Bachelor Of Science

UC San Diego
The Human Developmental Sciences Program (HDS) is an interdisciplinary academic program at the critical edge of thought and research in the social sciences. As one of the premier programs of its kind, faculty and students' research focuses on the study of persons over the course of life; on the social, cultural, biological, and ontogenetic processes that jointly influence development; and on growth over time in different social and cultural settings. Given this interdisciplinary scope, HDS provides an excellent preparation for students interested in advanced postgraduate study at the frontiers of several social science disciplines, or in careers and professions that require a broad and integrated understanding of human experience and behavior—e.g., mental health, education, social work, health care, or human resource and organizational work in community or corporate settings.

Candidates for a Bachelor of Arts or Bachelor of Science in Human Developmental Sciences must fulfill UCSD’s general-education and graduation requirements in addition to the HDS major requirements. The Bachelor of Science has additional coursework that includes more formal skills, an additional practicum/experiential learning course, and the opportunity for a specialization.

Degrees offered for students majoring in Human Developmental Sciences include the following:

- Human Developmental Sciences Bachelor of Arts
- Human Developmental Sciences Bachelor of Science
- Human Developmental Sciences Bachelor of Science with a Specialization in Equity and Diversity
- Human Developmental Sciences Bachelor of Science with a Specialization in Healthy Aging

Preparatory Coursework for the Bachelor of Science

A total of seven lower division preparatory courses are required for the Bachelor of Arts. Eight courses are required for the Bachelor of Science. For a complete list of courses, please review our major handouts or visit our website at HDSciences.ucsd.edu. Transfer students are encouraged to complete as many of these courses as possible prior to transfer to UCSD. Please see enclosed community college courses for equivalent coursework or visit http://assist.org for articulation agreements.

Lower-Division Preparatory Courses for the HDS Major:

- One Statistics Course
- Two Biological Science Courses
- Two Social Science Courses
- Two Formal Skills Courses, including calculus
- HDS 1: Intro to Human Development
  
  *HDS 1 must be completed at UCSD. Potential Transfer students can complete HDS 1 prior to transferring by participating in UCSD's Cross-Enrollment program. For details: http://registrar.ucsd.edu/ver2/info/CrossEnrollment.pdf

All courses must be taken for a letter grade.
All coursework must be completed with a grade of C- or better. Pass grades are not accepted.
Upper-Division Coursework for the HDS Curriculum

Students can choose from a wide selection of upper division coursework to complete major requirements, spanning over 13 different disciplines. Coursework is selected from Biological, Cognitive, and Socio-cultural concentrations within Human Development. Classes in BOLD are required of all majors.

**Anthropology**
- ANBI 111—Advanced Principles of Human Evolution
- ANBI 116—The Evolution of Primate Reproduction
- ANBI 140—The Evolution of the Human Brain
- ANBI 159—Biological and Cultural Perspectives on Intelligence
- ANBI 173—Cognition in Animals and Humans
- ANSC 101—Aging: Culture and Health in Late Life Human Development
- ANSC 125—Gender, Sexuality, and Society
- ANSC 126—Childhood and Adolescence
- ANSC 127—Discourse, Interaction, and Social Life
- ANSC 167—Rituals and Celebrations
- ANSC 168—The Human Condition
- ANTH 102—Humans Are Cultural Animals

**Biology**
- BICD 100—Genetics
- BICD 112—Stem Cells and Regeneration
- BICD 130—Embryos, Genes, and Development
- BIPN 134—Human Reproduction
- BIPN 144—Developmental Neurobiology
- BIPN 148—Cellular Basis of Learning and Memory

**Cognitive Science**
- COGS 115—Neurological Development and Cognitive Change
- COGS 120 Intro to Human-Computer Interaction Design
- COGS 154—Communication Disorders in Children and Adults
- COGS 156—Language Development
- COGS 184—Modeling the Evolution of Cognition

**Communication**
- COMM 100A—Communication, the Person, and Everyday Life
- COMM 102C Practicum in New Media and Community Life
- COMM 110E—Learning to Read
- COMM 110I—Literacy, Social Organization, and the Individual
- COMM 112C—The Idea of Childhood
- COMM 126—Children and Media
- COMM 168—Bilingual Communication

**Education Studies**
- EDS 115—Cognitive Development and Education
- EDS 118—Adolescent Development and Education
- EDS 130 Introduction to Academic Mentoring of Elementary/School Students
- EDS 131 Early Childhood Development & Education
- EDS 136. Introduction to Academic Tutoring of Secondary School Students
- EDS/LIGN119—First and Second Language Learning: From Childhood through Adolescence
- EDS/SOCL 117—Language, Culture, and Education

**Public Health**
- FMHP 102 Biostatistics
- FMHP 110—Health Behavior and Chronic Diseases
- FMHP 120—Health Policies for Healthy Lifestyles

**Human Developmental Sciences**
- HDS 110—Brain and Behavioral Development
- HDS 111—Evolutionary Principles of Development
- HDS 120—Language Development
- HDS 122—Development of Social Cognition
- HDS 133—Cross-Cultural Perspectives on Developmental Science
- HDS 171—Diversity in Human Development: A Cultural Competency Approach
- HDS 175—Power, Wealth, and Inequality in Human Development
- HDS 193 Advanced Research in Human Development
- HDS 194B Honors Thesis
- HDS121—The Developing Mind

**History**
- HITO 126—History of Childhood

**Linguistics**
- LIGN 171—Child Language Acquisition
- LIGN 174/SOCL 116—Gender and Language in Society
- LIGN 179—Second Language Acquisition

**Literature**
- LTWL 114—Children’s Literature
- LTWL 116—Adolescent Literature
- LTWL 177—Literature and Aging

**Psychology**
- PSYC 101—Introduction to Developmental Psychology
- PSYC 130—Delay of Gratification
- PSYC 132—Hormones and Behavior
- PSYC 136—Cognitive Development
- PSYC 141—Evolution and Human Nature
- PSYC 146—Language & Conceptual Development
- PSYC 156—Cognitive Development in Infancy
- PSYC 168—Psychological Disorders of Childhood
- PSYC 171—Neurobiology of Learning and memory
- PSYC 172—Psychology of Human Sexuality
- PSYC 173—Psychology of Food and Behavior
- PSYC 180—Adolescence
- PSYC 181—Adolescence
- PSYC 187—Development of Social Cognition
- PSYC 190—Parenting

**Sociology**
- SOCL 110 Qualitative Research in Educational Settings
- SOCL 129—The Family
- SOCL 131—Sociology of Youth
- SOCL 159—Special Topics in Sociology
- SOCL 161—Sociology of the Life Course

**Urban Studies and Planning**
- USP 141A—Life Course Scholars Research and Core Fundamentals
- USP 141B. Life Course Scholars Capstone Project
- USP 145—Aging - Social and Health Policy Issues
A B.S. major in Human Developmental Sciences may elect to complete a three-course area of specialization. The areas of specialization are intended to provide majors with guidance in choosing elective courses and to make the specific interests and training of a major clear to prospective employers and graduate schools. Specifying an area of specialization is optional; however, students should take into consideration when planning for their specialization that all approved courses are not necessarily offered every year.

Specialization in Equity & Diversity

Bridging theory and practice, this area of specialization provides more comprehensive scholarship in equity and diversity from a developmental perspective.

REQUIRED COURSEWORK (3)

- **EQUITY AND DIVERSITY SERIES** (replacing development series electives)
  - HDP 171—Diversity in Human Development: A Cultural Competency Approach
  - HDP 175—Power, Wealth, and Inequality in Human Development

- **EQUITY AND DIVERSITY PRACTICUM** (for the Methods Elective)
  One course, chosen from the following:
  - COMM 102C Practicum in New Media and Community Life
  - EDS 131 Early Childhood Development & Education
  - EDS 130 Introduction to Academic Mentoring of Elementary/School Students
  - EDS 136. Introduction to Academic Tutoring of Secondary School Students

Specialization in Healthy Aging

This area of specialization is intended to equip students with the knowledge to work specifically with the aging population in medicine, research, industry, with families, and within our communities.

REQUIRED COURSEWORK (3)

- **HEALTHY AGING SERIES**—choose two courses (replacing development series electives):
  - ANSC 101. Aging: Cult/Health/Hum Development.
  - BILD 38. Dementia, Science, and Society (as a specialization course—cannot overlap with lower division requirements)
  - LTWL 177. Literature and Aging
  - USP 141A. Life Course Scholars Research and Core Fundamentals.
  - USP 145. Aging—Social and Health Policy Issues.

- **HEALTHY AGING PRACTICUM**
  Fulfilled by an approved project completed in one of the following courses:
  - HDS 191. Field Research in Human Development
  - HDS 193. Advanced Research in Human Development
  - USP 141B. Life Course Scholars Capstone Project