HUMAN DEVELOPMENT, BACHELOR OF SCIENCE

College of Agricultural & Environmental Sciences
Faculty (http://humanecology.ucdavis.edu/hdfs-faculty/)

The Major Program
Human development explores the developmental process in humans throughout the life cycle. Biological, psychological, social, and contextual processes on development are studied. Students can choose emphases in Health and Well being across the Lifespan, or Children and Families across the Lifespan.

The Program
Human development majors complete a group of preparatory courses in anthropology, biology, philosophy, psychology, and statistics. Upper division students can design their programs to specialize in one of two track areas. For instance, students can study either Health and Well being, or Children and Families, both of these tracks emphasize a lifespan developmental approach. Students can also pursue the general Human Development track which broadly exposes students to multiple influences on individual development and family processes.

Internships & Career Alternatives
At least one practicum course is required. A second practicum or supervised internship can be used to fulfill the restricted elective requirement for the major. In addition, students can intern in schools, early childhood education or senior centers, hospitals, rehabilitation centers, probation offices, group foster homes, mental health clinics, or as tutors for handicapped or bilingual students. Human development graduates fill a wide variety of positions in preschools, elementary and special educational settings, programs designed for parents, families, and the elderly, as well as governmental jobs related to social services for people of all ages. Students who choose the Health & Well being track can apply to medical school or pursue training for positions in the health sciences. Human development prepares students to pursue advanced degrees in behavioral and social sciences, education, social work, family law, or health sciences.

Preparatory Requirements
UC Davis students who wish to change their major to Human Development must be in good academic standing. Students must complete the following courses with a combined grade point average of at least 2.500. All of the following courses must be taken for a letter grade:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC 001</td>
<td>General Psychology</td>
<td>4</td>
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<tr>
<td>Choose one:</td>
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<td></td>
</tr>
<tr>
<td>STA 013</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSC 041</td>
<td>Research Methods in Psychology</td>
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<tr>
<td>Choose one:</td>
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<td></td>
</tr>
<tr>
<td>ANT 001</td>
<td>Human Evolutionary Biology</td>
<td>4-5</td>
</tr>
<tr>
<td>ANT 002</td>
<td>Cultural Anthropology</td>
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<tr>
<td>ANT 015</td>
<td>From Birth to Death: The Evolution of the Human Life Cycle</td>
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Students must have achieved a 2.000 GPA in any required upper division courses taken prior to declaring the major.

All courses satisfying the Preparatory Subject Matter, Depth Subject Matter, Restricted Electives and Human Development Major English Coursework Requirement must be taken for a letter grade.

Major Advisor
Johnna Swartz

Graduate Study
Graduate study is available through a Master of Science degree in child development, and a Ph.D. degree in human development. See also Graduate Studies (http://gradstudies.ucdavis.edu/).

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Preparatory Subject Matter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anthropology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choose one: 4-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANT 001</td>
<td>Human Evolutionary Biology</td>
<td></td>
</tr>
<tr>
<td>or ANT 001Y</td>
<td>Human Evolutionary Biology (Hybrid Version)</td>
<td></td>
</tr>
<tr>
<td>ANT 002</td>
<td>Cultural Anthropology</td>
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<tr>
<td>ANT 015</td>
<td>From Birth to Death: The Evolution of the Human Life Cycle</td>
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</table>

Biology
Choose two: 6-10
- BIS 002A Introduction to Biology: Essentials of Life on Earth
- BIS 010 Everyday Biology
- BIS 101 Genes & Gene Expression
- MIC 010 Natural History of Infectious Diseases
- MCB 010 Introduction to Human Heredity
- NPB 010 Elementary Human Physiology
- NPB 012 The Human Brain & Disease
- NPB 101 Systemic Physiology
- PSC 101 Introduction to Biological Psychology

Philosophy
Choose two: 8
- PHI 005 Critical Reasoning
- PHI 015 Introduction to Bioethics
- PHI 030 Introduction to Philosophy of Science
- PHI 031 Appraising Scientific Reasoning
- PHI 032 Understanding Scientific Change
- PHI 038 Introduction to Philosophy of Biology

Psychology
Choose two: 4
- PSC 001 General Psychology
**Human Development, Bachelor of Science**

**Statistics**

Choose one:
- PSC 041 Research Methods in Psychology
- STA 013 Elementary Statistics

Preparatory Subject Matter Subtotal: 26-31

**Depth Subject Matter**

**Life Span**
- HDE 100A Infancy & Early Childhood (4 units)
- HDE 100B Middle Childhood & Adolescence (4 units)
- HDE 100C Adulthood & Aging (4 units)

**Research Methods**
- HDE 120 Research Methods in Human Development (5 units)

**Practicum**

Choose one:
- HDE 140L Laboratory in Early Childhood (MAY ONLY BE TAKEN FOR 4 UNITS.) (1-4 units)
- HDE 141 Field Study With Children & Adolescents (4 units)
- HDE 142 Field Study with Emotionally Distressed Children & Adolescents (4 units)
- HDE 143 Field Studies of the Elderly (4 units)

**Area of Specialization (Tracks)**

Choose one track, and take three courses within that track; see track options below:

**Health & Wellbeing (p. 2)**
- General HDE; choose any three upper division HDE courses. These courses cannot overlap with the depth subject.

**Children & Families Across the Lifespan (p. 2)**
- HDE 104 Children in Families, Schools, Communities
- HDE 110 Families in Communities
- HDE 111 Family Stress & Resilience
- HDE 112 Social Relationships Across the Lifespan
- HDE 180 Special Topics in Human Development

**Restricted Electives**

Choose additional upper division courses for 19-20 units from a list of restricted electives related to your track in consultation with faculty advisor. 19-20

**Depth Subject Matter Subtotal**: 52-55

**Human Development English Coursework Requirement**

Choose three courses in English Composition; at least one must be upper division: 1

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ENL 003</td>
<td>Introduction to Literature</td>
<td></td>
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<tr>
<td>UWP 001</td>
<td>Introduction to Academic Literacies</td>
<td></td>
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<tr>
<td>UWP 001Y</td>
<td>Introduction to Academic Literacies</td>
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</tr>
<tr>
<td>UWP 048</td>
<td>Style in the Essay</td>
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<tr>
<td>UWP 049</td>
<td>Writing Research Papers</td>
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<tr>
<td>CMN 001</td>
<td>Introduction to Public Speaking</td>
<td></td>
</tr>
<tr>
<td>COM 001</td>
<td>Major Works of the Ancient World</td>
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</tr>
<tr>
<td>COM 002</td>
<td>Major Works of the Medieval &amp; Early Modern World</td>
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<tr>
<td>COM 003</td>
<td>Major Works of the Modern World</td>
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<tr>
<td>COM 004</td>
<td>Major Works of the Contemporary World</td>
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<tr>
<td>NAS 005</td>
<td>Introduction to Native American Literature</td>
<td></td>
</tr>
</tbody>
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Choose at least one:
- UWP 101 Advanced Composition (Any of)
- Any of UWP 102 Series
- Any of UWP 104 Series

The Upper Division Composition Exam does not satisfy the requirement.

**Total Units**: 90-98

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1 Advanced Placement English score of 4 or 5 which satisfies ENL 003 and/or UWP 001 will satisfy one of the three required courses.