

Anthropology Bachelor of Science (B.S.)

Evolutionary Emphasis, 99-107 total units

This advising material only includes major requirements. The completion of 180 units including at least 64 upper division units is required to graduate. Please check with the College of Letters and Science Advising Office to confirm you have met all other GE and requirements: <http://www.ls.ucdavis.edu/advising>.

Lower Division Requirements: 54-62 units

Course #	Title	Course	Units
ANT 1	Human Evolutionary Biology (4 units)	_____	
ANT 2	Introduction to Cultural Anthropology (5 units)	_____	
ANT 3	Introduction to Archaeology (4 units)	_____	
Biological Sciences			
BIS 2A	Introduction: Essentials of Life on Earth (5 units)	_____	
BIS 2B	Introduction: Principles of Ecology and Evolution (5 units)	_____	
BIS 2C	Introduction: Biodiversity and the Tree of Life (5 units)	_____	
Chemistry			
CHE 2A	General Chemistry (5 units)	_____	
CHE 2B	General Chemistry (5 units)	_____	
Organic Chemistry: Select One Course			
CHE 8A	Organic Chemistry: A Brief Course (2 units)	_____	
CHE 118A	Organic Chemistry for Health and Life Sciences (4 units)	_____	
Organic Chemistry: Select One Course			
CHE 8B	Organic Chemistry: Brief Course (4 units)	_____	
CHE 118B	Organic Chemistry for Health and Life Sciences (4 units)	_____	
Mathematics: You can combine courses from the following calculus series: MAT 16A-C Short-Calculus, MAT 17A-C Calculus for Biology and Medicine, or MAT 21A-C Calculus for Engineering series to complete courses A through C.			
MAT 16A (3 units) or 17A (4 units) or 21A (4 units)		_____	
MAT 16B (3 units) or 17B (4 units) or 21B (4 units)		_____	
MAT 16C (3 units) or 17C (4 units) or 21C (4 units)		_____	
Statistics: Select One Course			
ANT 13	Scientific Method in Physical Anthro (4 units) <i>Offered Irregularly</i>	_____	
STA 13	Elementary Statistics (4 units)	_____	
SOC 46B	Introduction to Social Research (5 units)	_____	
STA 32	Introductory Statistical Analysis Through Computers (4 units)	_____	
STA 100	Applied Statistics for Biological Sciences (4 units)	_____	
Total Lower Division Units:			_____ /54

Upper Division Requirements: 45 units

Paleoanthropology: Select One Course			
ANT 151	Primate Evolution (4 units)	_____	
ANT 152	Human Evolution (5 units)	_____	
Molecular Anthropology: Select One Course			
ANT 153	Human Biological Variation (5 units)	_____	
ANT 157	Anthropological Genetics (3 units) <i>Offered Irregularly</i>	_____	
ANT 159	Molecular Anthropology of Native America (4 units) <i>Offered Irregularly</i>	_____	

Upper Division Requirements Continued

	Course	Units
Primate Behavior and Ecology: Select One Course		
ANT 154A The Evolution of Primate Behavior (5 units)		
ANT 154B Primate Evolutionary Behavior (5 units)		

Biological Sciences

BIS 101 Genes and Gene Expression (4 units)		
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Evolution and Ecology

EVE 100 Introduction to Evolution (4 units)		
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Anthropology Electives: 11-15 units

Select any three (3) upper division anthropology courses, courses can be either evolutionary or sociocultural, including ANT 191. Research and internship units cannot be applied here.		

Restricted Electives: 10-15 units

Select any three (3) upper division restricted electives to meet at least 10 units or enough to meet 45 upper division units in major		

Total Upper Division Units:		/45
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Anthropology

- 101. Ecology, Nature, and Society (4)
- 103. Indigenous Peoples and Conservation (4)
- 105. Evolution of Societies and Cultures (4)
- 122A. Economic Anthropology (4)
- 151. Primate Evolution (4)
- 152. Human Evolution (5)
- 153. Human Biological Variation (5)
- 154A. The Evolution of Primate Behavior (5)
- 154B. Primate Evolutionary Ecology (5)
- 154C. Behavior and Ecology of Primates (2)
- 154CL. Laboratory in Primate Behavior (4)
- 156A. Human Osteology (4)
- 156B. Advanced Human Osteology (4)
- 157. Anthropological Genetics (3)
- 157L. Lab in Anthropological Genetics (2)
- 158. Evolution of Females and Males (4)
- 159. Molecular Anthro of Native America (4)
- 180. Zooarcheology (4)
- 182. Archaeometry (4)
- 185. Lithic Analysis (4)

Anatomy, Physiology, & Cell Biology

- 100. Comparative Vertebrate Organology (4)

Biology

- 102. Structure and Function of Biomolecules (3)
- 103. Bioenergetics and Metabolism (3)

Cell Biology and Human Anatomy

- 101. Human Gross Anatomy (4)
- 101L. Human Gross Anatomy Laboratory (3)

Environmental Science and Policy

- 100. General Ecology (4)

Evolution and Ecology

- 101. Introduction to Ecology (4)
- 102. Population and Quantitative Genetics (4)
- 103. Phylogeny, Speciation and Macroevolution (4)
- 104. Community Ecology (4)
- 105. Phylogenetic Analysis of Vertebrate (4)
- 138. Ecology of Tropical Latitudes (5)
- 141. Principles of Systematics (3)
- 147. Biogeography (4)
- 149. Evolution of Ecological Systems (4)
- 175. Computational Genetics (3)

Exercise Biology

- 103. Analysis and Control of Human Movement (4)
- 106. Human Gross Anatomy (4)
- 106L. Human Gross Anatomy Laboratory (3)
- 115. Biomechanical Bases of Movement (3)

Geology

- 107. Earth History: Paleobiology (3)
- 107L. Earth History: Paleobiology Laboratory (2)
- 108. Earth History: Paleoclimates (3)
- 144. Historical Ecology (3)
- 146. Radiogenic Isotope Geochemistry (3)

Molecular and Cellular Biology

- 120L. Molecular Biology and Biochemistry Lab (6)
- 121. Advanced Molecular Biology (3)
- 150. Developmental Biology (4)
- 160L. Principles of Genetics Laboratory (5)
- 162. Human Genetics and Genomics (3)
- 163. Developmental Genetics (3)
- 164. Advanced Eukaryotic Genetics (3)

Neurobiology, Physiology, and Behavior

- 101. Systemic Physiology (5)
- 101L. Systemic Physiology Laboratory (3)
- 102. Animal Behavior (3)
- 123. Comparative Vertebrate Organology (4)
- 124. Comparative Neuroanatomy (4)
- 150. Advanced Animal Behavior (4)
- 152. Hormones and Behavior (3)

Psychology

- 101. Introduction to Biological
- 113. Developmental Psychobiology (4)
- 121. Physiological Psychology (4)
- 122. Advanced Animal Behavior (4)
- 123. Hormones and Behavior (3)
- 124. Comparative Neuroanatomy (4)

Science and Technology Studies

- 131. Darwin (4)

Statistics

- 104. Nonparametric Statistics (4)
- 106. Analysis of Variance (4)
- 108. Regression Analysis (4)
- 130A. Mathematical Statistics: Brief Course (4)
- 130B. Mathematical Statistics: Brief Course (4)

Wildlife, Fish, and Conservation Biology

- 141. Behavioral Ecology (4)
- 154. Conservation Biology (4)