

# HUMAN DEVELOPMENT AND FAMILY STUDIES (HD FS)

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**Any experimental courses offered by HD FS can be found at:**

registrar.iastate.edu/faculty-staff/courses/explisting/ (<http://www.registrar.iastate.edu/faculty-staff/courses/explisting/>)

**Courses primarily for undergraduates:**

## **HD FS 102: Human Development**

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

Overview of life-span developmental tasks (physical, cognitive, language, social, emotional) examined from various theoretical perspectives. Discussion of topics related to family diversity, individual/family health and well-being and reciprocal relationships as affected by external factors.

## **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: New Transfer Student Seminar**

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

Introduction to HD FS curricula and faculty for students in CH FS, FCEDS or F C P. Department and University policies and procedures, degree audits, and registration. Exploration of campus resources and strategies for student success. Offered on a satisfactory-fail basis only.

## **HD FS 183: Personal Finance in Early Adulthood**

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

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 Teacher Orientation**

Cr. 1. F.S.

*Prereq: Early Childhood Education major*

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; major in Human Development and Family Studies*

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.

## **HD FS 223: Child Development and Health**

(3-0) Cr. 3. S.

Typical and atypical development of children prenatal through middle childhood. Examination of healthy development and potential impact of health issues in children. Discussion of influence of the family and society on development. Either HD FS 223 or HD FS 224, but not both, may be applied toward graduation.

## **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. Either HD FS 223 or HD FS 224, but not both, may be applied toward graduation.

## **HD FS 226: Development and Guidance in Middle Childhood**

(3-0) Cr. 3. F.

*Prereq: HD FS 102 or PSYCH 230*

Physical, cognitive, socioemotional, and identity development from 5 to 12 years of age. Development within the contexts of family, school, peers, and society. Guidance of children in family and group settings.

## **HD FS 227: Adolescence and Emerging Adulthood**

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

*Prereq: HD FS 102 or PSYCH 230*

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

## **HD FS 234: Adult Development**

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

*Prereq: HD FS 102 or PSYCH 230*

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

**HD FS 239: Consumer Issues**

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

Introduction to factors affecting consumer decisions of individuals and families, including housing, healthcare, and personal finances. Emphasis on accessibility and affordability, community contexts for families; and consumer protection, legislation and regulation, and consumer fraud.

Meets U.S. Diversity Requirement

**HD FS 240: Literature for Children**

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

Evaluation of literature for children, including an emphasis on diversity and inclusion; cultural competence. Roles of literature in the overall development of children. Literature selection and use in the home and educational settings.

**HD FS 249: Parenting and Family Diversity Issues**

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

Evidence-based, best-practice approaches to child-rearing, guidance, adult-child relationships, and parenting education programs. Theoretical perspectives related to caregiving processes across the lifespan.

**HD FS 270: Family Communications and Relationships**

(3-0) Cr. 3. F.S.Alt. SS., offered odd-numbered years.

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.

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

Meets U.S. Diversity Requirement

**HD FS 283H: Personal and Family Finance: Honors**

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

Introduction to basic principles of personal and family finance. Budgeting, record keeping, checking and savings accounts, consumer credit, insurance, investments, and taxes. Additional work required to meet Honors requirements.

Meets U.S. Diversity Requirement

**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 317B: Field Experiences: Human Development and Family Studies**

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

*Prereq: 9 credits in HD FS; Department Permission*

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.

*Prereq: Department Permission*

Consult department office for procedure. Supervised field experience in human development and family studies programs.

**HD FS 317H: Field Experiences: Honors**

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

*Prereq: 9 credits in HD FS; Department Permission*

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 Curriculum: Ages Birth through 2 Years**

(3-3) Cr. 4. F.S.

*Prereq: HD FS 224; admission to Educator Preparation 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: Income Tax Planning for Families**

(3-0) Cr. 3. F.

Practice and planning to minimize tax liability and maximize after-tax returns for individuals and families. Addresses components of the US personal income tax system including tax forms, filing status, income, exemptions, exclusions, deductions, adjustments, credits, penalties, and tax rates. The case-problem approach prepares students to plan for themselves and to advise others.

**HD FS 342: Social and Emotional Development and Child-centered Guidance in Early Childhood**

(3-0) 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. Must take HD FS 340, 343, or 344 the same semester.

**HD FS 343: Assessment and Curriculum: Ages 3 through 6 Years**

(3-3) Cr. 4. F.S.

*Prereq: HD FS 224; HD FS 240; admission to Educator Preparation 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. Learning to collaborate effectively with parents and staff. Practicum.

**HD FS 345: Inclusive Teaching and Interaction Strategies**

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

*Prereq: (HD FS 224; SP ED 250) or Permission of Instructor*

Instructional strategies, adaptations and specialized materials and equipment to meet the developmental needs of all young learners ages birth through 8 years old, especially those with diverse learning needs and multiple disabilities. Addressing inclusivity, the history of early childhood special education, and the planning and writing of individualized education plans.

**HD FS 360: Housing and Services for Families and Children**

(3-0) Cr. 3. F.

*Prereq: 6 credits from the following courses: AESHM 421; AF AM 330; AMD 165, 362, 467; AM IN 310, 215, 322; ANTHR (except 202); CJ (except 220, 332); ECON; FS HN 342; INTST 235; LING 219, 275, 471; POL S; PSYCH (except 131); SOC; WGS 201, 203, 301, 320, 327, 328, 346, 350, 385*

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.

**HD FS 367: Abuse and Illness in Families**

(3-0) Cr. 3. F.S.Alt. SS., offered even-numbered years.

*Prereq: 3 credits from the following courses: AESHM 421; AF AM 330; AMD 165, 362, 467; AM IN 310, 215, 322; ANTHR (except 202); CJ (except 220, 332); ECON; FS HN 342; INTST 235; LING 219, 275, 471; POL S; PSYCH (except 131); SOC; WGS 201, 203, 301, 320, 327, 328, 346, 350, 385*

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 369: Research Methods in Human Development and Family Studies**

(3-1) Cr. 3. F.S.

*Prereq: (HD FS 102 or PSYCH 230); Junior or Senior classification*

Understanding and evaluating research. Use of primary and secondary data to identify and study problems related to human development and family issues. An introduction to statistical concepts and data analysis. Computer laboratory experience.

**HD FS 373: Death as a Part of Living**

(Cross-listed with GERON). (3-0) Cr. 3. F.S.Alt. SS., offered even-numbered years.

*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 odd-numbered years.

Interchanges of older adults and their families. Emphasis on role changes, social interaction, and independence as influenced by health, finances, life styles, and community support.

**HD FS 378: Retirement Planning and Employee Benefits**

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

*Prereq: 3 credits in ECON, HD FS, or FIN*

Financial needs analysis for retirement, characteristics of employer-sponsored and individual retirement plans, tax implications of retirement plans, Social Security funding and benefits, strategies for meeting varying retirement needs in a diverse society, financial counseling and planning practice, and overview of employee benefits.

**HD FS 378H: Retirement Planning and Employee Benefits: Honors**

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

*Prereq: 3 credits in ECON, HD FS, or FIN*

Financial needs analysis for retirement, characteristics of employer-sponsored and individual retirement plans, tax implications of retirement plans, Social Security funding and benefits, strategies for meeting varying retirement needs in a diverse society, financial counseling and planning practice, and overview of employee benefits. Additional work required to meet Honors requirements.

**HD FS 383: Fundamentals of Financial Planning**

(3-0) Cr. 3. S.

*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 384: Family Insurance Planning**

Cr. 3. S.

*Prereq: HD FS 283*

Strategies for managing family financial risk with insurance. Emphasis on communication and planning process and the use of risk mitigation and insurance within families. Risk analysis and management within the comprehensive family financial planning process.

**HD FS 387: Applying Evidence-Based Practices in Human Services**

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

*Prereq: Junior or Senior classification*

Practicing skills required to work with individuals and families in assessment, engagement, and intervention. Applying strategies including motivational interviewing and trauma informed care.

Meets U.S. Diversity Requirement

**HD FS 395: Children, Families, and Public Policy**

(3-0) Cr. 3. F.S.Alt. SS., offered odd-numbered years.

*Prereq: HD FS 369 or Permission of Instructor*

Public policy and public service programs 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 HD FS*

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

**HD FS 417: Supervised Student Teaching**

Cr. 8. Repeatable.

*Prereq: Permission of Instructor*

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

Cr. 8. Repeatable. F.S.

*Prereq: HD FS 455; HD FS 456; minimum 2.5 cumulative GPA; admission to Educator Preparation program*

Teaching experience with preschool children with disabilities.

**HD FS 418: Professional Practice Reflection/Discussion**

Cr. 0.5-2. Repeatable. F.S.

Discussion of professional practice experience.

**HD FS 418A: Professional Practice Reflection/Discussion: Teaching**

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

*Prereq: Concurrent enrollment in HD FS 417*

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

**HD FS 418B: Professional Practice Reflection/Discussion: Internships**

(2-0) Cr. 2. F.S.

*Prereq: HD FS 218; Junior or Senior 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: Junior or Senior classification*

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: Curriculum and Interventions: Ages 3 through 6 Years**

(3-3) Cr. 4. F.S.

*Prereq: HD FS 343; HD FS 345; SP ED 405; SP ED 458*

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.

**HD FS 456: Working with Families in Early Intervention**

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

*Prereq: HD FS 340 or HD FS 344 or Permission of Instructor*

Applying family systems theory and family centered principles in early intervention. Understanding the impact of disability on families and young children. Utilizing strategies for delivering family-centered interventions and service coordination in home-based and natural environments. Building trusting relationships, teaming with families and interdisciplinary colleagues to create, implement, and evaluate Individualized Family Service Plans (IFSPs) for children birth to age three. Understanding foundations of theory and policy and empowering families through effective supports and services. Experiences with families.

**HD FS 479: Family Dynamics Through a Social and Cultural Lens**

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

*Prereq: (HD FS 102 or PSYCH 230); (HD FS 369 or Permission of Instructor); Junior or Senior classification*

Exploration of social and cultural factors that influence family dynamics. Outcomes for families examined through a social justice lens. Students will examine how their social and cultural contexts impact their work within their chosen careers.

**HD FS 482: Family Savings and Investments**

(3-0) Cr. 3. F.

*Prereq: ECON 101; HD FS 383; STAT 101*

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.

**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: Family Financial Planning**

(3-0) Cr. 3. S.

*Prereq: (FIN 361 or HD FS 384); HD FS 341; HD FS 378; HD FS 383; HD FS 482*

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 Human Services Programs**

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

*Prereq: HD FS 369; 3 additional credits in HD FS at 300 level or above; Junior or Senior classification*

Examination of purpose, policies, staffing, operations, and clientele of organizations serving children, adults and families with diverse needs. Management/leadership principles and techniques. Introduction to financial management. Administrators/supervisors roles in employee management as well as development of client-oriented programs, fundraising, goal setting, strategic planning, and advocacy.

**HD FS 489: Financial Counseling**

(Dual-listed with HD FS 589). (2-0) Cr. 2. F.

*Prereq: HD FS 489: HD FS 283, HD FS 589: 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 2 credits. F.

*Prereq: HD FS 489L: HD FS 283, HD FS 589: Graduate classification*

Hands-on financial counseling experience using preventative, remedial, and productive strategies in one-on-one and/or group situations. Students work with clients to develop diverse and inclusive decision-making and problem-solving methods to achieve goals or to remove barriers.

**HD FS 490: Independent Study**

Cr. arr. Repeatable.

*Prereq: 6 credits in HD FS; Permission of Instructor*

Consult department office for procedure.

**HD FS 490H: Independent Study: Honors**

Cr. arr. Repeatable.

*Prereq: 6 credits in HD FS; Permission of Instructor*

Consult department office for procedure.

**HD FS 490: Independent Study: Human Development and Family Studies**

Cr. arr. Repeatable.

*Prereq: 6 credits in HD FS; Permission of Instructor*

Consult department office for procedure.

**HD FS 491: Internship**

Cr. 4-9. Repeatable, maximum of 9 credits. F.S.SS.

*Prereq: HD FS 418B; Senior classification; minimum 2.0 cumulative GPA;*

*Department Permission*

Supervised work experience related to the student's curriculum. Offered on a satisfactory-fail basis only.

**HD FS 493: Workshop**

(Dual-listed with HD FS 593). Cr. arr. Repeatable. F.S.SS.

*Prereq: Senior classification*

Workshop in HD FS.

**HD FS 499: Research**

Cr. arr. Repeatable, maximum of 6 credits. F.S.SS.

*Prereq: Permission of Instructor*

Supervised research experience.

**Courses primarily for graduate students, open to qualified undergraduates:**

**HD FS 501: Graduate Studies, Research, and Ethics in HD FS**

(2-0) Cr. 2. F.

*Prereq: Admission to HD FS Graduate program*

Overview of graduate study, research, ethics, and professional development in the field of human development and family studies. Curriculum, programs of study, portfolios, faculty research interests, dissemination of research, career planning, and teaching discussed.

**HD FS 502: Professional Development in Human Development and Family Studies**

(2-0) Cr. 2. Alt. S., offered even-numbered years.

*Prereq: graduate classification; HD FS 501*

Overview of professional skills, portfolio building, preparation for academic and nonacademic jobs, leadership fundamentals and project management training, time management, work balance issues, and professional ethics. Opportunities for graduate students to work on their professional development tailored to individual needs of students. Develop an individual professional portfolio.

**HD FS 503: Introduction to Research Design**

(4-0) Cr. 4. F.

*Prereq: Permission of instructor*

Basic research skills including developing research questions, posing testable hypotheses, determining appropriate data collection and analyses, and identifying the benefits and limitations of various sampling strategies. Measurement theory, observational assessments, survey research, experimental and quasi-experimental designs, analysis of secondary data, and qualitative research methods.

**HD FS 504: Qualitative Research Methods**

(3-0) Cr. 3. S.

*Prereq: 9 credits of social sciences or permission of instructor*

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: HD FS 503 or permission of instructor*

Descriptive and inferential statistics, hypothesis testing, scales of measurement, comparisons of proportions, correlations between variables, the t distribution, analysis of variance, and multiple regression.

**HD FS 510: Theories of Human Development**

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

*Prereq: 9 credits of social sciences or permission of instructor*

Theoretical approaches and current research in child, adolescent, and adult development. Individual life span perspectives. Implications for research, policy and practice. (Summer course offering is on-line).

**HD FS 511: Family Theory**

(3-0) Cr. 3. S.

*Prereq: 9 credits in social sciences or permission of instructor*

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. Implications for research, policy and practice.

**HD FS 530: Perspectives in Gerontology**

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

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.

**HD FS 538: Developmental Disabilities**

(Cross-listed with PSYCH). (3-0) Cr. 3. Alt. F., offered odd-numbered years.

*Prereq: 9 credits in human development and family studies or psychology or permission of instructor*

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 even-numbered years.

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.

**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 even-numbered years.

*Prereq: 9 credits in social sciences or permission of instructor*

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**

(Cross-listed with 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 or permission of instructor*

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 even-numbered years.

*Prereq: 6 credits in social sciences or permission of instructor*

An introduction to policy for family researchers and practitioners. Examination of relevant policies through a family lens via discussion of theory and student interests in current and enduring family policies and programs. Descriptions of 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 even-numbered years.

*Prereq: 9 credits in social sciences or permission of instructor*

Explores research related to family stress within romantic, parent-child, and sibling relationships. Examines contemporary theory and research on the nature, causes, and consequences of family stressors. These stressors include, but are not limited to economic distress; physical and emotional abuse; substance abuse; and mental and physical illness across the life span. (on-line course offering via Distance Education).

**HD FS 568: Individual and Family Assessment**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: HD FS 510 or permission of instructor*

Use of interviews, observational assessments, direct tests with individuals and families for research and intervention. Opportunities to practice assessments.

**HD FS 575: Cross-cultural Perspectives about Families and Children**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: 6 credits in social sciences or permission of instructor*

Review of current research regarding family diversity including an examination of cultural and structural influences on the development and well-being of families and children. Discussion of the impact on human rights and social justice. (on-line course offering via Distance Education).

**HD FS 577: Aging in the Family Setting**

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

*Prereq: 9 credits in social sciences or permission of instructor*

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.

**HD FS 579: Family Well-being Across the Lifespan**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: 9 credits in social sciences or permission of instructor*

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. (on-line course offering via Distance Education).

**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.

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.

**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.

**HD FS 585: Program Evaluation**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: 6 credits in graduate level social sciences or permission of instructor*

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

**HD FS 588: Family, Income, and the Economy**

(3-0) Cr. 3. Alt. F., offered odd-numbered years.

*Prereq: 9 credits in social sciences or permission of instructor*

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). (2-0) Cr. 2. F.

*Prereq: HD FS 489: HD FS 283, HD FS 589: 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 2 credits. F.

*Prereq: HD FS 489L: HD FS 283, HD FS 589: Graduate classification*

Hands-on financial counseling experience using preventative, remedial, and productive strategies in one-on-one and/or group situations. Students work with clients to develop diverse and inclusive decision-making and problem-solving methods to achieve goals or to remove barriers.

**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 590R: Special Topics**

Cr. arr. Repeatable. F.S.SS.

*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**

(Dual-listed with HD FS 493). Cr. arr. Repeatable. F.S.SS.

*Prereq: Senior classification*

Workshop in HD FS.

**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.

**HD FS 599: Creative Component**

Cr. arr. F.S.SS.

*Prereq: 9 graduate credits in HD FS*

Nonthesis creative component (e.g., a special report, capstone course, integrated field experience, annotated bibliography, research project, design, or other creative endeavor).

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

(3-0) Cr. 3. F.

*Prereq: HD FS 503, HD FS 505; STAT 402 or STAT 404 or permission of instructor*

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. Alt. S., offered even-numbered years.

*Prereq: HD FS 504 or permission of instructor*

Research methodologies including phenomenology, grounded theory, ethnography, and case studies. Methods of data collection and analysis procedures. Issues of ethics and interpretation of findings. (on-line course offering via Distance Education).

**HD FS 605: Multi-level Modeling**

(Cross-listed with PSYCH). (3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: HD FS 503 and HD FS 505 or STAT 404 or permission of instructor*

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.

**HD FS 606: Advanced Structural Equation and Longitudinal Modeling**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: HD FS 603 or STAT 404 or permission of instructor*

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.

**HD FS 607: Mixed Methods**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: HD FS 503, HD FS 504, HD FS 505, or permission of instructor*

Foundations of mixed methods research, controversies, and philosophical concerns. Rationale for and interpretation of mixed methods designs. Research design, sampling, data collection, data analysis, results, and interpretation. (on-line course offering via Distance Education).

**HD FS 608: Grant Writing for Research**

(3-0) Cr. 3. F.

*Prereq: HD FS 503, HD FS 505, and HD FS 504 or permission of instructor*

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.

**HD FS 616: Seminar**

Cr. arr.

May be repeated. F.S.SS.

**HD FS 631: Child Health and Development**

(3-0) Cr. 3. Alt. F., offered even-numbered years.

*Prereq: HD FS 510 or permission of instructor*

Young children's cognitive, physical, communication, and social-emotional health and development will be examined. Both typical and atypical trajectories will be explored. Research on current trends in the field will be emphasized.(on-line course offering via Distance Education).

**HD FS 632: Behavioral Interventions in Early Childhood**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: HD FS 510 or permission of instructor*

Issues related to behavioral development and needs of children ages 3-8. Design and implementation of group and individual behavioral interventions. Discussion of coaching strategies to improve intervention implementation. (on-line course offering via Distance Education).

**HD FS 633: Infant Mental Health**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: HD FS 510 or permission of instructor*

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.(on-line course offering via Distance Education).

**HD FS 634: Adolescent and Emerging Adult Health and Development**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: HD FS 510 or permission of instructor*

Theory and research on biopsychosocial, cognitive, physical and sexual health and development from early adolescence to emerging adulthood. Contexts of development including families, peers, schools, neighborhoods, romantic relationships, economics and public policies are considered.(on-line course offering via Distance Education).

**HD FS 635: Adult Development, Aging, and Health**

(Cross-listed with GERON). (3-0) Cr. 3. Alt. F., offered odd-numbered years.

*Prereq: HD FS 510 or permission of instructor*

Review of the impact of the growing older adult population as well as individual development and aging on individuals, families, and society. Exploration of theoretical perspectives applied to adult development and aging and distinction of normative and non-normative changes in adulthood. Discussion of methods to assess development across adulthood and consideration of the role of individual and environmental factors impacting efforts to optimize adult development.

**HD FS 640: Biomarkers and Family Research**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: HD FS 510 or permission of instructor.*

Research on the biological underpinnings of human development and the biobehavioral health of the family. Exposure to interdisciplinary research and practice on biomarkers in the family, with particular emphasis on health-and well being-related measures. Application of biomarker collection, measurement, analysis and dissemination.

**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 college-level teaching. 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 conducting research. 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 relevant professional experiences. Offered on a satisfactory-fail basis only.

**HD FS 699: Research**

Cr. arr. Repeatable.

Thesis and dissertation research. Offered on a satisfactory-fail basis only.

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

Cr. arr. Repeatable.

Thesis and dissertation research. Offered on a satisfactory-fail basis only.