

# SCHOOL OF HUMAN SCIENCES

**Web Site:** <https://twu.edu/human-sciences/>

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The School of Human Sciences is committed to excellence in transformational learning, discovery, and service in a collaborative environment that embraces diversity and social justice. We prepare students for academic, clinical, and professional opportunities serving individuals, children, families, and communities. The school builds engaged leaders and global citizens, honoring the interconnectedness and individuality of all people.

## Graduate Degrees Offered

- M.S. in Child Development (<https://catalog.twu.edu/graduate/professional-education/human-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 and in an accelerated format.
- M.S. in Child Life (<https://catalog.twu.edu/graduate/professional-education/human-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 (<https://catalog.twu.edu/graduate/professional-education/human-sciences/family-studies-ms/>) - The master's degree in Family Studies prepares students for advanced careers working with individuals and families, including family and human services, social services, and parent or family life education. The program is offered up to 100% online and in an accelerated format.
- M.S. in Counseling and Development (Clinical Mental Health Counseling) (<https://catalog.twu.edu/graduate/professional-education/human-sciences/counseling-development-clinical-mental-health-counseling-ms/>) or M.S. in Counseling and Development (Professional School Counseling) (<https://catalog.twu.edu/graduate/professional-education/human-sciences/counseling-development-professional-school-counseling-ms/>) - The master's degrees 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.Ed. in School Counseling (<https://catalog.twu.edu/graduate/professional-education/human-sciences/school-counseling-med/>) - This program is being phased out and is no longer accepting students.
- M.S. in Marriage and Family Therapy (<https://catalog.twu.edu/graduate/professional-education/human-sciences/marriage-family-therapy-ms/>) The master's degree in Marriage and 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 Human Development and Family Studies (<https://catalog.twu.edu/graduate/professional-education/human-sciences/family-studies-phd/>) - The doctoral program in Human Development and Family Studies prepares students for advanced career options in family and social services, family life education, public policy, research, and higher education.
- Ph.D. in Marriage and Family Therapy (<https://catalog.twu.edu/graduate/professional-education/human-sciences/marriage-family-therapy-phd/>) - The doctoral program in Marriage and Family Therapy prepares students for advanced career options in family therapy, including clinical work, supervision, research, and higher education.
- Ph.D. in Child Development and Early Education (<https://catalog.twu.edu/graduate/professional-education/education/early-childhood-education/child-development-early-education-phd/>) - This program is being phased out and is no longer accepting students.

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

The M.S. in Child Life is endorsed by the Association of Child Life Professionals (<https://www.childlife.org/>) (ACLP).

The M.S. in Family Studies, M.S. in Child Development, M.S. in Marriage and Family Therapy, Ph.D. in Human Development and Family Studies, and Ph.D. in Marriage and 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 coursework requirements.

## Faculty

\*BROWN, MELISSA MCINNIS, Associate Professor of Human Development and Family Studies, B.A., University of Texas at Austin; M.A., University of Alabama, Tuscaloosa; PhD. University of Alabama, Tuscaloosa

\*BUCKLEY, RHONDA R., Associate Professor of Human Development and Family Studies, B.A., Auburn University; M.A., Auburn University; Ph.D., Auburn University

\*CANTRELL, KATHRYN, Assistant Professor of Child Life, B.A., Austin College; M.A. Tufts University; Ph.D., University of Massachusetts-Boston

\*DUTTON, CATHERINE L., Associate Professor of Human Development and Family Studies, B.A., Utah State University; M.A.T., Texas Woman's University; Ph.D., Texas Woman's University

\*GILLUM, NERISSA LEBLANC, Professor of Human Development and Family Studies, B.S., Ambassador University; M.S., University of North Texas; Ph.D., University of North Carolina, Greensboro

\*GRUBBS, LISA G., Associate Professor of Counseling & Development, B.S., University of North Texas; M.S., Texas Woman's University; Ph.D., Sam Houston State University

\*HUELETT-LYONS, BRITTANY, Assistant Professor of Marriage and Family Therapy, M.S., Loma Linda University; Ph.D., Loma Linda University

\*HWANG, SHANN HWA, Professor of Human Development and Family Studies, B.A., Malone College; M.A., Ashland University; Ph.D., University of Tennessee, Knoxville

\*JARRETT, JODI, Assistant Professor of Counseling and Development, M.S., University of North Texas; Ph.D., University of North Texas

\*JONES, ADAM, Associate Professor of Marriage & Family Therapy, B.S., Weber State University; M.S., Utah State University; Ph.D., Texas Tech University

\*LAU, HOU, Assistant Professor of Marriage and Family Therapy, B.A. Abilene Christian University; M.F.T., Abilene Christian University; Ph.D., Texas Tech University

\*LEE, SEONHWA, Assistant Professor of Human Development and Family Studies, M.A., Seoul Women's University; M.S., University of Rochester Medical Center; Ph.D., University of Georgia

\*LUCERO JONES, REBECCA, Associate Professor of Marriage & Family Therapy, B.S., Brigham Young University; M.S., Texas Tech University; Ph.D., Texas Tech University

\*MCCARROLL, ELIZABETH M., Professor of Child Life, B.S., University of Texas at Austin; M.S., Texas Tech University; Ph.D., Texas Tech University

\*MURO, JOEL, Professor of Counseling & Development, B.A., Austin College; M.J., University of North Texas; Ph.D., University of North Texas

\*MURO, LILIA LAMAR, Associate Professor of Counseling & Development, B.A., University of Texas at San Antonio; M.A., Southwest Texas State University; Ph.D., University of North Texas

\*NORTON, AARON, Associate Professor of Marriage & Family Therapy; Director of the School of Human Sciences, B.S., University of Utah; M.S., Kansas State University; Ph.D., Kansas State University

\*ROSE, KATHERINE K., Professor of Child Life, B.S., Baylor University; M.S., Purdue University; M.S., University of North Texas; Ph.D., Purdue University

\*VADGAMA, DIMPLE, Assistant Clinical Professor of Human Development and Family Studies, M.S., University of Mumbai; Ph.D., Syracuse University

\*VERDIN, AZUCENA, Assistant Professor of Human Development and Family Studies, B.A., Harvard University; M.Ed., Harvard University; Ph.D., University of North Texas

\*VITTRUP, BRIGITTE M., Professor of Human Development and Family Studies; Dean of the College of Professional Education, 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

## Courses

*Contact hours identified in the course descriptions are based on a 15-week term. Students who enroll in Summer or mini-terms are expected to meet the same total number of contact hours as a 15-week term.*

**COUN 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. Three lecture hours a week. Credit: Three hours.

**COUN 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. Three lecture hours a week. Credit: Three hours.

**COUN 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: COUN 5033 and COUN 5043. Three lecture hours a week. Credit: Three hours.

**COUN 5063. School Counseling Ethics and Professional Orientation.** Foundations of school counseling profession and ethics. Examination of effective school counselor characteristics and the parameters of counseling in a school setting. Prerequisite: Permission of instructor. Three lecture hours a week. Credit: Three hours.

**COUN 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.

**COUN 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.

**COUN 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.

**COUN 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.

**COUN 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: COUN 5163 or equivalent. Three lecture hours a week. Credit: Three hours.

**COUN 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.

**COUN 5313. Counseling Theory and Practice.** General survey of current major theories of counseling and psychotherapy. Content includes historical background, theory of personality, dynamics of client change process, therapeutic techniques, and evaluation. Development of student's own theory of counseling is emphasized. Three lecture hours a week. Credit: Three hours.

**COUN 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: COUN 5303 or permission of instructor. Three lecture hours a week. Credit: Three hours.

**COUN 5353. 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.

**COUN 5363. Prepracticum.** 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: COUN 5303, COUN 5313, and permission of the instructor. Co-requisite: COUN 5373. Ten practicum hours a week. Credit: Three hours.

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

**COUN 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: COUN 5303, COUN 5313, or permission of instructor. Co-requisite: COUN 5363. Three lecture hours a week. Credit: Three hours.

**COUN 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.

**COUN 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.

**COUN 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.

**COUN 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.

**COUN 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.

**COUN 5894. Internship in Counseling.** Professional supervised experience in counseling individuals and groups in an agency or a school setting. To be taken in two consecutive semesters. Prerequisites: COUN 5364 and permission of instructor. Three-hundred clinical field hours per semester. Twenty practicum hours a week. Credit: Four hours.

**COUN 5903. Special Topics.** Organized study of Counseling subject matter normally not included in other COUN courses. Three lecture hours a week. Credit: Three hours.

**COUN 5911. Independent Study.** Intensive study of a problem of individual or professional interest in counseling development. Credit: One hour.

**COUN 5913. Independent Study.** Intensive study of a problem of individual or professional interest in counseling development. Credit: Three hours.

**HDFS 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.

**HDFS 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 developmentalists 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.

**HDFS 5023. Family Sexuality.** Concepts of developmental sexuality, including sex education within the family. Three lecture hours a week. Credit: Three hours.

**HDFS 5063. Developmental and Psychosocial Perspectives on the Impact of Health on Family Systems.** Systems approach of focusing on the family as a social system. Integration of information regarding the parental, sibling, and child subsystems, as well as external societal influences. 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 HIPAA regulations and family members as health caregivers. Three lecture hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 5223. Child Growth and Development in Early Childhood.** Motor, social, emotional, and cognitive aspects of the development of children birth through age eight. Includes 15 hours of field observation. Three lecture hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 5243. Adolescent 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

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

**HDFS 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 hours a week and 15 hours of direct observation. Credit: Three hours.

**HDFS 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.

**HDFS 5613. Child Guidance.** Analysis of child guidance and development and research techniques. Emphasis on characteristics and sources of child guidance practices in American culture. Three lecture hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 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.

**HDFS 5693. Research Methods in Family Sciences.** Development of foundational knowledge of family sciences research methodology, including quantitative, qualitative, and mixed methods practices. Emphasis on skill in planning and conducting research projects in the family sciences. Three lecture hours a week. Credit: Three hours.

**HDFS 5713. Housing and Families.** Interdisciplinary approach to current conditions impacting family housing, including economic, social, psychological, and aesthetic aspects. Three lecture hours a week. Credit: Three hours.

**HDFS 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.



**HDFS 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.

**HDFS 5833. Family Economics.** Economic, sociological, psychological, and cultural factors affecting consumer behavior. Three lecture hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 5893. Child Life Internship.** Professional supervised experience working with children and their families in an ACLP accredited 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. Hours per week vary by hospital/hospice/institution, but 600 are required for ACLP certification. Credit: Three hours.

**HDFS 5903. Special Topics.** Organized study of Family Sciences subject matter normally not included in other FS courses. Three lecture hours a week. Credit: Three hours.

**HDFS 5911. Independent Study.** Intensive study of a problem of individual or professional interest in family sciences. Credit: One hour.

**HDFS 5913. Independent Study.** Intensive study of a problem of individual or professional interest in family sciences. Credit: Three hours.

**HDFS 5931. Professional Portfolio.** Development and maintenance of a professional portfolio documenting the attainment of goals and skills acquired in the course of graduate study. Reviewed periodically with the advisor and presented to committee during last semester of the graduate program as the student's final examination. Credit: One hour.

**HDFS 5933. 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 hours of work to be arranged. Twelve practicum hours a week. Credit: Three hours.

**HDFS 5961. Research in Family Sciences.** Individual investigation of a specific area in Family Sciences. Credit: One hour.

**HDFS 5963. Research in Family Sciences.** Individual investigation of a specific area in Family Sciences. Credit: Three hours.

**HDFS 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.

**HDFS 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.

**HDFS 5983. Thesis.** Credit: Three hours.

**HDFS 5993. Thesis.** Prerequisite: HDFS 5983. Credit: Three hours.

**HDFS 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.

**HDFS 6013. Social and Emotional Development in Childhood and Adolescence.** Fundamentals of social and emotional development from early childhood through adolescence. In-depth analysis of developmental theories, as well as empirical and conceptual approaches to the study of social and emotional development. Prerequisites: HDFS 5223 and HDFS 5243. Three lecture hours a week. Credit: Three hours.

**HDFS 6023. Cognitive Development in Childhood & Adolescence.** Fundamentals of cognitive development from early childhood through adolescence. In-depth analysis of developmental theories and empirical and conceptual approaches to the study of cognitive development. Prerequisites: HDFS 5223 and HDFS 5243. Three lecture hours a week. Credit: Three hours.

**HDFS 6123. Diverse Perspectives in Development and Families.** Human development and families across a wide range of diverse constructs, including race, age, ethnicity, culture, gender, sexual identity and orientation, disability, religion, relationships, and diverse parenting contexts. Emphasis on historical, social, economic, and contextual factors that organize development and family life, including the influence of immigration and globalization. In-depth analysis of critical, intersectional, and multiracial feminist approaches to the study of development and families. Three lecture hours a week. Credit: Three hours.

**HDFS 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: HDFS 5193 or equivalent master level statistics course. Three lecture hours a week. Credit: Three hours.

**HDFS 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. Prerequisite: HDFS 5693 or equivalent master's level research methods course. Three lecture hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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.

**HDFS 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: HDFS 5003 or equivalent; and HDFS 5113, HDFS 5123, or equivalent. Three seminar hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 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: HDFS 5193 and HDFS 5693, or equivalents. Three lecture hours a week. Credit: Three hours.

**HDFS 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: HDFS 6203 or its equivalent. Three lecture hours a week. Credit: Three hours.

**HDFS 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.

**HDFS 6873. Dyadic and Longitudinal Analyses with Structural Equation Modeling.** Building upon multiple regression and MANOVA to conduct advanced relational research using Structural Equation Modeling (SEM) including path analysis, confirmatory factor analysis, full structural models, actor-partner interdependence models, multi-group analyses, cross-lag models, and latent growth modeling. Prerequisites: HDFS 6193 and HDFS 6893. Three lecture hours a week. Credit: Three hours.

**HDFS 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: HDFS 6193 or equivalent, and familiarity with SPSS. Three lecture hours a week. Credit: Three hours.

**HDFS 6903. Special Topics.** Three lecture hours a week. Credit: Three hours.

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

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

**HDFS 6921. Research in Family Sciences.** Individual investigation of a specific area in family sciences. Credit: One hour.

**HDFS 6923. Research in Family Sciences.** Individual investigation of a specific area in family sciences. Credit: Three hours.

**HDFS 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.

**HDFS 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.

**HDFS 6983. Dissertation.** Credit: Three hours.

**HDFS 6993. Dissertation.** Prerequisite: HDFS 6983. Credit: Three hours.

**MFT 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: MFT 5543. Co-requisite: MFT 5863. Completed practicum hours contribute to the total 500 required hours during the M.S. in Family Therapy program. Credit: Three hours.

**MFT 5543. Prepracticum in Family Therapy.** Experiential learning and practice of skills, qualities, and decision-making capabilities for couple and family therapy performed under supervision. Preparation for Internship in Family Therapy. Prerequisite: Marriage and Family Therapy major. Ten practicum hours a week. Credit: Three hours.

**MFT 5544. Internship in Marriage & Family Therapy.** Professional supervised experience providing systemic therapeutic services for families, couples, and individuals. Clinical supervision of live or video-recorded sessions. To be taken three consecutive semesters. Prerequisites: MFT 5513, MFT 5543, MFT 5563, MFT 5853, MFT 5863, and MFT 5883. 15-20 practicum hours a week. Credit: Four hours.

**MFT 5553. Systemic Couple and Sex Therapy.** Advanced application of systemic theories and techniques to couple and sex therapy. Three lecture hours a week. Credit: Three hours.

**MFT 5563. Foundations of Family Therapy Theory.** Theory, techniques, and applications of post-modern and other approaches to marriage and family therapy. Emphasis on assessment and treatment strategies. Three lecture hours a week. Credit: Three hours.

**MFT 5603. Systemic Treatment of Addiction in Couples and Families.** Advanced applications of systemic clinical treatment of addiction, including assessment, diagnosis, and techniques for addiction-related disorders in couples and families. Focus on the influence of couple and family relationships on the development, maintenance, and recovery of addiction. Three lecture hours a week. Credit: Three hours.

**MFT 5613. Systemic Treatment of Trauma in Couples and Families.** Advanced applications of systemic clinical treatment of trauma, including assessment, diagnosis, and techniques for trauma-related disorders in couples and families. Focus on relational, emotional, physical, and sexual trauma. Three lecture hours a week. Credit: Three hours.

**MFT 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.

**MFT 5853. Family Systems.** 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. Emphasis on clinical diagnosis and treatment strategies. Three lecture hours a week. Credit: Three hours.

**MFT 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. Co-requisite: MFT 5513. Three lecture hours a week. Credit: Three hours.

**MFT 5873. Collaborative Healthcare in Marriage and Family Therapy.** Research-based focus on the macro- and micro-systemic interactions in families dealing with the health/illness continuum and mental/physical health care systems. Three lecture hours a week. Credit: Three hours.

**MFT 5883. Family of Origin.** Theoretical bases and interventions of family of origin and transgenerational work for counselors and therapists. In-depth examination of the student's own family history and impact on self-of-therapist issues on the therapy process. Three lecture hours a week. Credit: Three hours.

**MFT 5903. Special Topics.** Organized study of Marriage and Family Therapy subject matter normally not included in other MFT courses. Three lecture hours a week. Credit: Three hours.

**MFT 5911. Independent Study.** Intensive study of a problem of individual or professional interest in marriage and Family therapy. Credit: One hour.

**MFT 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.

**MFT 6253. Systemic Supervision in Marriage and Family Therapy.** Techniques, research, and theory in systemic marriage and family therapy supervision. Prerequisite: Permission of instructor. Three lecture hours a week. Credit: Three hours.

**MFT 6351. Supervision Practicum in Marriage and Family Therapy.** Mentored supervision in marriage and family therapy for partial fulfillment of requirements to become AAMFT Approved Supervisors; direct application of supervision theory to the practice of providing clinical supervision. The Approved Supervisor Candidates will provide weekly individual supervision to student-interns and may also lead practicum groups while receiving weekly supervision of supervision from an AAMFT Approved Supervisor Mentor. Minimum 2 hours of supervision required per week (30 hours in Fall/Spring semesters and 20 hours in Summer semesters). Prerequisite: MFT 6253. Credit: One hour.

**MFT 6563. Advanced Family Therapy Theory.** 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.

**MFT 6813. Advanced Practical Experience in Marriage and Family Therapy.** Individual mentored experience that represents application of advanced training and contribution to the field in two of the five areas: supervision, advanced research, teaching, advanced clinical theory/practice, and grant writing. Prerequisites: HDFS 6693 or HDFS 6203; and HDFS 6403 or HDFS 6443. Minimum of 140 mentorship and experience hours. Credit: Three hours.

**MFT 6903. Special Topics.** Organized study of a topic in the field of marriage and family therapy that is appropriate for doctoral-level education. May be repeated for credit when topic varies. Three lecture hours a week. Credit: Three hours.