

# HUMAN DEVELOPMENT (GRADUATE GROUP)

College of Agricultural & Environmental Sciences

## Group Office

1315 Hart Hall; 530-754-4109; Human Development Graduate Group (<http://humandevelopment.ucdavis.edu>); Faculty (<https://humandevelopment.ucdavis.edu/people/>)

- Human Development, Doctor of Philosophy (<https://catalog.ucdavis.edu/departments-programs-degrees/human-development-graduate-group/human-development-phd/>)

## Human Development (HDE)

### HDE 200A – Early Development (4 units)

*Course Description:* Theory and research on the biological, social, cognitive, and cultural aspects of development from conception to the age of five years.

*Prerequisite(s):* Graduate standing; basic biology or physiology; one upper division course in psychology or a related field; one upper division or graduate course in developmental psychology (can be concurrent).

*Learning Activities:* Lecture 3 hour(s), Discussion 1 hour(s).

*Grade Mode:* Letter.

### HDE 200B – Middle Childhood & Adolescence (4 units)

*Course Description:* Theory and research on biological, cognitive, social, and cultural influences on behavioral development from age five years until late adolescence.

*Prerequisite(s):* Graduate standing; basic biology or physiology, and at least two upper division or graduate level courses in psychology or related fields.

*Learning Activities:* Lecture 3 hour(s), Discussion 1 hour(s).

*Grade Mode:* Letter.

### HDE 200C – Development in Adulthood (4 units)

*Course Description:* Theory and research focusing on social, personality, cognitive, and biological development from early to late adulthood. Emphasis is on theory development and continuity and change.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Grade Mode:* Letter.

### HDE 203 – Adolescent Behavioral & Emotional Development (4 units)

*Course Description:* Analysis of recent theories, research methods, and major findings on adolescent behavioral and emotional development, including contextual and genetic influences on adolescence, pubertal transitions, and social/family contexts and processes. Emphasis on multi-level mechanisms underlying adolescent behavioral and emotional development.

*Prerequisite(s):* HDE 200B.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Grade Mode:* Letter.

### HDE 204 – Developmental Neuroscience & Adolescent Psychopathology (4 units)

*Course Description:* Introduction to human developmental neuroscience. Understanding of adolescence and its characterization as a time of risky and unhealthy behavior and vulnerability to onset of mental disorder as well as issues around plasticity of the adolescent brain and prevention/intervention.

*Prerequisite(s):* Graduate standing in Human Development, Psychology, Education, Neuroscience or consent of instructor.

*Learning Activities:* Lecture 4 hour(s).

*Grade Mode:* Letter.

### HDE 205 – Longitudinal Data Analysis (4 units)

*Course Description:* Introduction to longitudinal data manipulation, organization, description, and modeling in the multilevel modeling and structural equation modeling frameworks.

*Prerequisite(s):* PSC 204B; or equivalent graduate courses in statistics or consent of instructor; familiarity with multiple regression and the basics of matrix algebra.

*Learning Activities:* Lecture 3 hour(s), Term Paper.

*Enrollment Restriction(s):* Open to graduate students only.

*Grade Mode:* Letter.

### HDE 207 – Topics in Technology Use, Health & Aging (4 units)

*Course Description:* Principles from gerontology applied to older adults' use of technology to support health and well-being across a variety of domains (e.g., cognitive and physical fitness, social engagement) and contexts (assisted living, aging in place). Cognitive, sensory, and physical changes in later life that impact technology use.

*Prerequisite(s):* Graduate standing in one of the following Graduate Groups: Human Development, Psychology, Communication, Education, and Nursing Science and Healthcare Leadership, or consent of instructor.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Grade Mode:* Letter.

### HDE 210 – Theories of Behavioral Development (3 units)

*Course Description:* Consideration of enduring issues in theories of behavioral development; analysis of adequacy of major theoretical schools (e.g., social learning, Piagetian) as scientific theories.

*Prerequisite(s):* Graduate standing in behavioral sciences.

*Learning Activities:* Lecture 2 hour(s), Discussion 1 hour(s).

*Grade Mode:* Letter.

### HDE 211 – Physiological Correlates of Behavioral Development (4 units)

*Course Description:* An overview of mechanisms of organismic development and the implications of developmental biology for the analysis of behavioral ontogeny; consideration of parallels between processes of organismic development and behavioral development in children and infra-human mammals.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Seminar 4 hour(s).

*Grade Mode:* Letter.

## HDE 220 – Research Methods in Human Growth & Development (4 units)

*Course Description:* Overview of qualitative and quantitative approaches to empirical inquiry in the social sciences, with a focus on theory and research methods in biological growth and cognitive and social/emotional development from prenatal period to death.

*Prerequisite(s):* STA 013 or STA 013Y; or the equivalent and at least two upper division courses in Human Biology or Developmental Psychology.

*Learning Activities:* Lecture 4 hour(s).

*Grade Mode:* Letter.

## HDE 232 – Cognition & Aging (3 units)

*Course Description:* Manner in which cognitive processes are affected by aging as well as an understanding of the changes in the central nervous system occurring with aging.

*Prerequisite(s):* HDE 200C.

*Learning Activities:* Lecture/Discussion 3 hour(s).

*Grade Mode:* Letter.

## HDE 234 – Children's Learning & Thinking (3 units)

*Course Description:* Analysis of theories, research methods, and major findings of children's higher-order cognition, including origins of knowledge, development of problem-solving skills, reasoning strategies, and scientific concepts, with an emphasis on the underlying mechanism involved in children's thinking and learning processes.

*Prerequisite(s):* HDE 200A or PSC 212 recommended.

*Learning Activities:* Seminar 3 hour(s).

*Grade Mode:* Letter.

## HDE 238 – The Context of Individual Development (3 units)

*Course Description:* Analysis of human development within the context of daily life. Contextualizing theories and methods of developmental psychology will be distinguished from contextual theories and methods. Developmental psychology models will be distinguished from child psychology models.

*Prerequisite(s):* Graduate standing in Human Development, Child Development, Education, Psychology, Anthropology, Sociology, or consent of instructor.

*Learning Activities:* Lecture/Discussion 3 hour(s).

*Grade Mode:* Letter.

## HDE 239 – Developmental Psychopathology (4 units)

*Course Description:* Theories, current issues, and empirical studies of atypical development from infancy to adulthood that integrate multiple system levels from genes, neurobiology, cognition, emotion, family and peer dynamics to community and cultural contexts.

*Prerequisite(s):* Graduate standing in Human Development, Psychology, Sociology, a related social science, or consent of instructor.

*Learning Activities:* Discussion/Laboratory 3 hour(s), Term Paper.

*Grade Mode:* Letter.

## HDE 240 – Peer Relationships during Adolescence (4 units)

*Course Description:* Examines the role of peer relationships in adolescent development including forms and functions at the individual, dyadic and group levels. Ethnicity and cross cultural research will be discussed.

Emphasis on methodology, including surveys, peer nominations/sociometrics, experimental, and observational designs.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Enrollment Restriction(s):* Graduate standing in Human Development, Psychology, Education, or consent of instructor.

*Grade Mode:* Letter.

## HDE 250 – Current Research on Family Relationships (4 units)

*Course Description:* Discussion of theories, methods, and current research on the nature and development of sibling, romantic, and parent-child relationships across the lifespan. Emphasis on interpersonal and family processes examined in ethnic/cultural contexts. Implications for individual development will be addressed.

*Learning Activities:* Discussion/Laboratory 3 hour(s), Term Paper.

*Enrollment Restriction(s):* Graduate standing in Human Development Graduate Group, Psychology, Sociology, a related social science, or consent of instructor.

*Grade Mode:* Letter.

## HDE 252 – Family Research, Programs & Policy (4 units)

*Course Description:* Examines the competing interests of research, policy, and service on current issues of family functioning and individual well being. Considers communication barriers between researchers, practitioners, and policy makers.

*Learning Activities:* Seminar 3 hour(s), Term Paper.

*Enrollment Restriction(s):* Graduate standing in Human Development, Psychology, Sociology, related social sciences, or consent of instructor.

*Grade Mode:* Letter.

## HDE 290 – Seminar (3 units)

*Course Description:* Discussion and evaluation of theories, research, and issues in human development. Different topics each quarter.

*Learning Activities:* Seminar 3 hour(s).

*Grade Mode:* Letter.

## HDE 290C – Research Conference (1 unit)

*Course Description:* Supervising instructors lead research discussions with their graduate students. Research papers are reviewed and project proposals are presented and evaluated.

*Prerequisite(s):* Consent of instructor; graduate standing.

*Learning Activities:* Discussion 1 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Satisfactory/Unsatisfactory only.

## HDE 291 – Research Issues in Human Development (4 units)

*Course Description:* In-depth presentations of research issues in particular areas of behavioral development.

*Prerequisite(s):* Graduate Standing in the behavioral sciences.

*Learning Activities:* Seminar 4 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Letter.

**HDE 292 – Graduate Internship (1-12 units)**

*Course Description:* Individually designed supervised internship, off campus, in community or institutional setting. Developed with advice of faculty mentor.

*Prerequisite(s):* Consent of faculty (internship sponsor) and satisfactory completion of placement relevant course work, for example: EDU 213, EDU 216; HDE 222, HDE 242; LAW 272, LAW 273.

*Learning Activities:* Internship 3-36 hour(s).

*Repeat Credit:* May be repeated 12 unit(s) with justified skill acquisition and promise of informing evaluation research.

*Grade Mode:* Satisfactory/Unsatisfactory only.

**HDE 298 – Group Study (1-5 units)**

*Course Description:* Group study.

*Learning Activities:* Variable.

*Grade Mode:* Letter.

**HDE 299 – Research (1-12 units)**

*Course Description:* Research.

*Learning Activities:* Variable.

*Grade Mode:* Satisfactory/Unsatisfactory only.