The mission of the Department of Family Sciences is to prepare educators and leaders who respect differences, celebrate diversity, and promote social justice, and to foster the education of educators, family scientists, and leaders who make significant and valued contributions to the quality of living, learning, and leadership in communities, schools and related human development contexts.

The department is dedicated to enriching the initial and continuing professional development of educators and family scientists fostering excellence in teaching, family and community services and leadership, promoting critical inquiry through scholarship, research and other creative activities, engaging in collaborative activities that further human development and family relationships and networks, and providing service to individuals, families, communities and outreach.

**Graduate Degrees Offered**

- **M.S. in Child Development** (http://catalog.twu.edu/graduate/professional-education/family-sciences/child-development-ms) The master's degree in Child Development prepares students for advanced careers working with children and families in various educational and community settings. The program is offered up to 100% online.

- **M.Ed. in Early Childhood Education** (http://catalog.twu.edu/graduate/professional-education/family-sciences/early-childhood-education-med) The master's degree in Early Childhood Education provides professional preparation for early childhood teachers and prepares students for advanced careers in various educational settings. The program is offered up to 100% online.

- **M.S. in Child Life** (http://catalog.twu.edu/graduate/professional-education/family-sciences/child-life-ms) The master's degree in Child Life prepares students for careers in both healthcare and community settings. Students who complete the academic and clinical requirements are eligible to pursue certification as Child Life Specialists. The program is offered fully online.

- **M.S. in Family Studies** (http://catalog.twu.edu/graduate/professional-education/family-sciences/family-studies-ms) The master's degree in Family Studies prepares students for advanced careers working with individuals and families, including human services, social services, and parent or family life education. The program is offered up to 100% online.

- **M.S. in Counseling and Development** (http://catalog.twu.edu/graduate/professional-education/family-sciences/counseling-development-ms) The master's degree in Counseling and Development prepares students for careers in clinical mental health counseling or school counseling. Students who complete the academic and clinical requirements are eligible to pursue licensure as Licensed Professional Counselor or certification as a School Counselor.

- **M.S. in Family Therapy** (http://catalog.twu.edu/graduate/professional-education/family-sciences/family-therapy-ms) The master's degree in Family Therapy prepares students for careers in marriage and family therapy. The program provides the academic requirements to pursue licensure as a Licensed Marriage and Family Therapist.

- **Ph.D. in Family Therapy** (http://catalog.twu.edu/graduate/professional-education/family-sciences/family-therapy-phd) The doctoral program in Family Therapy prepares students for advanced career options in family therapy, including clinical work, supervision, research, and higher education.

Accreditation and Program Approvals

The M.S. in Counseling and Development is accredited by the Council for Accreditation of Counseling and Related Educational Programs (http://www.cacrep.org) (CACREP).

The M.S. in Family Therapy and the Ph.D. in Family Therapy are accredited by the Commission on Accreditation for Marriage and Family Therapy Education (https://www.coamfte.org) (COAMFTE).

The M.S. in Family Studies, M.S. in Child Development, M.Ed. in Early Childhood Education, M.S. in Family Therapy, Ph.D. in Family Studies, Ph.D. in Early Child Development and Education, and Ph.D. in Family Therapy have all been approved by the National Council on Family Relations (https://www.ncfr.org) (NCFR) as meeting the standards and criteria required for the provisional Certified Family Life Educator (https://www.ncfr.org/cfle-certification) (CFLE) designation. Students should consult with their advisor for information about specific course work requirements.

**Certificates**

**School Counseling**

- Post-Master's Certificate in School Counseling (http://catalog.twu.edu/graduate/professional-education/family-sciences/post-masters-certificate-school-counseling)

**Family and Consumer Sciences Education**

Three Post-Baccalaureate teacher certification options are available:
Students who wish to be certified to teach Family and Consumer Sciences should contact the Department of Family Sciences (http://www.twu.edu/family-sciences) for additional information.

**Faculty**

*ARMSTRONG, JOYCE*, Professor of Family Sciences, B.S., East Texas State University; M.Ed., East Texas State University; Ph.D., Texas Woman's University

*BROCK, LINDA J.*, Associate Professor of Family Sciences, B.B.A., University of North Texas; M.S., Texas Woman's University; Ph.D., Texas Woman's University

*BROWN, MELISSA MCINNIS*, Assistant Professor of Family Sciences, B.A., University of Texas at Austin; M.A., University of Alabama, Tuscaloosa; PhD. University of Alabama, Tuscaloosa

*BUCKLEY, RHONDA R.*, Associate Professor of Family Sciences, B.A., Auburn University; M.A., Auburn University; Ph.D., Auburn University

*DUTTON, CATHERINE L.*, Assistant Professor of Family Sciences, B.A., Utah State University; M.A.T., Texas Woman’s University; Ph.D., Texas Woman's University

*GILLUM, NERISSA LEBLANC*, Professor of Family Sciences, B.S., Ambassador University; M.S., University of North Texas; Ph.D., University of North Carolina, Greensboro

*GRUBBS, LISA G.*, Assistant Professor of Family Sciences, B.S., University of North Texas; M.S., Texas Woman's University; Ph.D., Sam Houston State University

*HANSEN-THOMAS, HOLLY*, Professor of Teacher Education; Associate Dean for Research in the College of Professional Education; Chair of the Department of Family Sciences, B.A., University of Texas at Austin; M.A., University of Texas at San Antonio; Ph.D., University of Texas at San Antonio

*HUEY, ERRON*, Assistant Professor of Family Sciences, B.A., Harding University; M.S., Oklahoma State University; Ph.D., Oklahoma State University

*HUFFMAN, LISA*, Professor of Family Sciences; Dean of the College of Professional Education, B.A., Purdue University; M.A., University of Alabama at Birmingham; Ph.D., University of Alabama at Birmingham

*HWANG, SHANN HWA*, Professor of Family Sciences, B.A., Malone College; M.A., Ashland University; Ph.D., University of Tennessee, Knoxville

*JOHNSON, RUTH A.*, Associate Dean of the Graduate School, B.S., Northern State University; M.S., Iowa State University; Ph.D., Iowa State University

*LADD, LINDA*, Professor of Family Sciences, B.A., Portland State University; M.S., Portland State University; Ph.D., Oregon State University; Psy.D., Pacific University

*LISENBE, PEGGY*, Assistant Professor of Family Sciences, B.S., Oklahoma State University; M.S., University of Missouri: Columbia; Ph.D., Oklahoma State University

*MARTIN, JENNIFER L.*, Professor of Family Sciences; Executive Vice Provost, B.A., Lamar University; M.S., Lamar University; Ph.D., Texas Woman's University

*MCARROLL, ELIZABETH M.*, Professor of Family Sciences, B.S., University of Texas at Austin; M.S., Texas Tech University; Ph.D., Texas Tech University

*MOORE, LIN*, Professor of Family Sciences, B.S., Texas Woman’s University; M.S., Texas Woman's University; Ph.D., Texas Woman's University

*MURO, JOEL*, Professor of Family Sciences, B.A., Austin College; M.J., University of North Texas; Ph.D., University of North Texas

*MURO, LILIA LAMAR*, Associate Professor of Family Sciences, B.A., University of Texas at San Antonio; M.A., Southwest Texas State University; Ph.D., University of North Texas

*NORTON, AARON*, Assistant Professor of Family Sciences, B.S., University of Utah; M.S., Kansas State University; Ph.D., Kansas State University

*ROSE, KATHERINE K.*, Professor of Family Sciences, B.S., Baylor University; M.S., Purdue University; M.S., University of North Texas; Ph.D., Purdue University

*SNIDER, SHARLA L.*, Professor of Family Sciences, B.S., University of North Texas; M.A., Texas Woman's University; Ph.D., Texas Woman's University

*VITTRUP, BIRGITTE M.*, Professor of Family Sciences, B.A., Texas State University; B.S., University of Texas at Austin; M.A., University of Texas at Austin; Ph.D., University of Texas at Austin

*WEBSTER, LINDSAY*, Visiting Assistant Professor of Family Sciences, B.S., University of Texas at Austin; M.S., Texas Woman's University; Ph.D., University of North Texas

**Courses**

**Courses**

**FS 5003. Lifespan Human Development.** Examination of similarities and differences in conceptions of behavior throughout the lifespan; emphasis on individual development in the context of the family; includes 15 hours directed observation. Three lecture hours a week. Credit: Three hours.

**FS 5013. Grief, Loss, and Bereavement.** Research-based focus on the macro- and micro-systemic interactions in families dealing with death, loss, and bereavement from a developmental perspective. Special focus on different types of loss such as the death of a child, the death of a sibling, traumatic injury and death, sudden loss, and anticipated loss, as well as loss of a parent due to deployment, death, or divorce. Interventions and strategies used by child developmentists and child life specialists to assist children, adolescents, and family members with dealing with active dying, anticipated loss, sudden loss, grief, and bereavement; ethical issues such as euthanasia, DNR orders, and withdrawal of life support. Three lecture hours a week. Credit: Three Hours.
FS 5023. Family Sexuality. Concepts of developmental sexuality, including sex education within the family. Three lecture hours a week. Credit: Three hours.

FS 5033. Foundations of School Counseling. Skills for development of a comprehensive developmental school counseling program based on state and national standards for school counseling programs including program development, program assessment, data management, and professional development. Co-requisite: FS 5043. Three lecture hours a week. Credit: Three hours.

FS 5043. Critical Issues in School Counseling. Skills necessary for development of a comprehensive developmental school counseling program based on national standards including support of diverse populations, crisis intervention, service delivery, program advocacy, collaboration, consultation, and team building. Co-requisite: FS 5033. Three lecture hours a week. Credit: Three hours.

FS 5053. Applied Skills in School Counseling. Skills necessary for development of a comprehensive developmental school counseling program based on national standards for school counseling programs, including program assessment, student services, collaboration, consultation, and team building. Prerequisites: FS 5033 and FS 5043. Three lecture hours a week. Credit: Three hours.

FS 5063. Developmental and Psychosocial Perspectives on Health, Illness, and Families. Macro- and micro-systemic interactions in individuals and families dealing with health/illness issues and mental/physical health care systems from developmental and psychosocial perspectives. Special focus on chronic and terminal illnesses faced by children and related issues including diversity. Interventions and strategies used by child developmentalists and child life specialists to assist children and family members in dealing with health-related issues and/or the health care system. Ethical issues such as HIPPA regulations and family members as health caregivers. Three lecture hours a week. Credit: Three hours.

FS 5073. Professional Practice and Ethics for Working With Children and Families. Major issues for professionals working with children, adolescents, and families in a variety of settings (health care, advocacy, ECI, etc.) Emphasis on legal and ethical standards, professional identity, and professional boundaries. Three lecture hours a week. Credit: Three hours.

FS 5083. Counseling an Aging Population. Examination of the major developmental issues experienced by older adults for which they might seek counseling. Assessment, diagnosis, and treatment planning for older adults considered through a multicultural framework. Review of counseling interventions for typical problems experienced by older adults from a biopsychosocial framework, including the role of advocacy and social justice in considering the politics of aging. Three lecture hours a week. Credit: Three hours.

FS 5093. Child Life Practicum. Professional supervised experience working with children and their families in an ACLP approved Child Life program, under the direct supervision of a Certified Child Life Specialist. Individual conferences and hours of work are to be arranged between the student and instructor. 150 practicum hours per semester: hours per week vary by hospital/hospice/institution. Credit: Three hours.

FS 5103. Families as Consumers. Family decision-making, values, and goals; analysis of current consumer trends and issues impacting the family; strategies for consumer education and advocacy. Three lecture hours a week. Credit: Three hours.

FS 5113. Theories of Child Development. Focus on theoretical concepts of development in the areas of cognition, language, personality growth, educational theory, and social-cultural perspectives. Three lecture hours a week. Credit: Three hours.

FS 5123. Theories of the Family. Theoretical and functional approach to the family; the nature and functions of the family; its relationship to institutions, culture, and the individual. Three lecture hours a week. Credit: Three hours.

FS 5143. Addiction Counseling. Introduction to the assessment, theories, and treatment of dependency. Emphasis on effects of drug and alcohol abuse on individuals and families, the recovery process, and basic concepts and techniques of treatment and rehabilitation. Three lecture hours a week. Credit: Three hours.

FS 5153. Family Changes and Diversity. Comprehensive synthesis of current research and theories related to cultural, economic, and structural variations in families; examination of family resilience in response to change. Three lecture hours a week. Credit: Three hours.

FS 5163. Play Therapy. Philosophy and basic assumptions about functions of play for children, major theories, and approaches to play therapy; observation and didactic work with children in play therapy. Three lecture hours a week. Credit: Three hours.

FS 5173. Abnormal Behavior: Crisis Impacts and Treatments. Crisis theory and intervention strategies; special emphasis on suicidology, natural and man-made disasters, and crisis management in the schools; Impacts of crisis on mental health. Three lecture hours a week. Credit: Three hours.

FS 5183. Grief and Bereavement. Death and bereavement from a social, psychological, biological, and physiological perspective; special types of loss such as death of a child, miscarriage, and bereavement by suicide; therapeutic interventions and strategies linked to the grieving process; ethical issues such as euthanasia, DNR orders, and withdrawal of life support. Three lecture hours a week. Credit: Three hours.

FS 5193. Statistics for Family Sciences. Introduction to graduate level statistics relevant to the family sciences, with an emphasis on both descriptive and inferential statistics, including correlation, regression, t-test, and ANOVA. Emphasis on statistical concepts rather than mathematical computations, including what is the most appropriate statistical test to use depending upon the specific research question examined. Combination of social science research design, methodology, and statistics to foster greater appreciation of research and statistics in general. Three lecture hours a week. Credit: Three hours.

FS 5203. Language and Literacy in Early Childhood. In-depth study of language and literacy for ages birth through eight, including strategies for promoting early literacy development at home and at school. Three lecture hours a week. Credit: Three hours.

FS 5213. Curriculum Development in Early Childhood. In-depth study of basic principles underlying curriculum construction and innovative instructional practices for ages birth to eight; emphasis on research related to organization and sequential arrangement of materials. Observations/Field Experience: Fifteen clock hours. Three lecture hours a week. Credit: Three hours.

FS 5221. Seminar in Family Sciences. Review of current research strategies and findings in relevant literature. Variable topics. May be repeated for five additional hours of credit. One seminar hour a week. Credit: One hour.

FS 5233. Communication in Marriage and Family. Personal growth and professional development through the examination of effective communication in marriage and family. Presentation of various theories and techniques of communication to demonstrate diverse patterns of verbal and nonverbal communication within the family unit. Three lecture hours a week. Credit: Three hours.

FS 5243. Adolescents Development Within the Family. Exploration of physical, social, cognitive, and behavioral development in all stages of adolescence (preadolescence, early adolescence, and late adolescence), ages 9-21, in the context of the family. Three lecture hours a week. Credit: Three hours.

FS 5253. Gender Role Development. Development of male and female roles across the life cycle. Familial, parental, filial, and school influences. Implications for teachers, parents, administrators, and counselors. Three lecture hours a week. Credit: Three hours.

FS 5263. Observation and Assessment in Early Childhood. Designed to provide a comprehensive knowledge base concerning assessment of young children. Areas of emphasis include development of skills in selection; use and interpretation of developmentally appropriate formal, informal, and holistic instruments and procedures; measurement terms and principles; procedures and legal requirements for record keeping; use of technology in assessment; and managing an assessment team. Observation/Field experience: Fifteen clock hours. Three lecture hours a week. Credit: Three hours.

FS 5283. Science, Technology, Engineering, Art and Math (STEAM) in Early Childhood Education. Examination of research, techniques, and strategies useful for teachers and parents in supporting young learners in the understanding of STEAM (science, technology, engineering, the arts, and mathematics) approaches to learning. Design and integration of the five curricular areas and the importance of home/school connections and policy from an ecological perspective. Three lecture hours a week. Credit: Three hours.

FS 5293. Advanced Play Therapy. Theories and Applications. Theories, techniques/methods, applications to special settings or populations, ethics, and professional responsibilities. Includes conference attendance and clinical experience in play therapy. Prerequisite: FS 5163 or equivalent. Three lecture hours a week. Credit: Three hours.

FS 5303. Professional Orientation and Ethics in Counseling. Introduction to the counseling profession and ethics. Examines the characteristics of the effective counselor and the parameters of counseling in a variety of settings, including schools and agencies. Prerequisite: Permission of the instructor. Three lecture hours a week. Credit: Three hours.


FS 5323. Psychological Appraisal of the Individual. Nature and status of psychological testing; in-depth investigation of characteristics and structure of intelligence, achievement, and personality measuring techniques; actual practice in selection, administration, and interpretation of standardized tests. Prerequisite: FS 5303 or permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 5333. Clinical Diagnosis and Treatment Planning for Counselors. Assessment, diagnosis, and treatment of mental health disorders by counselors and therapists. Includes personality disorders and disorders of behavior; impulse control, mood, and anxiety, or loss of contact with reality. Application of the APA Diagnostic and Statistical Manual of Mental Disorders and its use in treatment planning. Three lecture hours a week. Credit: Three hours.

FS 5363. Practicum. Experiential learning and practice of skills, qualities, and decision-making capabilities integrated in the effective intentional counselor. Practice of the techniques of counseling is performed under supervision. Prerequisites: FS 5303 and FS 5313 for Counseling and Development students; FS 6233, FS 5563, and FS 5553 for Family Therapy students; and permission of the instructor. Ten practicum hours a week. Credit: Three hours.

FS 5364. Practicum in Counseling and Development. Professional supervised experience in counseling individuals and groups; supervision of live or videotaped sessions. Prerequisites: FS 5363 and permission of the instructor. Thirteen practicum hours a week. Credit: Four hours.

FS 5373. Group Counseling Procedures. A study of theories, techniques, and procedures in group counseling; development of skills to counsel small groups and conduct developmental group guidance activities in educational settings. Prerequisites: FS 5303, FS 5313, and FS 5363; or permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 5383. Counseling Children and Adolescents. Current theories for counseling children and adolescents; emphasis on practical experiences. Prerequisites: Six graduate hours in counseling, psychology, or family sciences; and permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 5403. Child Life. Mission, goals, and values of the Child Life profession; children and the health care environment; developmentally appropriate practice in a health care setting. Three lecture hours a week. Credit: Three hours.

FS 5413. Leadership, Advocacy and Public Policy for Young Children. Review of research on early childhood education and public policy affecting families, content knowledge, developmentally appropriate practices, and child development. Focus on leadership, ethics, advocacy, and professionalism. Three lecture hours a week. Credit: Three hours.

FS 5433. Brain-Based Learning for the Young Child. Emerging research, theories of brain development, physiological and social effects on learning, metacognition, problem-solving, and neuroscientific patterns affecting learning such as motivation, rewards, attention, and memory incorporated into strategies to inform educational practices within school and home settings. Three lecture hours a week. Credit: Three hours.

FS 5443. Multicultural Counseling. Techniques for counseling minorities. Special consideration is given to counseling needs of Black Americans and Hispanic Americans. Three lecture hours a week. Credit: Three hours.

FS 5453. Counseling for Career Development. Theories, techniques, and procedures for counseling with a focus on career and educational decisions. Three lecture hours a week. Credit: Three hours.

FS 5483. Expressive Arts in Counseling. Overview of expressive forms of counseling. Exploration of creative approaches to differing techniques in counseling. Combination of didactic and experiential learning. Three lecture hours a week. Credit: Three hours.
FS 5493. Clinical Mental Health Counseling: Ethics, Law, and Practice. Examination of the historical development, current status and functions of the counseling profession as practiced in a variety of clinical and human service settings. Emphasis is placed on the role of the counselor, records management, business/family law, and the study of current board rule as applied in community mental health agencies and professional practice settings. Three lecture hours a week. Credit: Three hours.

FS 5503. Family Systems in Child Development. Introduction to the systems approach to the family as a social system. Integration of parental, sibling, and child subsystems and external societal influences. Emphasis on current research and theory. Three lecture hours a week. Credit: Three hours.

FS 5513. Practicum in Family Therapy. Practical application of therapeutic skills in providing model-focused couple and family therapy treatment through reflecting teams and co-therapy. Safety and risk management within crisis situations. Documentation of treatment progress and safety planning. Preparation for entering into internship. Prerequisite: FS 5543. Co-requisite: FS 5863. Completed practicum hours contribute to the total 500 required hours during the M.S. in Family Therapy program. Credit: Three hours.

FS 5533. Parenting Education. Examination of parent education methodology (planning, implementation, and evaluation) and content (parent/child relations, guidance, parenting stages, issues, and context). Exploration of related programs and agencies, historical context, and ethical issues. Three lecture hours a week. Credit: Three hours.

FS 5544. Internship in Family Therapy. Professional, supervised experience in counseling families, couples, and individuals; clinical supervision of live or video recorded sessions, 100 face-to-face clinical hours per semester. To be taken three consecutive semesters. Prerequisites: FS 5353, FS 5363, FS 5553, FS 5563, FS 5563, FS 5563, FS 5863, FS 5883, FS 5883, and permission of the instructor. Ten practicum hours a week. Credit: Three hours.

FS 5553. Principles of Couple Therapy. Child problems as an avenue to couple therapy, premarital counseling, relationship assessment, emotional and relationship difficulties of the family. Prerequisite: Permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 5563. Foundations of Family Therapy Theory. Basic techniques for family therapy; theoretical basis for the techniques used; application of counseling principles to family situations; child problems as an avenue to family therapy; the family as a unit for therapy. Three lecture hours a week. Credit: Three hours.

FS 5573. Family Crises. Stresses on family systems with emphasis on coping and adaptation strategies. Three lecture hours a week. Credit: Three hours.

FS 5583. Action Research in the Early Childhood Classroom. Practical approaches to research and evaluation theory and practice with a focus on schools and early childhood classrooms. Action research methodologies as a resource for classroom teachers to examine teaching in context and to better understand research-based strategies for improving teaching practices and learning. Three lecture hours a week. Credit: Three hours.

FS 5593. Play, Development, and the Young Learner. Investigation of play as the cornerstone of the young child's environment and as a foundation for curriculum development. Observation of children's play as well as theoretical applications of observations will be examined. Three lecture and one laboratory hour a week. Credit: Three hours.

FS 5603. Aging in Families and Society. Issues and implications of aging for families and society. Focus on research and policy. Three lecture hours a week. Credit: Three hours.


FS 5643. The Development of Infants and Toddlers. Development of the child during the first 24 months of life; special emphasis placed on the active interchange that occurs between infants, toddlers, and the environments in which they develop; programming designed to serve infants, toddlers, and their families included. Three lecture hours a week. Credit: Three hours.

FS 5663. Leadership and Staff Development in Family Sciences Programs. Examination of styles of leadership, communication skills, supervision and motivation of Staff, Staff development activities, and administration of organized services and programs; emphasis on the facilitation of change. Three lecture hours a week. Credit: Three hours.

FS 5673. School, Family, and Cultural Diversity: Community Connections. Techniques and strategies for developing and implementing programs in early childhood settings including incorporation of community resources and partnerships. Investigation, critique, and reflection on how school, family, community and cultural diversity affect ethical decision-making by early childhood teachers. Three lecture hours a week. Credit: Three hours.

FS 5803. Time Management for Families. Principles of time management for families; family time; impact of time on families. Three lecture hours a week. Credit: Three hours.

FS 5813. Women and Minority Issues in Sex and Family Therapy. Systemic treatment of women and minorities from diverse, multicultural, international, and/or under-served communities in sex and family therapy. Anti-racist practices, diversity, gender, power, privilege, and oppression as they relate to race, age, ethnicity, sexual orientation, gender identity, socioeconomic status, disability, health status, religious and/or spiritual beliefs, nation of origin and other topics relevant to the practice of family therapy. Three lecture hours a week. Credit: Three hours.

FS 5823. Families and Public Policy. Application of the family perspective to the policy process; research-based formulation and evaluation of public policy; analysis of policy impact on families; advocacy roles of family sciences professionals. Three lecture hours a week. Credit: Three hours.

FS 5833. Family Economics. Economic, sociological, psychological, and cultural factors affecting consumer behavior. Three lecture hours a week. Credit: Three hours.
FS 5843. Teaching Family Sciences. Theories and techniques of program planning, instruction, and evaluation in family sciences settings; emphasis on needs assessment and curriculum development. Three lecture hours a week. Credit: Three hours.

FS 5853. Family Systems. A fundamental introduction to the systems approach to intervention which integrates information regarding the marital, sibling, and individual subsystems, as well as the family of origin and external societal influences. Three lecture hours a week. Credit: Three hours.

FS 5863. Issues and Ethics in Professional Development. Major issues for professionals in family therapy; emphasis on legal and ethical standards, professional identity, and private practice issues; examination of the legal/therapeutic interface as it directly impacts practice. Three lecture hours a week. Credit: Three hours.

FS 5973. Professional Paper. Development and implementation of individual project designed to meet unresolved problem in an area of interest. Presentation and defense of project. May be repeated (Limit six hours of credit toward degree.) Credit: Three hours.

FS 5981. The Professional Portfolio. Development of a professional portfolio by students in the Master of Arts in Teaching program demonstrating the student's growth in the Learner-Centered Competencies. Pass-fail grade only. May be repeated. Credit: One hour.


FS 5993. Thesis. Prerequisite: FS 5983. Credit: Three hours.

FS 6003. Advanced Study of the Lifespan. The developmental process as it occurs during the life cycle and implications for the family; relationship of the developmental process to relevant issues in family sciences. Three lecture hours a week. Credit: Three hours.

FS 6193. Advanced Statistics for Family Sciences. Advanced inferential statistics, focusing on statistical methods for social science research. Overview of parametric assumptions, effect sizes and statistical power analysis, how to write and use syntax for statistical analysis, and identification of proper analysis strategies. Covers advanced statistical analyses including analysis of variance and covariance, linear and logistic regression, mediation and moderation analysis. Statistical analyses will be conducted in SPSS. Prerequisite: FS 5193 or equivalent master's level statistics course. Three lecture hours a week. Credit: Three hours.

FS 6203. Frameworks and Ethics for Qualitative Research in Family Sciences. Qualitative research genres specific to Family Sciences disciplines. Research design, data collection, analysis, and writing related to Family Sciences research literature. Strategies for evaluating, critiquing, and conducting research on Family Sciences topics through appropriate qualitative methods. Responsible research and professional ethics including the Institutional Review Board process. Practice with hands-on research strategies in Family Sciences disciplines. Three lecture hours a week. Credit: Three hours.

FS 6243. Advanced Applications of Family Therapy to Contemporary Challenges. Study and development of advanced relational and systemic applications of couple and family therapy interventions to contemporary challenges; applications of ethics and diversity to interventions; dissemination of innovations to the field of marriage and family therapy. Prerequisite: Permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 6253. Supervision in Family Therapy. Techniques in family therapy supervision, including both didactic and interactional components. Prerequisite: Permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 6303. Academic Life and Scholarship. University operations including admissions, recruitment, university development, and funding sources; teaching, research, and service; student characteristics and learning styles; university tenure and promotion issues; professional identity; the doctoral process; and becoming a social scientist in higher education, all with an emphasis on higher education culture from the perspective of a professor. Prerequisite: Doctoral student classification. Three lecture hours a week. Credit: Three hours.

FS 6343. Effective College Teaching Methods. Methods of teaching college level courses; course design and delivery; syllabus and rubric development; assignments and assessments; test construction; principles and best practices for teaching online and in the classroom. Open to all majors. Three lecture hours a week. Credit: Three hours.
FS 6403. Theory Building in Family Sciences. Foundational elements of theories and models of theories in family sciences; the relationship between theories, models, concepts, and the design and implementation of research in family sciences. Three lecture hours a week. Credit: Three hours.

FS 6433. Grants Writing in Family Sciences. Study of available funding sources for human services programs; developing skills for requesting funds for an organization or agency; review and evaluation procedures. Three lecture hours a week. Credit: Three hours.

FS 6443. Research and Issues in Family Sciences. Critical review of current and classical research related to important issues in the family sciences, including child development, early childhood education, family studies, and family therapy. Emphasis on conceptual and theoretical frameworks in guiding family science research. Prerequisites: FS 5003 or equivalent; and FS 5113, FS 5123, or equivalent. Three seminar hours a week. Credit: Three hours.

FS 6513. Language and Cognitive Development in Young Children. Origins and development of language; cognition as a function of language, stages, and environment; interrelationships of language and cognitive development. Three lecture hours a week. Credit: Three hours.

FS 6563. Family Therapy II. Deconstruction of marriage and family therapy theory; demonstration of advanced understanding of multiple marriage and family therapy models; development of integrated family therapy theories reflective of research and diversity; dissemination of knowledge to the field of marriage and family therapy. Prerequisite: Permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 6593. Practicum in Family Sciences. Professional supervised experience in working directly with children, families, or consumers in selected business, institution, or agency appropriate for Family Sciences. Job assignment based on student interests, skills, and degree program. Individual conferences and work hours to be arranged. Twelve practicum hours a week. Credit: Three hours.

FS 6623. Social and Cultural Dimensions of Early Language Development. Analysis of psycholinguistic and sociolinguistic research in early childhood language development; determination of patterns of language use in early childhood classes focused on the understanding of the literacy processes embedded in social practices; methods for continuing language growth in the classroom based on the demonstrated processes of language development. Three lecture hours a week. Credit: Three hours.

FS 6653. Seminar in Developmental Theory. An analysis and integration of theories and research on development in the early childhood and middle school years. Three lecture hours a week. Credit: Three hours.

FS 6663. Foundations of Early Childhood Education. Historical, philosophical, sociological, physical, and psychological bases for understanding and implementing programs of early childhood education. Prerequisite: Six hours of child development or permission of instructor. Three lecture hours a week. Credit: Three hours.

FS 6673. Advanced Seminar in Early Childhood Education. Analysis of current research, practices, and related theories in early childhood education. Prerequisite: FS 5693 or equivalent. Three seminar hours a week. Credit: Three hours.

FS 6693. Advanced Quantitative Research Methods In Family Sciences. Advanced quantitative research design and its application in family sciences; analysis and evaluation of quantitative research; data interpretation; emphasis on hypotheses, variables, ethics, instrumentation, sampling, reliability, and validity; preparation of a quantitative research plan. Prerequisites: A master's level research methods course and a graduate-level statistics course. Three lecture hours a week. Credit: Three hours.

FS 6793. Advanced Qualitative Research Methods In Family Sciences. Advanced qualitative research design, analysis, and application in Family Sciences; analysis and evaluation of qualitative research literature; emphasis on data analysis, interpretation, and reporting. Prerequisite: FS 6203 or its equivalent. Three lecture hours a week. Credit: Three hours.

FS 6863. Family Financial Counseling. Examination of relationship between financial needs and family dynamics. Develop skills in assisting families with financial problems through family education and counseling. Three lecture hours a week. Credit: Three hours.

FS 6893. Multivariate Statistics. Multivariate statistical procedures, including multivariate analysis of variance and covariance, multivariate regression, discriminant function analysis, factor analysis, and introduction to structural equation modeling and multilevel linear modeling. Prerequisites: FS 5193 or equivalent, FS 6193 or equivalent, and familiarity with SPSS. Three lecture hours a week. Credit: Three hours.

FS 6903. Special Topics. Three lecture hours a week. Credit: Three hours.

FS 6911. Independent Study. Intensive study of a problem of individual or professional interest in family sciences. Credit: One hour.

FS 6913. Independent Study. Intensive study of a problem of individual or professional interest in family sciences. Credit: Three hours.


FS 6941. Resources in Family Sciences. Individual study; collection of data in an individual situation, school, and/or community for a terminal problem in one semester or for a research study to be continued. Credit: One hour.

FS 6943. Resources in Family Sciences. Individual study; collection of data in an individual situation, school, and/or community for a terminal problem in one semester or for a research study to be continued. Credit: Three hours.
