



NORTHEASTERN STATE UNIVERSITY

College of Science & Health Professions

2016 – 2017 Integrative Biology – Fish and Wildlife

First Year – Freshman

Fall Semester	Spring Semester
ENGL 1113* Freshman Comp I	BIOL 1013* Intro Biology I
MATH 1513* College Algebra	BIOL 1011* Intro Biology I Lab
UNIV 1003* University Strategies	CHEM 1123* General Chemistry I
Humanities, 3 hours*	CHEM 1131* General Chemistry I Lab
Life Skills, 3 hours*	ENGL 1213* Freshman Comp II
	Communications, 3 hours* COMM 2213 recommended
	Humanities, 3 hours*
Total Hours 15	Total Hours 17

Second Year – Sophomore

Fall Semester	Spring Semester
BIOL 1023 Intro Biology II	BIOL 3003 Plant Biology
BIOL 1021 Intro Biology II Lab	BIOL 3114 Genetics
CHEM 1223 General Chemistry II	BIOL 3524 Ecology
CHEM 1231 General Chemistry II Lab	HIST 1483 or 1493* American History
POLS 1113* American Federal Government	
Global Perspectives, 3 hours*	
A course in statistics, MATH 3513 recommended	
Total Hours 17	Total Hours 14

Third Year – Junior

Fall Semester (odd)	Spring Semester (even)
BIOL 3013 Animal Biology	BIOL 3272 Wildlife Research Methods
BIOL 3344 Environmental Physiology	BIOL 4214 Animal Parasitology
BIOL 4324 Principles of Fish & Wild Management	Biology research, 2 hours
Biology elective, 4 hours	Vertebrate Systematics, 4 hours (ornithology)
	Social Sciences, 3 hours*
Total Hours 15	Total Hours 15

Fourth Year – Senior

Fall Semester (even)	Spring Semester (odd)
BIOL 3153 Evolutionary Biology	BIOL 3252 Fisheries Research Methods
BIOL 3464 Field Botany	BIOL 4621 Senior Seminar
BIOL 4554 Limnology	GEOG 3813 Geographic Information Systems
Vertebrate Systematics, 4 hours	H ED 1113 Personal Health or NUTR 1653 Basic Nutr.*
	Free electives, 7 hours
Total Hours 15	Total Hours 16

Third Year – Junior

Fall Semester (even)	Spring Semester (odd)
BIOL 3013 Animal Biology	BIOL 3252 Fisheries Research Methods
BIOL 3344 Environmental Physiology	BIOL 4214 Animal Parasitology
BIOL 4554 Limnology	GEOG 3813 Geographic Information Systems
Vertebrate Systematics, 4 hours	Vertebrate Systematics, 4 hours
	Social Sciences, 3 hours*
Total Hours 15	Total Hours 16

Fourth Year – Senior

Fall Semester (odd)	Spring Semester (even)
BIOL 3153 Evolutionary Biology	BIOL 3272 Wildlife Research Methods
BIOL 3464 Field Botany	BIOL 4621 Senior Seminar
BIOL 4324 Principles of Fish & Wild Management	H ED 1113 Personal Health or NUTR 1653 Basic Nutr.*
Biology elective, 4 hours	Biology research, 2 hours
	Free electives, 7 hours
Total Hours 15	Total Hours 15

Total Degree Plan Hours 124

*General Education Requirement. **See current catalog "General Requirements" for selection.