



NORTHEASTERN STATE UNIVERSITY

College of Science & Health Professions

2020 – 2021 Integrative Biology – Organismic

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 Life Skills, 3 hours*	Communications, 3 hours*
BIOL 1013* Intro Biology I	ENGL 1213* Freshman Comp II
BIOL 1011* Intro Biology I Lab	BIOL 1023 Intro Biology II
	BIOL 1021 Intro Biology II Lab
Total Hours 16	Total Hours 14

Second Year – Sophomore

Fall Semester	Spring Semester
Humanities, 3 hours*	BIOL 3524 Ecology
MATH 3513 Statistical Methods	BIOL 3114 Genetics
BIOL 3013 Animal Biology	CHEM 3123 Organic Chemistry I
CHEM 1223 General Chemistry II	CHEM 3131 Organic Chemistry I Lab
CHEM 1231 General Chemistry II Lab	HIST 1483 or 1493* American History
Total Hours 14	Total Hours 15

Third Year – Junior

Fall Semester	Spring Semester
BIOL 3153 Evolutionary Biology	BIOL 3003 Plant Biology
BIOL 3344 Environmental Physiology	Vertebrate Systematics, 4 hours
Biology elective, 4 hours	BIOL 4214 Animal Parasitology
POLS 1113* American Federal Government	Social Sciences, 3 hours*
H ED 1113 or NUTR 1653 Personal Health or Basic Nutr.	Humanities, 3 hours*
Total Hours 16	Total Hours 17

Fourth Year – Senior

Fall Semester	Spring Semester
BIOL 3464 Field Botany	BIOL 4621 Senior Seminar
BIOL 3224 Microbiology	Selected Topics in Biology OR Biology electives, 8 hours
Selected Topics in Biology OR Biology elective, 3 hours	Global Perspectives, 3 hours*
Biology research experience, 2 hours	Free electives, 4 hours
Free Electives, 3 hours	
Total Hours 16	Total Hours 16

Total Degree Plan Hours 124

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

04/16/2020