



NORTHEASTERN STATE UNIVERSITY

College of Science & Health Professions

2020 – 2021 Integrative Biology – Fish and Wildlife

First Year – Freshman

Fall Semester	Spring Semester
MATH 1513* College Algebra	CHEM 1123* General Chemistry I
UNIV 1003* University Strategies	CHEM 1131* General Chemistry I Lab
ENGL 1113* Freshman Comp I	BIOL 1023 Intro Biology II
Life Skills, 3 hours*	BIOL 1021 Intro Biology II Lab
BIOL 1013* Intro Biology I	ENGL 1213* Freshman Comp II
BIOL 1011* Intro Biology I Lab	Communications, 3 hours*
Total Hours 16	Total Hours 14

Second Year – Sophomore

Fall Semester	Spring Semester
BIOL 3013 Animal Biology	BIOL 3524 Ecology
Humanities, 3 hours*	BIOL 3114 Genetics
MATH 3513 Statistical Methods	BIOL 3003 Plant Biology
CHEM 1223 General Chemistry II	HIST 1483 or 1493* American History
CHEM 1231 General Chemistry II Lab	Humanities, 3 hours*
Total Hours 14	Total Hours 17

Third Year – Junior

Fall Semester	Spring Semester
BIOL 3153 Evolutionary Biology	Vertebrate Systematics, 4 hours (ornithology)
BIOL 3344 Environmental Physiology	BIOL 4214 Animal Parasitology
BIOL 4324 Principles of Fish & Wild Management (odd fall) OR BIOL 4554 Limnology (even fall)	BIOL 3252 Fisheries Research Methods (odd spring) OR BIOL 3272 Wildlife Research Methods (even spring)
POLS 1113* American Federal Government	Biology research experience, 2 hours
Free electives, 3 hours	Social Sciences, 3 hours*
Total Hours 16	Total Hours 15

Fourth Year – Senior

Fall Semester	Spring Semester
Vertebrate Systematics, 4 hours (mammalogy odd)	BIOL 4621 Senior Seminar
BIOL 4324 Principles of Fish & Wild Management (odd fall) OR BIOL 4554 Limnology (even fall)	BIOL 3252 Fisheries Research Methods (odd spring) OR BIOL 3272 Wildlife Research Methods (even spring)
BIOL 3464 Field Botany	H ED 1113 or NUTR 1653 Personal Health or Basic Nutr.
GEOG 3813 Geographic Information Systems	Biology elective, 4 hours
Global Perspectives, 3 hours*	Free electives, 4 hours
Total Hours 18	Total Hours 14

Total Degree Plan Hours 124

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

04/16/2020