

Applied Mathematics, Biology Track

Program: Applied Mathematics

Type: Track

Required courses

Required courses

Item #	Title	Credits
MATH 210	Elementary Statistics	3
MATH 231	Calculus I	4
MATH 232	Calculus II	4
MATH 233	Calculus III	4
MATH 310	Probability and Statistical Inference	3
MATH 331	Linear Algebra	3
MATH 431	Ordinary Differential Equations	3
CHEM 111	General Chemistry I	4
CHEM 111	General Chemistry I Laboratory	1
CPSC 111	Introduction to Computer Science	3
PHYS 231	Engineering Physics I	4
PHYS 231	Engineering Physics Laboratory I	1
BIOL 200	General Biology	3
BIOL 200	General Biology Laboratory	1
BIOL 201	Zoology	3
BIOL 201	Zoology Lab	1

Take 16 credits from the following:

Item #	Title	Credits
BIOL 202	Botany	3
BIOL 202	Botany Lab	1
BIOL 235	Microbiology for the Health Sciences	3
BIOL 235	Microbiology for the Health Sciences Lab	1
BIOL 311	Human Anatomy and Physiology	3
BIOL 311	Human Anatomy and Physiology Laboratory	1
BIOL 312	Human Anatomy and Physiology II	3
BIOL 312	Human Anatomy and Physiology II Laboratory	1
BIOL 342	Ecology	3
BIOL 342	Ecology Laboratory	1
BIOL 343	Environmental Biology Laboratory	1
BIOL 343	Environmental Biology	3

Total credits: 61
