



Human development  
PROGRAM

# Bachelor of Science

UNIVERSITY OF CALIFORNIA, SAN DIEGO

2016/2017

## Mailing Address

Human Development Program  
University of California,  
San Diego  
9500 Gilman Drive  
La Jolla CA 92093-0115

Mailcode: 0115

## Student Affairs Office

5320 AP&M  
Muir College

Phone: (858) 534-9919

Fax: (858) 822-1602

Webpage: [hdp.ucsd.edu](http://hdp.ucsd.edu)

## Academic Advisors

Alia Welch Partida  
Mariko Cavey

## E-mail:

[hdp@ucsd.edu](mailto:hdp@ucsd.edu)

[hdp191@ucsd.edu](mailto:hdp191@ucsd.edu)

## Advising Hours

### Walk in

Mon-Wed 1-3 pm

### Appointment

Mon-Fri 10am-Noon

Thurs & Fri 1-3 pm

## FOR STUDENTS WHO WISH TO DECLARE THE HDP BS MAJOR BEGINNING IN FALL 2016

### **HUMAN DEVELOPMENT MAJOR REQUIREMENTS**

A bachelor of science degree in human development will be given to students who satisfactorily complete the general-education and graduation requirements of Marshall, Muir, Revelle, Roosevelt, Sixth or Warren College in addition to the Human Development Program requirements, which include 21 courses (8 lower division and 13 upper division). In accordance with UCSD academic regulations, upper-division courses used to satisfy major requirements cannot be applied towards minors (please note there is some overlap permitted for double majors). See college and major advisors for questions and restrictions.

## **THE HUMAN DEVELOPMENT MAJOR**

The scientific study of human development focuses on issues of growth, development, and behavioral change across the lifespan. The Human Development Program is interdisciplinary, incorporating courses from the departments of Anthropology, Biology, Cognitive Science, Communication, Ethnic Studies, History, Linguistics, Literature, Psychology, Sociology, Education Studies, and the Urban Studies and Planning Program. The curriculum is designed to emphasize the idea of development as an essential perspective from which to understand human behavior.

## **CAREER GUIDANCE AND ADVICE**

A degree in human development is designed to impart fundamental skills in critical thinking, comparative analysis, research analysis, and written expression. It offers training of special interest to those considering admission to graduate or professional schools and careers in medicine, law, education, counseling, clinical psychology, public health, public policy, public administration, or social work. The Bachelor of Science (BS) degree requires completion of rigorous preparatory coursework and is designed to incorporate an additional methods, practicum, apprentice/observation hours, or experiential learning that may be needed for admission to graduate programs or advanced professional training. Students are advised to see a, HDP Program adviser for assistance in selecting a curriculum which best suits their academic and professional objectives.

## **APPLYING FOR THE HDP MAJOR PROGRAM**

Students who wish to declare the HDP major must meet pre-major requirements and apply for entrance into the HDP major. All lower division requirements must be fulfilled before applying for the HDP major. All lower-division courses must be completed with a letter grade of C- or better. The cumulative GPA for the eight lower-division courses must equal or exceed 2.7. Students must meet with an HDP advisor to obtain approval to declare the Human Development major before their senior year.

## **GRADE REQUIREMENTS FOR THE MAJOR**

A minimum grade-point average of 2.0 in the major is required of all students seeking the bachelor's degree in Human Development. Students must receive a grade of C- or better in all upper-division courses counted toward fulfillment of the major requirements. **All courses taken to satisfy the Program's lower- and upper-division requirements must be taken for a letter grade. HDP 1, HDP 150, HDP 181 and HDP 191 must be taken in residence.**

A list of courses approved for HDP major requirements is attached. Please see an HDP advisor for specific questions regarding curriculum planning.

# REQUIREMENTS FOR THE HDP BACHELOR OF SCIENCE, BEGINNING FALL 2016

## Applying for the Human Development Major:

Students must fulfill the lower-division requirements listed below before requesting a major change to HDP. The grade earned in each course must be a C- or better. The GPA for these eight courses must equal or exceed 2.7. Students who are work in progress may declare "Pre-Human Development" (BS pre-major code: HD02) as a major.

## Lower-Division Requirements for admittance into the HDP BS Major: 8 Courses

1. **Introduction to Human Development: HDP 1** Offered only once per year, in Fall.
2. **One statistics course** selected from: PSYC 60, COGS 14B, or MATH 11.
- 3 & 4. **Two formal skills course** selected from the following:
  - Option 1: two courses from the MATH 10 or MATH 20 sequence
  - Option 2: one course from the MATH 10 or MATH 20 sequence, and one computer programming course from the approved list: CSE 7, CSE 8A, CSE 11
- 5 & 6. **Two biological sciences courses** selected from: ANTH 2, BILD 1, BILD 2, BILD 3, BILD 12, BILD 20, BILD 26, BILD 38, COGS 17.
- 7 & 8. **Two social sciences courses** selected from: ANTH 1, ANTH 3, CAT 1, CAT 2, COMM 10, COGS 1, FMPU 40, FMPU 50, One course from the HILD 7A, B, or C sequence (only one allowed), LIGN 4, LIGN 7, LIGN 8, LIGN 101, MMW 11, MMW 12, MMW 121, MMW 122, PSYC 1, PSYC 3, PSYC 6, PSYC 7, SOCI 1, SOCI 20.

## Upper-Division Requirements for the HDP Major: 13 Courses

- A. Three Methods Courses
- B. Four Core Series Courses *(Full information follows)*
- C. Five Developmental Series Courses
- D. Senior Seminar-HDP 150

### A. METHODS COURSES (3 courses required)

#### **HDP 181 Experimental Projects in Human Development Research**

Prerequisite: HDP 1, Fulfillment of 8 LD courses and must be an approved HDP major.

#### **HDP 191 Field Research in Human Development**

Prerequisites: HDP major, HDP181. Departmental approval and pre-enrollment one year prior to enrollment.

#### **HDP Methods Elective, selected from the following list:**

- HDP 193 Advanced Research in Human Development
- HDP 194B Honors Thesis
- ANSC 172 Life-History Seminar and Practicum
- COGS 120 Intro to Human-Computer Interaction Design
- COMM 102C Practicum in New Media and Community Life
- COMM 102D Practicum in Child Development
- EDS 131 Introduction to Early Childhood Education
- FMPU 102 Biostatistics
- SOCI 110 Qualitative Research in Educational Settings

## B. CORE SERIES (4 courses required)

### Domain 1: The biological basis of human development (One required)

- HDP 110 Brain and Behavioral Development  
Prerequisite: HDP 1 or PSYC 101
- HDP 111 Evolutionary Principles of Development  
Prerequisite: HDP 1 or ANTH 2 or BILD 3
- ANBI 111 Advanced Principles of Human Evolution  
Prerequisite: ANTH 2 (or equivalent) and upper-division standing
- BIPN 144 Developmental Neurobiology  
Prerequisite: Upper division standing. Strong biology background recommended

### Domain 2: The cognitive and linguistic basis of human development (Two required—one from each area)

#### A. Social-Cognitive Development (One required)

- HDP121 The Developing Mind (crosslisted as COGS110)  
Prerequisite: HDP 1 or COGS 1
- HDP 122 Social Development  
Prerequisite: HDP 1
- PSYC 187 Development of Social Cognition  
Prerequisite: PSYC 101

#### B. Language Development (One required)

- HDP 120 Language Development  
Prerequisite: HDP 1
- COGS 156 Language Development  
Prerequisite: Upper-division standing and background in development psychology and/or linguistics recommended
- LIGN 171 Child Language Acquisition

### Domain 3: The socio-cultural basis of human development (One required)

- HDP 133 Socio-Cultural Foundations of Human Development  
Prerequisite: HDP 1 or PSYC 1
- ANSC 126 Childhood and Adolescence  
Prerequisite: Upper-division standing
- ANSC 168 The Human Condition
- COMM 112C The Idea of Childhood
- HITO 126 History of Childhood

## C. DEVELOPMENT COURSES (5 courses required; at least 1 from each domain)

### Domain 1: Biological Development

- ANBI 116 The Evolution of Primate Reproduction  
Prerequisite: Upper-division standing and ANTH 2 or consent of instructor
- ANBI 140 The Evolution of the Human Brain
- ANBI 159 Biological and Cultural Perspectives on Intelligence  
Prerequisite: Any one of the following: upper-division standing and ANTH 2, ANTH 42 or BILD 3, or consent of instructor
- ANBI 173 Cognition in Animals and Humans  
Prerequisite: Upper-division standing, ANTH 2 or equivalent or consent of instructor
- ANTH 102 Humans Are Cultural Animals  
Prerequisite: ANTH 2 or consent of instructor
- BICD 100 Genetics  
Prerequisite: BILD 1 or equivalent
- BICD 112 Stem Cells and Regeneration  
Prerequisite: BIMM 100
- BICD 130 Embryos, Genes, and Development  
Prerequisite: Upper-division standing & BICD 100, BIBC 100 or BIBC 102. BICD 110 or BIMM 100 strongly recommended
- BICD 134 Human Reproduction & Development  
Prerequisites: BIBC 102 and BICD 100
- BIPN 144 Developmental Neurobiology  
Prerequisite: Upper division standing. Strong biology background recommended.

- BIPN 148 Cellular Basis of Learning and Memory  
Prerequisite: BIPN 100
- COGS 115 Neurological Development and Cognitive Change  
Prerequisite: COGS 17, HDP 110, BILD 10, or equivalent
- COGS 184 Modeling the Evolution of Cognition  
Prerequisites: Cognitive Science 17, or 107A, B, or C

**Domain 2: Cognitive & Language Development**

- COGS 154 Communication Disorders in Children and Adults  
Prerequisite: Upper division standing.
- COMM 100A Introduction to Communication and the Individual  
Prerequisite: COGN 20, HDP 1 or consent of instructor
- COMM 168 Bilingual Communication  
Prerequisite: COHI 100 or consent of instructor
- COMM 110E Learning to Read  
Prerequisite: COHI 100 or consent of instructor
- COMM 110I Literacy, Social Organization, and the Individual  
Prerequisite: COHI 100, COCU 100, or HDP 1 or consent of instructor
- EDS/LIGN119 First and Second Language Learning: From Childhood through Adolescence  
Prerequisite: Upper-division standing or consent of instructor
- LIGN 179 Second Language Acquisition  
Prerequisite: LING 101 or upper-division standing or consent of instructor
- PSYC 101 Introduction to Developmental Psychology  
Prerequisites: Upper-division standing; PSYC 60, BIEB 100, COGS 14, ECON 120A, MATH 11, MATH 181A, MATH 183, or SOCI 60
- PSYC 130 Delay of Gratification  
Prerequisite: Upper-division standing
- PSYC 132 Hormones and Behavior  
Prerequisite: Upper division standing
- PSYC 136 Cognitive Development  
Prerequisite: COGS 101B, PSYC 101, or PSYC 105
- PSYC 141 Evolution and Human Nature  
Prerequisite: Upper-division standing
- PSYC 146 Language & Conceptual Development  
Prerequisite: Upper-division standing or consent of instructor
- PSYC 156 Cognitive Development in Infancy  
Prerequisites: PSYC 60 and Psyc 101 or HDP 1
- PSYC 168 Psychological Disorders of Childhood  
Prerequisite: Upper-division standing
- PSYC 171 Neurobiology of Learning and memory  
Prerequisite: Psychology 2 or 106 or 181, upper division standing
- PSYC 172 Psychology of Human Sexuality  
Prerequisite: Upper-division standing and consent of instructor
- PSYC 173 Psychology of Food and Behavior  
Prerequisite: Upper-division standing
- PSYC 180 Adolescence  
Prerequisite: Upper-division standing
- PSYC 187 Development of Social Cognition  
Prerequisite: PSYC 101
- PSYC 190 Parenting  
Prerequisite: Upper-division standing

**Domain 3: Socio-Cultural Development**

- ANBI 159 Biological and Cultural Perspectives on Intelligence  
Prerequisites: Upper-division standing; ANTH 2, ANTH 42, or BILD 3, or consent of instructor
- ANSC 101 Aging: Culture and Health in Late Life Human Development  
Prerequisite: Upper-division standing
- ANSC 125 Gender, Sexuality, and Society  
Prerequisite: Upper-division standing
- ANSC 126 Childhood and Adolescence  
Prerequisite: Upper-division standing
- ANSC 127 Discourse, Interaction, and Social Life  
Prerequisite: Upper-division standing or consent of instructor

ANSC 167	Rituals and Celebrations Prerequisite: Upper-division standing or consent of instructor
COMM 102C	Practicum in New Media and Community Life Prerequisite: COHI 100 or HDP 1
COMM 102D	Practicum in Child Development Prerequisite: HDP 1 or PSYC 101 or COHI 100
COMM 126	Children and Media Prerequisite: COGN 20, HDP 1 or consent of instructor
EDS 115	Cognitive Development and Education
EDS/SOCI 117	Language, Culture, and Education Prerequisite: Upper-division standing
EDS 118	Adolescent Development and Education
FMPU 110	Health Behavior and Chronic Diseases Prerequisite: FPMU 40 and upper-division standing
FMPU 120	Health Policies for Healthy Lifestyles Prerequisite: FPMU 110 and upper-division standing
HDP 171	Diverse Communities in a Life-span approach to Human Development Prerequisite: Upper-division standing
LIGN 174/ SOCI 116	Gender and Language in Society Prerequisite: LING 101 or upper-division standing or consent of instructor
LTWL 114	Children's Literature
LTWL 116	Adolescent Literature
PSYC 180	Adolescence Prerequisite: Upper-division standing
PSYC 190	Parenting Prerequisite: Upper-division standing
SOCI 129	The Family Prerequisite: Upper-division standing
SOCI 131	Sociology of Youth Prerequisite: Upper-division standing
SOCI 159	Special Topics in Organizations and Institutions— <b>ONLY WHEN TOPIC IS APPROVED FOR HDP MAJOR</b>
SOCI 161	Sociology of the Life Course Prerequisite: Upper-division standing
USP 145	Aging - Social and Health Policy Issues Prerequisite: Upper-division standing

#### **D. SENIOR SEMINAR**

<b>HDP 150</b>	<b>Advanced Human Development</b> Prerequisites: 3 Core Series courses, and HDP181. Must be an approved HDP major with senior standing. Priority given to graduating seniors.
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