

# 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, Ph.D.**

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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 3252 Human Biology*	HE			
<b>Electives:</b>	ANTH 1030 World Prehistory, An Introduction	BF/HE/EA			
(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/EA			
	ANTH 5211 Biology of Native Americans*	HE/EA			
	ANTH 3234 Genes, Health, and Human History	SF/HE/EA			
	ANTH 3261 Paleoanthropology*	EA			
	ANTH/BIOL 5221 Human Evol. Genetics*	HE/BE/BL/QI			
	ANTH 5281 Primates*	EA			
	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 3220 Introduction Forensic Anth. and CSI	HE/EA			
(Courses listed as core can also be taken as electives, if not chosen to fulfill the core requirement, but do not double count)	ANTH 3271 Human Osteology	HE/EA			
	ANTH 3291 Evolution of Human Health	HE/EA			
	ANTH 5272 Forensic Anthropology*	HE/EA			
	ANTH 5372 Zooarchaeology	HE/EA			
	ANTH 5433 Maternal and Child Health*	HE/EA			
	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 3665 Form, Function and Adaptation in Animals*				
BIOL 5315 Advanced Human Anatomy*	BE				
<b>[ 3 ] Evolution of Human Behavior &amp; Culture</b>					
Core/Elective: Choose one (1) Core. Any of these courses will satisfy the core course requirements in this area.	ANTH 2225 Genes and Society	EA			
	ANTH 3138 Anthro. of Violence & NonViol.				
	ANTH 3283 Sex & Gender	HE/DV			
	ANTH 3450 Biology of Human Growth and Development	SF/HE/EA			
	ANTH 3484 The Ecology of Hunters and Gatherers				
	BIOL 3430 Behavioral Ecology*	BE			
	PSY/ANTH 3290 Stress and Development*	HE			
	ANTH 5461 Behav. Ecology & Anthropology*	HE			
<b>[ 4 ] Human Ecology &amp; Environment</b>					
Core/Elective: Choose one (1) Core. Any of these courses will satisfy the core course requirement in this area.	ANTH 3486 Human Ecology	SF			
	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>					
HE = 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		