

## Human Development and Family Science

### Graduate Courses – Spring 2025

#### HDFS 537B Intermediate Quantitative Analysis

Dr. Katie Zeiders

Fridays 9:30-12:00

Focus on intermediate univariate and multivariate statistics as applied to research in Human Development and Family Science. This material builds upon the topics covered in HDFS 537A, and provides a foundation for the study of more advanced quantitative techniques.

#### HDFS 567 Theories of Human Development

Dr. Melissa Barnett

Wednesdays 9:30-12

The study of human development is a diverse interdisciplinary field that includes psychology, sociology, biology, and anthropology. Across these disciplines is the emerging dominant paradigm of developmental science. At its core, developmental science perspectives and theories of human development consider the complexity of individual, group, and species-level development as it unfolds across contexts and the lifespan. There are four overarching goals for this course: 1. The primary goal is to provide a general introduction to key theoretical concepts informing the study of human development and shaping the field of developmental science. 2. You will apply these concepts in order to understand some of the dominant modern theories of human development. 3. You will critically and meaningfully evaluate the theoretical and empirical work of others. 4. You will ground your own work, including research question selection, hypothesis development, and methodology in key theoretical perspectives or approaches to human development.

#### HDFS 600 Career Planning and the PhD Job Market

Dr. Russ Toomey

Mondays 9:30-12

This course covers professional, ethical, and career development issues for advanced-stage Ph.D. students in Human Development and Family Science and related social science fields. We will cover a wide range of topics including career planning, the development of your academic dossier, how to obtain a job in and outside of academia, effective teaching and mentoring, and work-life integration techniques. The structure of this course includes in-class exercises, discussion, and a few interactive guest panels. Through these activities, students will have the opportunity to develop, practice, and strengthen professional skills.

#### HDFS 607 Topics in HDFS: Social Processes in Adolescent and Young Adult Development

Dr. Norma Perez-Brena

Tuesdays 1:00-3:30

This course will cover **foundational and advanced issues** in adolescent and young adult development. By the end of the course, the students will be able to explain and apply foundational issues in adolescent and young adult development (i.e., developmental tasks, competencies, milestones, and social contexts). In addition to these central developmental topics, we will examine advanced topics related to the social processes that support or hinder development and adjustment. Specifically, we will focus on understanding how risk and protective factors as well as familial and peer contexts (i.e., friends, peer groups and networks, romantic relationships) shape youths' adjustment and transition into adulthood. Special consideration will be afforded to understanding (a) how risk and protective factors "get under the skin" (i.e., biological processes) and (b) how risk (i.e., discrimination) and protective (ERI, family socialization) factors shape the development and adjustment of ethnically and racially diverse and immigrant youth.

## HDFS 617A Advanced Data Analysis: Structural Equation Modeling

Dr. Nick Bishop

Thursdays 12:30-3:00

This course covers basic and intermediate topics of confirmatory factor analysis (CFA) and structural equation modeling (SEM). Within these topics, we will consider both traditional approaches and state of the art innovations. The focus will be applied, so that students will (a) acquire an understanding of how SEM (and related latent variable models) can be used in human development and family research (and related research areas); (b) gain an appreciation of the conceptual and, to a lesser extent, the mathematical, basis of SEM; (c) develop the ability to formulate and evaluate models; and (d) become proficient in using the lavaan package in R for the analysis of statistical models.

## HDFS 696Z-003 – Teaching in FSHD (1 unit course)

Dr. Tim Ottusch

Mondays 1:00-1:50

This course provides an introduction to postsecondary teaching, specifically in the Family Science field. It will include an overview of learner-centered teaching, syllabus and course site construction, and summative and formative assessment. It will also include an overview and engagement about asynchronous and synchronous teaching practices that can be used in face-to-face, hybrid/blended, and online courses. The course will meet for one hour weekly throughout the semester. The second half of the semester will particularly focus on student syllabus and course site projects. The course, with a focus on Family Science courses, will allow students to construct their own examples of formative and summative assessments, a syllabus, a course site (LMS site), and other components to post secondary courses.

**Course offerings and days/times are subject to change.**

**Refer to UAccess Schedule of Classes during enrollment period to confirm course information.**

**For registration dates please visit <https://registrar.arizona.edu/registration-schedule>**