human development and family studies. Topics include the nature of scientific research, measurement, types of research in human development and family studies, validity of research designs, methods of data gathering, and strategies for and issues in the study of change.

HD FS 504. Qualitative Research Methods.

(3-0) Cr. 3. F. Prereq: 9 credits of social sciences
Introduction to qualitative research methodology. Application of fieldwork methods, analysis, interpretation, and writing through individual qualitative research projects.

HD FS 505. Application of Quantitative Research Methods.

(3-0) Cr. 3. S. Prereq: STAT 401 or RESEV 553; concurrent enrollment in HD FS 503
Coding, entry and manipulation of research data. Practical applications with interactive statistical software.

HD FS 510. Theories of Human Development.

(3-0) Cr. 3. F.SS. Prereq: 9 credits of social sciences
Theoretical approaches and current research in child, adolescent, and adult development. Individual life span perspectives. Policy implications. (Summer course offering is on-line).

HD FS 511. Family Theory.

(3-0) Cr. 3. S. Prereq: 9 credits in social sciences
Theoretical approaches and current research in family development. Review the nature and value of theory to the study of the family and evaluate the use of theory in empirical research. Policy implications.

HD FS 530. Perspectives in Gerontology.

(Cross-listed with GERON). (3-0) Cr. 3. F.
WWW only. Overview of current aging issues including theory and research, critical social and political issues in aging, the interdisciplinary focus of gerontology, career opportunities, and aging in the future.

HD FS 534. Adult Development.

(Cross-listed with GERON). (3-0) Cr. 3. S.

Exploration of the biological, psychological and social factors associated with aging. Although the focus is on the later years, information is presented from a life-span developmental framework. Empirical studies are reviewed and their strengths, limitations and implications for normative and optimal functioning are discussed. (on-line course offering via Distance Education).

HD FS 538. Developmental Disabilities.(Cross-listed with PSYCH). (3-0) Cr. 3. Alt. F., offered 2013. *Prereq: 9 credits in human development and family studies or psychology*

Theories, research, and current issues regarding the intersection of development and disabilities. Investigation of interventions with individuals and families. (on-line course offering via Distance Education).

HD FS 541. Housing and Real Estate in Family Financial Planning.

(Cross-listed with FFP). (3-0) Cr. 3. Alt. SS., offered 2014.

The role of housing and real estate in the family financial planning process, including taxation, mortgages, financial calculations, legal concerns, and ethical issues related to home ownership and real estate investments. Emphasis on emerging issues in the context of housing and real estate. (on-line course offering via Distance Education).

HD FS 545. Economics, Public Policy, and Aging.

(Cross-listed with GERON). (3-0) Cr. 3. F.

Policy development in the context of the economic status of the older adult population. Retirement planning and the retirement decisions; social security and public transfer programs; intra-family transfers to/from the aged; private pensions; financing medical care; prospects and issues for the future.

HD FS 555. Current Issues and Research in Early Childhood Services.(3-0) Cr. 3. Alt. F., offered 2014. *Prereq: 9 credits in social sciences*

Analysis of contemporary and historical early childhood/early intervention/early childhood special education model programs and services. Examination of relationships among service systems and implementation, program quality, teacher effectiveness, and outcomes for children with and without disabilities. (on-line course offering via Distance Education).

HD FS 563. Environments for the Aging.

(Dual-listed with HD FS 463). (Cross-listed with ARTID, GERON). (3-0) Cr.

3. S. *Prereq: HD FS 360 or 3 credits in housing, architecture, interior design, rehabilitation, psychology, or human development and family studies*
Emphasis on independent living within residential settings including specialized shelter, supportive services and housing management. Application of criteria appropriate for accessibility and functional performance of activities; universal design principles. Creative project provides service learning opportunities. Meets U.S. Diversity Requirement

HD FS 566. Family Policy.(3-0) Cr. 3. Alt. F., offered 2014. *Prereq: 9 credits in social sciences*

Explores current, enduring, and some controversial family policies and programs. Examines the effect of public policies on families and children, especially those at risk. Describes work roles in family policy and the interaction of family researchers and policymakers.

HD FS 567. Family Stress, Abuse, and Illness.(3-0) Cr. 3. Alt. F., offered 2014. *Prereq: 9 credits in social sciences*

Contemporary theory and research on the causes and consequences of family stressors including physical, sexual, and emotional abuse; substance abuse; and mental and physical illness across the life span. Interplay between victims, offenders, and the treatment system. Identification of barriers to services and supports and exploration of approaches to assist families in overcoming these barriers.

HD FS 568. Developmental Assessment.(3-0) Cr. 3. Alt. S., offered 2014. *Prereq: HD FS 510*

Techniques assessing cognitive, language, motor, emotional and social skills of children in school, home and community settings using criterion-referenced, norm-referenced, and curriculum-based tests and screening tools. Techniques for interviewing families and including them in assessment. Opportunities to practice using different assessments.

HD FS 575. Cross-cultural Perspectives about Families and Children.(3-0) Cr. 3. Alt. S., offered 2014. *Prereq: 6 credits in social sciences*

Review about cultural influences on the development of children, youth, and family life here in the United States and internationally. Using various strategies including DVDs, readings, and interviews, students will reflect upon their own culture and the child rearing practices, family roles, values, and traditions in different cultures. Discussion may also include the impact on human rights and social justice of particular practices.

Meets International Perspectives Requirement.

HD FS 577. Aging in the Family Setting.(Cross-listed with GERON). (3-0) Cr. 3. S. *Prereq: 9 credits in social sciences*

Theories and research related to personal and family adjustments in later life affecting older persons and their intergenerational relationships. Related issues including demographics also are examined through the use of current literature. Spring 2013: on-line via Distance Education; Spring 2014: on campus.

HD FS 579. Family Well-being across the Lifespan.(3-0) Cr. 3. Alt. S., offered 2013. *Prereq: 9 credits in social sciences*

Review of current research to provide a theoretical and practical understanding of the economic, social, and psychological factors that influence interpersonal relationships and individual well-being within the institution of the family system. Economic and policy effects considered.

HD FS 581. International Study in Human Development and Family Studies.Cr. 1-12. Repeatable, maximum of 12 credits. F.S.SS. *Prereq: Permission by application*

Limited enrollment. Supervised international study experiences in Human Development and Family Studies. Countries vary.

HD FS 581A. International Study in HD FS: Practicum.Cr. 1-12. Repeatable, maximum of 12 credits. F.S.SS. *Prereq: Permission by application*

Limited enrollment. Supervised international study experiences in Human Development and Family Studies. Countries vary.

HD FS 581B. International Study in HD FS: Exchange.Cr. 1-12. Repeatable, maximum of 12 credits. F.S.SS. *Prereq: Permission by application*

Limited enrollment. Supervised international study experiences in Human Development and Family Studies. Countries vary.

HD FS 581C. International Study in HD FS: Group Study.Cr. 1-12. Repeatable, maximum of 12 credits. F.S.SS. *Prereq: Permission by application*

Limited enrollment. Supervised international study experiences in Human Development and Family Studies. Countries vary.

HD FS 583. Investing for the Family's Future.(Cross-listed with FFP). (3-0) Cr. 3. F. *Prereq: HD FS 483*

Evaluation of investment markets for the household. Analysis of how families choose where to put their savings. Emphasis is on using the family's overall financial and economic goals to help inform investment choices. (on-line course offering via Distance Education).

HD FS 584. Program Evaluation and Research Methods in Gerontology.

(Cross-listed with GERON). (3-0) Cr. 3. S.

Overview of program evaluation, research methods, and grant writing in gerontology. Includes application of quantitative and qualitative methods in professional settings. (on-line course offering via Distance Education).

HD FS 585. Program Evaluation.(3-0) Cr. 3. Alt. S., offered 2015. *Prereq: 6 credits in graduate level social sciences*

Theoretical and practical issues related to design and implementation of program evaluation. Includes theory, design, implementation, analysis and report writing to assist programs to be successful in meeting its goals.

HD FS 588. Family Economics.(3-0) Cr. 3. Alt. F., offered 2013. *Prereq: 6 credits in sociology or economics*

Analysis of family income, wealth, and economic well-being. Emphasis on effects of family behavior and public policies on the adequacy and security of income across the family life cycle. Implications of resource allocation within the family for adult and child well-being.

HD FS 589. Financial Counseling.(Dual-listed with HD FS 489). (3-0) Cr. 3. F. *Prereq: Graduate classification*

Personal, social/psychological and legal climates affecting family financial decisions. A life cycle approach to financial decision making. Development of financial counseling and planning skills to assist families and individuals to become self-sufficient in family financial management.

HD FS 589L. Financial Counseling Laboratory.

(Dual-listed with HD FS 489L). (0-2) Cr. 1. Repeatable, maximum of 4 credits. F.S.
Prereq: Instructor permission

Practical experience in remedial, preventative, and productive approaches to both financial and housing counseling in one-on-one and/or group settings.

HD FS 590. Special Topics.

Cr. arr. Repeatable. *Prereq: Permission of instructor*

Consult department office on procedure for filing a written plan of study.

HD FS 590I. Special Topics: Human Development and Family Studies.

Cr. arr. Repeatable. *Prereq: Permission of instructor*

Consult department office on procedure for filing a written plan of study.

HD FS 591. Internship.

Cr. arr. Repeatable. F.S.SS. *Prereq: 10 graduate credits*

Supervised experience in an area of human development and family studies.

HD FS 591I. Internship: Human Development and Family Studies.

Cr. arr. Repeatable. F.S.SS. *Prereq: 10 graduate credits*

Supervised experience in an area of human development and family studies.

HD FS 593. Workshop.

Cr. arr. Repeatable. F.S.SS. *Prereq: Senior classification*

(Dual-listed with 493.)

HD FS 594. Professional Seminar in Gerontology.

(Cross-listed with GERON). (3-0) Cr. 3. SS.

An integrative experience for gerontology students designed to be taken near the end of the degree program. By applying knowledge gained in earlier coursework, students will strengthen skills in ethical decision-making behavior, applying these skills in gerontology-related areas such as advocacy, professionalism, family and workplace issues. Students from a variety of professions will bring their unique perspectives to bear on topics of common interest. (on-line course offering via Distance Education).

HD FS 599. Creative Component.

Cr. arr. F.S.SS. *Prereq: 9 graduate credits in HD FS*

Nonthesis students creative component (e.g., a special report, capstone course, integrated field experience, annotated bibliography, research project, design, or other creative endeavor). A minimum of five credits of independent work is required on the programs of study (POS). Creative component format determined cooperation with the POS committee.

Courses for graduate students:**HD FS 603. Advanced Quantitative Methods.**

(3-0) Cr. 3. S. *Prereq: HD FS 503, HD FS 505; STAT 402 or STAT 404*

Methodological and analytical issues in research in human development and family studies. Advanced research design and measurement, selection of statistical techniques, and issues in the interpretation of findings.

HD FS 604. Advanced Qualitative Methods.

(3-0) Cr. 3. S. *Prereq: HD FS 504*

Research methodologies including phenomenology, grounded theory, ethnography, and case studies. Methods of data collection and analysis procedures. Issues of ethics and interpretation of findings.

HD FS 605. Multi-level Modeling.

(Cross-listed with PSYCH). (3-0) Cr. 3. Alt. F., offered 2013. *Prereq: HD FS 503 and HD FS 505 or STAT 404*

Rationale for and interpretation of random coefficient models. Strategies for the analysis of multi-level and panel data including models for random intercepts, random slopes, and growth curves. Applications including HLM, SAS, PROC MIX, and MPLUS.

HD FS 606. Advanced Structural Equation and Longitudinal Modeling.

(3-0) Cr. 3. Alt. S., offered 2014. *Prereq: HD FS 603 or STAT 404*

Rationale for and interpretation of advanced structural equation modeling for the analysis of longitudinal data. Emphasis will be placed on developing a working familiarity with some of the common statistical procedures, coupled with their application through the use of statistical software potentially including AMOS, LISREL, SAS, and MPLUS.

HD FS 607. Mixed-Methods and Observational Assessments.

(3-0) Cr. 3. Alt. S., offered 2013. *Prereq: HD FS 503, HD FS 505 and HD FS 504*

Rationale for and interpretation mixed approach designs. Strategies for the design and analysis of quantitative and qualitative research questions as well as the inclusion of observational assessments of individual and familial behaviors as well as contextual assessments.

HD FS 608. Grant Writing for Research.

(3-0) Cr. 3. Alt. F., offered 2012.SS. *Prereq: HD FS 503, HD FS 505, and HD FS 504*

Understand how to identify funding sources as well as the fundamental components of a federal research grant proposal such as the abstract or summary, background and significance, specific aims/goals and objectives, project design and methods, sustainability, assessment, broader impacts, dissemination, budget, budget justification, and cover letter. (Summer course offering is on-line via Distance Education).

HD FS 616. Seminar.

Cr. arr.

May be repeated. F.S.SS.

HD FS 631. Child Development.

(3-0) Cr. 3. Alt. F., offered 2014. *Prereq: HD FS 510*

Young children's cognitive, physical, communication, and social-emotional development, typical and atypical, will be examined. Development for children ages prenatal through age 6.

HD FS 632. Support and Interventions in Early Childhood.

(3-0) Cr. 3. Alt. S., offered 2013. *Prereq: HD FS 510*

Issues related to special learning needs of children ages 3-8. Design and implementation of group and individual intervention strategies including Positive Behavioral Interventions and Supports. Discussion of coaching strategies to improve intervention implementation.

HD FS 633. Infant Mental Health.

(3-0) Cr. 3. Alt. S., offered 2014. *Prereq: HD FS 510*

Examination of the individual, interpersonal, and familial factors that influence infant (birth through age 3) mental health. Analysis of the risk and protective factors that influence these systems and their potential effects on social-emotional development. Current issues relating to effective programs for improving parent-infant interactions and additional supports available to families.

HD FS 634. Adolescence and Emerging Adulthood.

(3-0) Cr. 3. Alt. S., offered 2014. *Prereq: HD FS 510*

Theory and research on biopsychosocial, cognitive, physical and sexual development from early adolescence to emerging adulthood. Contexts of development including families, peers, schools, neighborhoods, romantic relationships, economics and public policies are considered.

HD FS 635. Adult Development and Aging.

(3-0) Cr. 3. Alt. F., offered 2013. *Prereq: HD FS 510*

Exploration of the biological, psychological and social factors associated with aging. Although the focus is on the later years, information is presented from a life-span developmental framework. Empirical studies are reviewed and their strengths, limitations and implications for normative and optimal functioning are discussed. (on-line course offering via Distance Education).

HD FS 690. Advanced Topics.

Cr. arr. Repeatable. *Prereq: Permission of instructor and enrollment in Ph.D. program*

HD FS 690I. Advanced Topics: Human Development and Family Studies.

Cr. arr. Repeatable. *Prereq: Permission of instructor and enrollment in Ph.D. program*

HD FS 691. Internship.

Cr. arr. Repeatable. F.S.SS. *Prereq: Permission of instructor*

Supervised practice and experience in the following specified areas: Offered on a satisfactory-fail basis only.

HD FS 691A. Internship: College Teaching.

Cr. arr. Repeatable. F.S.SS. *Prereq: Permission of instructor*

Supervised practice and experience in the following specified areas: Offered on a satisfactory-fail basis only.

HD FS 691B. Internship: Research.

Cr. arr. Repeatable. F.S.SS. *Prereq: Permission of instructor*

Supervised practice and experience in the following specified areas: Offered on a satisfactory-fail basis only.

HD FS 691D. Internship: Professional Experience.

Cr. arr. Repeatable. F.S.SS. *Prereq: Permission of instructor*

Supervised practice and experience in the following specified areas: Offered on a satisfactory-fail basis only.

HD FS 699. Research.

Cr. arr. Repeatable.

Offered on a satisfactory-fail basis only.

HD FS 699I. Research: Human Development and Family Studies.

Cr. arr. Repeatable.

Offered on a satisfactory-fail basis only.