

Major:

Biology (B.A.)

Departments/Programs:

Biology

Biology Major (B.A., 30 hours)

Courses	16 hours
BIO 050 General Biology of Plants	4 hours
BIO 060 General Biology of Animals	4 hours
BIO 160 Cell Biology	4 hours
BIO 170 Genetics	4 hours
Electives	12 hours
Bio electives Two lab courses drawn from at least two areas (A, B, C); additional hours from any areas (A, B, C, D, E).	12 hours
Senior Comprehensive	2 hours
BIO 298 Senior Thesis or BIO 299 Senior Research	2 hours

Biology Electives

Area A. Molecular and Cellular Biology	
BIO 219 Histology	4 hours
BIO 269 Microbiology	4 hours
BIO 275 Immunology	3 hours
BIO 276 Laboratory in Immunology	1 hours
BIO 281 Biochemistry or CHEM 255 Biochemistry	3 hours
BIO 281 Biochemistry with BIO 282 Biochemistry Laboratory or CHEM 255 Biochemistry with CHEM 258 Biochemical Methods	4 hours
BIO 283 Molecular Biology	4 hours
Area B. Organismal Biology	
BIO 212 Behavioral Neuroscience	4 hours
BIO 212 Behavioral Neuroscience and BIO 213 Laboratory in Behavioral Neuroscience	4 hours
BIO 222 Parasitology	4 hours
BIO 225 Plant Form and Function	4 hours
BIO 244 Developmental Biology	4 hours
BIO 246 Human and Comparative Anatomy	4 hours

Area B. Organismal Biology

BIO 262 Human and Comparative Physiology 4 hours

BIO 270 Pathophysiology 3 hours

Area C. Ecological, Evolutionary, and Taxonomic Biology

BIO 216 Medical Botany 3 hours

BIO 216 Medical Botany and
BIO 217 Medical Botany Lab 4 hours

BIO 218 Plant Taxonomy 4 hours

BIO 221 Ecology 4 hours

BIO 250 Conservation Biology 4 hours

BIO 261 Evolution 3 hours

BIO 264 Animal Behavior 3 hours

BIO 264 Animal Behavior with
BIO 265 Laboratory in Animal Behavior 4 hours

Area D. Global Experience in Biology

BIO 251 Tropical Biology of Costa Rica 3 hours

BIO 252 Tropical Biology of Belize 3 hours

BIO 253 Principles of Marine Biology 1 hours

BIO 254 Applied Marine Biology 3 hours

Area E. Additional Courses

BIO 190 Selected Topics 1 hours

BIO 200 An Introduction to Biomedical Ethics 2 hours

BIO 290 Selected Topics 1-5 hours

BIO 291 Directed Readings 1-6 hours

BIO 295 Independent Study 1-2 hours

BIO 008 Microbiology, BIO 009 Human Anatomy and Physiology, and BIO 010 Human Anatomy and Physiology may not be taken by biology majors to fulfill biology degree requirements.

An approved supporting area of 20 hours is also required, normally composed of courses from the Natural Sciences Division.