

# 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**
- [ 3 ] **Evolution of Human Behavior and Culture**
- [ 4 ] **Human Ecology and Environment**

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.

### Advisor:

Anthropology: Shawn W. Carlyle, PhD

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Schedule appointment at: <http://anthro.utah.edu> (click “Book an Advising Appointment” button on lower right-hand side)

Biology: Denise Brenes

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## Minor Worksheet

Complete 7 courses: 4 CORE + 3 ELECTIVES		Notes	7 TOTAL	ELECTIVES	UD
Complete one "core" course from each of four areas. Complete three electives from at least two different subject areas. Four courses must be upper division (3000+). All courses must be completed with a grade of "C" or better. Core courses not used to satisfy core requirements may be used as electives in that section. *See Course Catalog for pre-requisites.			4 CORE 3 ELECTIVES	3 required in at least 2 different areas	4 required Upper Div. (3000+)
<b>[ 1 ] Hominin Evolution &amp; Genetics</b>					
<b>Core course:</b>	ANTH 1020 Human Origins: Evol & Diversity	SF/HE			
Chose one (1)	ANTH 4252 Human Biology	HE			
<b>Electives:</b>	ANTH 1030 World Prehistory, An Introduction	SF/HE			
(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)	ANTH 1050 The Evolution of Human Nature	SF/HE			
	ANTH 3211 Biology of Native Americans	HE			
	ANTH 4261 Paleoanthropology				
	ANTH/BIOL 5221 Human Evol. Genetics*	HE/BE/BL/QI			
	ANTH 4281/6281 Primates	SF			
	BIOL 2210 Human Genetics*	SF/BE			
	BIOL 3410 Ecology & Evolution*	BC			
	BIOL/ANTH 5471 Quant. Models in Evo. Ecol*	BE/QI			
<b>[ 2 ] Human Form &amp; Function</b>					
<b>Core course:</b>	BIOL 2325 Human Anatomy	HE/BE/BL			
Chose one (1)	BIOL 2420 Human Physiology*	HE/AS/BE			
<b>Electives:</b>	ANTH 4133 Maternal and Child Health	HE			
(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)	ANTH 4271 Human Osteology	HE			
	ANTH 4272 Forensic Anthropology*	HE			
	ANTH 4291 Evolution of Human Health	HE			
	BIOL 3310 Comp. Vertebrate Morphology*	F&F			
	BIOL 3320 Comparative Physiology*	F&F			
	BIOL 3330 Behavioral Neurobiology*	F&F			
	BIOL 3380 Evol. & Physiological Basis of Health*	BE			
	BIOL 5315 Advanced Human Anatomy*	BE			
<b>[ 3 ] Evolution of Human Behavior &amp; Culture</b>					
<b>Core course:</b>	ANTH 4461 Behav. Ecology & Anthropology*	HE/BF			
Chose one (1)	ANTH 4481 Evolutionary Psychology	HE/BF			
<b>Electives:</b>	ANTH 4138 Anthro. of Violence & NonViol.	HE			
(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)	ANTH 4183 Sex & Gender	HE			
	ANTH 4184 The Ecology of Hunter-Gatherers				
	ANTH 4450 Biol. of Human Growth Develop	SF			
	BIOL 3430 Behavioral Ecology*	BE			
<b>[ 4 ] Human Ecology &amp; Environment</b>					
Core/Elective: Chose one (1) Core. Any of these courses will satisfy the core course requirement in this area.	ANTH 2055 Human Ecology of Sustainability				
	ANTH 4186 Human Ecology				
	BIOL 3410 Ecology & Evolution*	BC			
	BIOL 3460 Global Environmental Issues	BE/IR/SF			
	BIOL 5440 Urban Ecology*	BE			
	BIOL 5490 Ecosystem Ecology*	BE			
<b>*See Course Catalog for pre-requisites.</b>					
<b>Minimum Totals</b>			<b>7</b>	<b>3 in 2 areas</b>	<b>4</b>
<b>Notes:</b>					
<b>HE</b> = Can be counted towards Anthropology Health Emphasis			<b>BF</b> = one Social/Behavioral Sci gen ed rqmt		
<b>AS</b> = one "Applied Science" gen ed rqmt			<b>F&amp;F</b> = Biology "Form and Function" rqmt		
<b>BC</b> Biology Core			<b>IR</b> = University "International" rqmt		
<b>BE</b> Counts as Biology Elective			<b>QI</b> = one University "Quantitative Intensive" course rqmt		
<b>BL</b> Counts as Biology Lab			<b>SF</b> = one "Physical/Life Science Exploration" gen ed rqmt		