

**Alternative for the Foreign Language Requirement for the B.S. in Biological Sciences  
Effective FS2019**

Students may select 12 hours of courses numbered 2000 or above from **one** of the following two tracks as an alternative for the Foreign Language requirement.

**You may not pick and choose among the tracks – your alternative for Foreign Language must consist of courses from the same track.**

**Courses used from this list to meet the Foreign Language Requirement may NOT be used to satisfy major or Arts and Science Foundation requirements.**

All of the courses on this list have been offered on a more-or-less regular basis for the past 5 years; however, the Division of Biological Sciences makes no representation that they will continue to do so. Some courses may be restricted to majors during the early registration period. Students should confer with the appropriate departments when questions arise about the offering of particular courses on this list or the availability of spaces for non-majors.

**Environmental and Conservation Biology**

<input type="checkbox"/> AN SCI 3213 Genetics of Agric Plants and Animals (3)	<input type="checkbox"/> F & W 2500 Intro to Genetics and Evolution for Conservation (3)	<input type="checkbox"/> GEOG 2610 Climate, Landforms and Vegetation (3)
<input type="checkbox"/> AN SCI 4314 Physiology of Reproduction (3)	<input type="checkbox"/> F & W 3600 Introduction to Conservation Biology (3)	<input type="checkbox"/> GEOG 2660 Environmental Geography (3)
<input type="checkbox"/> AN SCI 4323 Applied Livestock Genetics (2)	<input type="checkbox"/> F & W 3900 Ecology of Fishes (3)	<input type="checkbox"/> GEOG 3040 Intro to Geographic Info System GIS (3)
<input type="checkbox"/> AN SCI 4324 Genomics of Plants and Animals (2)	<input type="checkbox"/> F & W 4200 Urban Wildlife Conservation (3)	<input type="checkbox"/> GEOG 4620 Biogeography (3)
<input type="checkbox"/> ANTHRO 2500 Primate Anatomy and Evolution (3)	<input type="checkbox"/> F & W 4600 Ecosystems Management (4)	<input type="checkbox"/> PHIL 2900 Environmental Ethics (3)
<input type="checkbox"/> ANTHRO 3560 Plagues and Peoples (3)	<input type="checkbox"/> F & W 4800 Environmental Toxicology (3)	<input type="checkbox"/> PLNT SC 2125 Plant Structure and Function (3)
<input type="checkbox"/> ANTHRO 4885 Anthropological Genetics (3)	<input type="checkbox"/> FOREST 2151 Dendrology (4)	<input type="checkbox"/> PLNT SC 4500 Biology & Pathogenesis of Plant Microbes (4)
<input type="checkbox"/> ENV SCI 4312 Environmental Soil Microbiology (3)	<input type="checkbox"/> FOREST 4320 Forest Ecology (5)	<input type="checkbox"/> SOIL 2100 Introduction to Soils (3)
<input type="checkbox"/> ENV SCI 4320 Hydrologic and Water Quality Modeling (3)	<input type="checkbox"/> FOREST 4390 Watershed Management and Water Quality (3)	<input type="checkbox"/> SOIL 3290 Soils and the Environment (3)
		<input type="checkbox"/> SOIL 4313 Soil Fertility and Plant Nutrition (3)

**Medicine, Health and Society**

<input type="checkbox"/> ANTHRO 2050 Intro to Biological Anthropology with Lab (5)	<input type="checkbox"/> CHEM 2140 Organic Laboratory II (2)	<input type="checkbox"/> NEP 2340 Human Nutrition I (3)
<input type="checkbox"/> ANTHRO 2500 Primate Anatomy and Evolution (3)	<input type="checkbox"/> CHEM 2400 Fundamentals of Inorganic Chem with Lab (3)	<input type="checkbox"/> NEP 2380 Diet Therapy for Health Prof (3)
<input type="checkbox"/> ANTHRO 2580 Evolution of Human Sexuality (3)	<input type="checkbox"/> CHEM 3200 Quantitative Methods of Analysis with Lab (4)	<input type="checkbox"/> NEP 2450 Nutrition Throughout the Life Span (3)
<input type="checkbox"/> ANTHRO 3560 Plagues and Peoples (3)	<input type="checkbox"/> CHEM 3300 Fundamentals of Physical Chemistry (3)	<input type="checkbox"/> NEP 2460 Eating Disorders (2)
<input type="checkbox"/> ANTHRO 4360 Medical Anthropology (3)	<input type="checkbox"/> F S 2172 Elements of Food Microbiology (3)	<input type="checkbox"/> PHIL 2440 Medical Ethics (3)
<input type="checkbox"/> ANTHRO 4540 Human Biological Variation (3)	<input type="checkbox"/> F S 4370 Food Microbiology (3)	<input type="checkbox"/> PHIL 4400 Philosophy of Science (3)
<input type="checkbox"/> ANTHRO 4580 Evolutionary Medicine (3)	<input type="checkbox"/> HLTH SC 3300 Public Health Principles and Practice (3)	<input type="checkbox"/> PSYCH 3830 Health Psychology (3)
<input type="checkbox"/> ANTHRO 4885 Anthropological Genetics (3)	<input type="checkbox"/> HLTH SC 3400 Global Pub Health & Health Care Systems (3)	<input type="checkbox"/> PTH AS 2201 Human Anatomy Lecture (3)
<input type="checkbox"/> ANTHRO 4890 Human Skeletal Identification and Anal (5)	<input type="checkbox"/> HLTH SC 4300 Health Care in the US (3)	<input type="checkbox"/> PTH AS 2203 Human Anatomy Laboratory (2)
<input type="checkbox"/> BIOCHEM 4270 Biochemistry I (3)	<input type="checkbox"/> MICRO 4304 Immunology (3)	<input type="checkbox"/> RU SOC 2225 Science, Technology and Society (3)
<input type="checkbox"/> BIOCHEM 4272 Biochemistry II (3)	<input type="checkbox"/> MPP 4204 Medical Pharmacology (5)	<input type="checkbox"/> SOC 3440 Sociology of Health (3)
<input type="checkbox"/> BIOCHEM 4300 Physical Chemistry of Biological Systems (3)	<input type="checkbox"/> NEP 2222 Landscape of Obesity (3)	<input type="checkbox"/> WGST 4600 Studies in Women and Health (3)
<input type="checkbox"/> CDS 2190 Medical Terminology (3)		