



B.S. in Biology Education

For Office Use Only
BIOLEDBS.2017mrs
1454-1456
55-77 credits
Effective Date: 09/2018

*For specific course information – see Course Listings in Catalog

Biology Content

32-36 Credits

Biology Core

16 Credits

BIOL 112/L	4	Biology I – Cell and Molecular Biology/Lab
BIOL 113	3	Biology II – Evolution, Ecology, and Organismal Biology
CHEM 105/L	4	General Chemistry I/Lab
CHEM 106/L	4	General Chemistry II/Lab
BIOL 490r	1	Current Topics in Biology

Biology Electives

16-20 Credits

16-20 Credits Select 5 courses (3 or 4 credit courses) with at least one course from each of the following three divisions. In addition, take at least one of these lab courses: BIOL 220L, 484L, and 485L.

Cell and Molecular Biology

BIOL 220	3	Microbiology
BIOL 220L	1	Microbiology Lab
BIOL 376	3	Genetics
BIOL 441	3	Molecular Biology
BIOL 442	3	Cellular Biology
BIOL 484L	1	Biomolecular Methods Lab II – Nucleic Acids
BIOL 485L	1	Biomolecular Methods Lab III – Mammalian Cells

Organismal Biology

BIOL 201/L	4	General Botany/ Lab
BIOL 212/L	4	Marine Biology/ Lab
BIOL 260/LC	4	Human Anatomy/ Lab-Cadaver Based
BIOL 261/L	4	Human Physiology/ Lab
BIOL 302/L	4	Invertebrate Zoology/ Lab
BIOL 303/L	4	Vertebrate Zoology/ Lab
BIOL 460	3	Advanced Human Anatomy
BIOL 465	3	Principles of Physiology

Ecology, Evolution, and Population Biology

BIOL 204	2	Pacific Natural History
BIOL 204L	2	Pacific Natural History Lab
BIOL 248	3	Conservation Biology
BIOL 300/L	4	Animal Behavior/Lab
BIOL 340 or	3	Biostatistics or
MATH 121	3	Principle of Statistics
BIOL 350	3	Ecology
BIOL 350L	1	Ecology Lab
BIOL 374	3	Evolution and Human Prehistory
BIOL 376	3	Genetics
BIOL 412/L	4	Coral Reef Ecology/lab

Education

23-41 Credits

EDU 212	2	Foundations of Education
EDU 200	3	Human Growth and Learning in Schools

Recommended Elective

HWST 101	3	Intro. To Hawaiian Studies
EDU 340	2	Multiculturalism & Cul. Resp. Tch (SIOP)



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Apply to School of Education

SPED 300	3	Education of Exceptional Students
EDU 305	2	Comp. /Tech. Assisted Instruction
EDU 312	3	Effective Pedagogy
EDU 385	3	Education Assessment in the Classroom
SCED 350	2	General Methods for Secondary Teachers
SCED 401	3	A Multicultural Approach to Reading in the Content Area
SCED 430	2	Classroom Management in Secondary Contexts
SCED 491	3	Observation and Practicum
SCED 492	12	Student Teaching

No grade below “C-” accepted

All courses in the Education major can be retaken 1 time to improve a grade lower than C-. If the second attempt is lower than a C-, the student will be removed from the major.