



## Major: Biology, Integrative Biology Concentration

This concentration will give students a diverse biology degree with exposure to various areas of the discipline.

### Required Courses:

Course number	Course title	Credit hours
BIO 1100	General Biology I and Laboratory	4
BIO 1110	General Biology II and Laboratory	4
BIO course numbered 2000+	Elective	4
BIO 4900	Seminar	4
Choose one of these courses: BIO 3800 BIO 4850	Internship Research	2
Choose two of these Natural History and Systems courses: BIO 2230 BIO 2250 BIO 3400 BIO 3450 BIO 3490	Natural History of Vertebrates and Laboratory Ornithology and Laboratory Ecology and Laboratory Environmental Science and Laboratory Aquatic Ecology and Laboratory	8
Choose two of these Organismal Biology and Evolution courses: BIO 2240 BIO 2300 BIO 2400 BIO 2600 BIO 3200 BIO 3300 BIO 3370	Invertebrate Zoology and Laboratory Human Anatomy and Physiology I and Laboratory Human Anatomy and Physiology II and Laboratory Parasitology and Laboratory Evolution Comparative Vertebrate Morphology and Laboratory Histology and Laboratory	8
Choose two of these Cell and Molecular Biology courses: BIO 3600 BIO 3650 BIO 3670 BIO 3690	Embryology and Laboratory Cell Biology and Laboratory Genetics and Laboratory Microbiology and Laboratory	8

### Required Related Courses:

Course number	Course title	Credit hours
CHM 1100	General Chemistry I and Laboratory	4
CHM 1200	General Chemistry II and Laboratory	4
CHM 3100	Organic Chemistry I and Laboratory	4
CHM 3200	Organic Chemistry II and Laboratory	4
Choose one of these courses: MAT 2060 MAT 2360	Calculus I Statistics	4
PHY 1100	General Physics I and Laboratory	4
PHY 1200	General Physics II and Laboratory	4

**Total minimal hours = 70 for B.S. degree**