

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, San Diego  
2022-2023 General Catalog, Quarter

From: De Anza College  
2022-2023 General Catalog, Quarter

## Human Developmental Sciences B.S. with a Specialization in Healthy Aging

### GENERAL INFORMATION

DATED MATERIAL, SUBJECT TO CHANGE. PLEASE CONSULT CURRENT UCSD GENERAL CATALOG FOR ANY ADDITIONAL INFORMATION.

#### Special Advising Note:

Transfer students are strongly encouraged to complete as many lower-division preparatory courses as possible prior to enrollment at UC San Diego.

The scientific study of human development focuses on issues of growth, development, and behavioral change across the lifespan. The UCSD Human Developmental Sciences Program (HDS) is interdisciplinary, incorporating courses from the Departments of Anthropology, Biology, Cognitive Science, Communication, Ethnic Studies, History, Linguistics, Literature, Psychology, Public Health, Sociology, Education Studies, and Urban Studies and Planning Program. The HDS curriculum is designed to emphasize the integration of information across these different perspectives, with the view that understanding development from any given perspective requires consideration of many contributing factors. Thus, the classes cover a broad spectrum of topics; from brain and perceptual development, to reasoning and problem solving, to social interaction and the evolution of cultural systems. The Human Developmental Sciences Major unifies and coordinates the excellent research and teaching resources currently available on campus across these areas, and profiles a breadth of influences that shape human behavior.

For more information visit [hdsciences.ucsd.edu](https://hdsciences.ucsd.edu).

All courses taken to satisfy requirements in any Human Developmental Sciences (HDS) major must be taken for a letter grade.

Transfer students should complete all courses comparable to the HDS major preparation courses EXCEPT HDS 1 (which MUST be taken at UCSD) before transferring. Students must complete all transfer courses applicable to the HDS major with a minimum grade of C- or better.

#### The major preparation courses are:

##### HDS 1-Introduction to Human Developmental Sciences

One statistics course HDS 60

Two formal skills courses 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
- At least one course in calculus is required.

Two biological science courses selected from: ANTH 2, BILD 1, BILD 2, BILD 3, BILD 12, BILD 20, BILD 26, BILD 38, or COGS 17.

Two social sciences courses selected from: ANTH 1, ANTH 3, CAT 1, CAT 2, COMM 10, COGS 1, FMPH 40, FMPH 50, HILD 7A, B, or C (only one allowed), LIGN 4, LIGN 7, LIGN 8, LIGN 101, MMW 121, MMW 122, PSYC 1, PSYC 2, PSYC 3, PSYC 6, PSYC 7, SOCI 1, or SOCI 20.

**PLEASE NOTE:** Transfer courses that have not been articulated on ASSIST may be considered to fulfill HDS requirements, but must be approved via petition on an individual basis by the HDS Program. Those transferable courses that are very similar to UCSD's will be accepted, as well as comparable courses at an equivalent academic level ONLY for the Human Development major.

UC San Diego Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the links below:

Advanced Placement (AP) <https://www.ucsd.edu/catalog/pdf/APC-chart.pdf>

International Baccalaureate (IB) [https://catalog.ucsd.edu/\\_files/international-baccalaureate-credits-chart.pdf](https://catalog.ucsd.edu/_files/international-baccalaureate-credits-chart.pdf)

**HDS 1** - Introduction to Human Developmental Sciences (4.00)



This course must be taken at the university after transfer

## ONE STATISTICS COURSE

**HDS 60** - Introduction to Statistical Analysis (4.00)



This course must be taken at the university after transfer

## BIOLOGICAL SCIENCES: TWO COURSES

**ANTH 2** - Human Origins (4.00)



**ANTH 1** - Physical Anthropology (4.00)

--- Or ---

**ANTH 1H** - Physical Anthropology - HONORS (4.00)

**BILD 1** - The Cell (4.00)



**BIOL 6A** - Form and Function in the Biological World (6.00)

--- And ---

**BIOL 6B** - Cell and Molecular Biology (6.00)

--- And ---

**BIOL 6C** - Ecology and Evolution (6.00)

--- Or ---

**BIOL 6AH** - Form and Function in the Biological World - HONORS (6.00)

--- And ---

**BIOL 6B** - Cell and Molecular Biology (6.00)

--- And ---

**BIOL 6CH** - Ecology and Evolution - HONORS (6.00)

**BILD 2** - Multicellular Life (4.00)



**BIOL 6A** - Form and Function in the Biological World (6.00)

--- And ---

**BIOL 6B** - Cell and Molecular Biology (6.00)

--- And ---

**BIOL 6C** - Ecology and Evolution (6.00)

--- Or ---

**BIOL 6AH** - Form and Function in the Biological World - HONORS (6.00)

--- And ---

**BIOL 6B** - Cell and Molecular Biology (6.00)

--- And ---

**BIOL 6CH** - Ecology and Evolution - HONORS (6.00)

**BILD 3** - Organismic and Evolutionary Biology (4.00)



**BIOL 6A** - Form and Function in the Biological World (6.00)

--- And ---

**BIOL 6B** - Cell and Molecular Biology (6.00)

--- And ---

**BIOL 6C** - Ecology and Evolution (6.00)

--- Or ---

**BIOL 6AH** - Form and Function in the Biological World - HONORS (6.00)

--- And ---

**BIOL 6B** - Cell and Molecular Biology (6.00)

--- And ---

**BIOL 6CH** - Ecology and Evolution - HONORS (6.00)

**BILD 12** - Neurobiology and Behavior (4.00)



No Course Articulated

|  |   |  |
|--|---|--|
| <b>BILD 20</b> - Human Genetics in Modern Society (4.00) | ← | No Course Articulated  |
| <b>BILD 26</b> - Human Physiology (4.00)                 | ← | <div> <b>BIOL 40A</b> - Human Anatomy and Physiology (5.00) </div> <div> --- And --- </div> <div> <b>BIOL 40B</b> - Human Anatomy and Physiology (5.00) </div> <div> --- And --- </div> <div> <b>BIOL 40C</b> - Human Anatomy and Physiology (5.00) </div> |
| <b>COGS 17</b> - Neurobiology of Cognition (4.00)        | ← | <b>PSYC 24</b> - Introduction to Psychobiology (4.00)  |

## TWO FORMAL SKILLS COURSES

|   |   |   |
|---|---|---|
| <b>MATH 10A</b> - Calculus I (4.00)   | ← | No Course Articulated   |
| <b>MATH 10B</b> - Calculus II (4.00)  | ← | No Course Articulated   |
| <b>MATH 10C</b> - Calculus III (4.00)   | ← | No Course Articulated   |
| <b>MATH 20A</b> - Calculus for Science and Engineering (4.00)   | ← | <b>MATH 1A</b> - Calculus (5.00)<br>--- Or ---<br><b>MATH 1AH</b> - Calculus - HONORS (5.00)  |
| <b>MATH 20B</b> - Calculus for Science and Engineering (4.00)   | ← | <b>MATH 1B</b> - Calculus (5.00)<br>--- Or ---<br><b>MATH 1BH</b> - Calculus - HONORS (5.00)  |
| <b>MATH 20C</b> - Calculus and Analytic Geometry for Science and Engineering (4.00)                     | ← | <div> <b>MATH 1C</b> - Calculus (5.00) </div> <div> --- And --- </div> <div> <b>MATH 1D</b> - Calculus (5.00) </div> <div> --- Or --- </div> <div> <b>MATH 1CH</b> - Calculus - HONORS (5.00) </div> <div> --- And --- </div> <div> <b>MATH 1DH</b> - Calculus - HONORS (5.00) </div> |
| <b>CSE 8A</b> - Introduction to Programming and Computational Problem Solving I (4.00)                  | ← | <b>CIS 22A</b> - Beginning Programming Methodologies in C++ (4.50)<br>--- Or ---<br><b>CIS 36A</b> - Introduction to Computer Programming Using Java (4.50)<br>--- Or ---<br><b>CIS 40</b> - Introduction to Programming in Python (4.50)   |
| <b>CSE 11</b> - Introduction to Programming and Computational Problem Solving - Accelerated Pace (4.00) | ← | <b>CIS 35A</b> - Java Programming (4.50)<br>--- Or ---<br><div> <b>CIS 36A</b> - Introduction to Computer Programming Using Java (4.50) </div> <div> --- And --- </div> <div> <b>CIS 36B</b> - Intermediate Problem Solving in Java (4.50) </div>                                     |

## SOCIAL SCIENCE: TWO COURSES

|  |   |  |
|--|---|--|
| <b>ANTH 1</b> - Introduction to Culture (4.00)           | ← | <b>ANTH 2</b> - Cultural Anthropology (4.00)<br>--- Or ---<br><b>ANTH 2H</b> - Cultural Anthropology - HONORS (4.00) |
| <b>ANTH 3</b> - World Prehistory (4.00)                  | ← | <b>ANTH 4</b> - World Prehistory (4.00)  |
| <b>COMM 10</b> - Introduction to Communication (4.00)    | ← | This course must be taken at the university after transfer   |
| <b>COGS 1</b> - Introduction to Cognitive Science (4.00) | ← | This course must be taken at the university after transfer   |

|   |   |   |
|---|---|---|
| <b>HILD 7A</b> - Race and Ethnicity in the United States (4.00) | ← | <b>AFAM 12A</b> - African American History to 1865 (4.00)<br>Same-As: HIST 18A    |
| --- Or ---  |   |   |
|   |   | <b>AFAM 12B</b> - African American History Since 1865 (4.00)<br>Same-As: HIST 18B |
| --- Or ---  |   |   |
| <b>HILD 7B</b> - Race and Ethnicity in the United States (4.00) | ← | <b>ASAM 1</b> - Asian American Experience Past and Present (4.00)                 |
| --- Or ---  |   |   |
|   |   | <b>ASAM 10</b> - Contemporary Asian American Communities (4.00)                   |
| --- Or ---  |   |   |
| <b>HILD 7C</b> - Race and Ethnicity in the United States (4.00) | ← | No Course Articulated   |

|   |   |   |
|---|---|---|
| <b>PSYC 1</b> - Psychology (4.00)                                 | ← | <b>PSYC 1</b> - General Psychology (4.00)   |
| <b>PSYC 2</b> - General Psychology: Biological Foundations (4.00) | ← | <b>PSYC 24</b> - Introduction to Psychobiology (4.00)                                 |
| <b>PSYC 3</b> - General Psychology: Cognitive Foundations (4.00)  | ← | No Course Articulated   |
| <b>SOCI 1</b> - Introduction to Sociology (4.00)                  | ← | <b>SOC 1</b> - Introduction to Sociology (4.00)                                       |
| <b>SOCI 20</b> - Social Change in the Modern World (4.00)         | ← | <b>SOC 5</b> - Sociology of Globalization and Social Change (4.00)<br>Same-As: INTL 8 |

**END OF AGREEMENT**