Integrative Human Biology (IHB) Minor

Integrative Human Biology (IHB) is a field that integrates the biological and behavioral sciences as they apply to Homo sapiens. The IHB minor consists of courses in human form and function, human evolution and biological variation, human behavior, and the roles humans play in local and global ecosystems. The aim is to provide students with the background they will need as professionals in the 21st-century health sciences and many other fields that engage directly with aspects of human adaptation and welfare.

Requirements for the Minor:

The minor consists of seven courses distributed across the following four areas:

[1] Hominin Evolution and Genetics
[2] Human Form and Function

Students will take one core course in each of these four areas and three electives from at least two of them. At least four of the courses taken for the minor must be at the upper-division level (3000 or above). All courses must be passed with a grade of “C” or higher. Students majoring in biology or anthropology may "double-count" courses for their major and for the IHB minor.

In the course list below, note that courses listed as core courses but not taken to satisfy the core requirement will also qualify as electives. Please see the IHB advisors for further information.

Advisors:

Anthropology: Shawn W. Carlyle, PhD
801-581-6251
ST 102 (William Stewart Bldg).
carlyle@anthro.utah.edu

Schedule apt. at: http://anthro.utah.edu/undergraduate-study/

Biology: Dave Gard
801-581-6244 – Rm 135 Building 44
advising@biology.utah.edu
**Complete 7 courses: 4 CORE + 3 ELECTIVES**

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<th>Notes</th>
<th>7 TOTAL</th>
<th>ELECTIVES</th>
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<tr>
<td></td>
<td>4 CORE</td>
<td>3 ELECTIVES</td>
<td>4 required Upper Div. (3000+)</td>
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### [1] Hominin Evolution & Genetics

**Core course:**
- ANTH 1020 Human Origins: Evol & Diversity
- ANTH 4252 Human Biology

**Electives:**
- ANTH 1050 The Evolution of Human Nature
- ANTH 2020 Human Evolution
- ANTH 4261 Paleoanthropology
- ANTH/BIOL 5221 Human Evol, Genetics
- ANTH 3331/5331 Pleistocene Archaeology
- ANTH 4281/6281 Primates
- BIOL 2210 Human Genetics*
- BIOL 3410 Ecology & Evolution
- BIOL/ANTH 5471 Quant. Models in Evo. Ecol*
- BIOL 6420 Genetics and Genome*

(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)

### [2] Human Form & Function

**Core course:**
- BIOL 2325 Human Anatomy
- BIOL 2420 Human Physiology

**Electives:**
- ANTH 4133 Maternal and Child Health
- ANTH 4271 Human Osteology
- ANTH 4272 Forensic Anthro*
- ANTH 4291 Evolution of Human Health
- BIOL 3310 Comp. Vertebrate Morphology*
- BIOL 3320 Comparative Physiology
- BIOL 3330 Behavioral Neurobiology
- BIOL 5315 Advanced Human Anatomy*
- BIOL 5320 Comparative Physiology
- BIOL 5330 Behavioral Neurobiology
- BIOL 5351 Human Anatomy

(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)

### [3] Evolution of Human Behavior & Culture

**Core course:**
- ANTH 4461 Behav. Ecology & Anthropology
- ANTH 4481 Evolutionary Psychology

**Electives:**
- ANTH 2018 Human Universals
- ANTH 4150 Evol. of Societies and Cultures
- ANTH 4138 Anthro. of Violence & NonViol.
- ANTH 4183 Sex & Gender
- ANTH 4184 Hunter-Gatherer Ethnology
- BIOL 3430 Behavioral Ecology
- BIOL 5320 The Biology of Aggression*

(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)


**Core/Elective: Choose one (1) Core. Any of these courses will satisfy the core course requirement in this area.**
- ANTH 4186 Human Ecology
- BIOL 3410 Ecology & Evolution
- BIOL 3460 Global Environmental Issues
- BIOL 5440 Urban Ecology*
- BIOL 5490 Ecosystem Ecology*

*See Course Catalog for pre-requisites.

**Minimum Totals:**
- 7
- 3 in 2 areas
- 4

**Notes:**
- AH Can be counted towards Anthropology Health Emphasis
- BF = one Social/Behavioral Sci gen ed rqmt
- AS = one "Applied Science" gen ed rqmt
- F&F = Biology "Form and Function" rqmt
- BC = Biology Core
- IR = University "International" rqmt
- BE Counts as Biology Elective
- QI = one University "Quantitative Intensive" course rqmt
- BL Counts as Biology Lab
- SF = one "Physical/Life Science Exploration" gen ed rqmt