



# NORTHEASTERN STATE UNIVERSITY

*College of Science & Health Professions*

## 2016 – 2017 Integrative Biology – Organismic

### First Year – Freshman

<b>Fall Semester</b>	<b>Spring Semester</b>
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*
<b>Total Hours 15</b>	<b>Total Hours 17</b>

### Second Year – Sophomore

<b>Fall Semester</b>	<b>Spring Semester</b>
BIOL 1023 Intro Biology II	BIOL 3114 Genetics
BIOL 1021 Intro Biology II Lab	BIOL 3524 Ecology
CHEM 1223 General Chemistry II	CHEM 3123 Organic Chemistry I
CHEM 1231 General Chemistry II Lab	CHEM 3132 Organic Chemistry I Lab
POLS 1113* American Federal Government	HIST 1483 or 1493* American History
Global Perspectives, 3 hours*	
A course in statistics, MATH 3513 recommended	
<b>Total Hours 17</b>	<b>Total Hours 16</b>

### Third Year – Junior

<b>Fall Semester</b>	<b>Spring Semester</b>
BIOL 3013 Animal Biology	BIOL 3003 Plant Biology
BIOL 3344 Environmental Physiology	BIOL 4214 Animal Parasitology
Biology elective, 4 hours	Vertebrate Systematics, 4 hours
H ED 1113 Personal Health or NUTR 1653 Basic Nutr.	Social Sciences, 3 hours*
<b>Total Hours 14</b>	<b>Total Hours 14</b>

### Fourth Year – Senior

<b>Fall Semester</b>	<b>Spring Semester</b>
BIOL 3153 Evolutionary Biology	BIOL 4621 Senior Seminar
BIOL 3224 Microbiology	Selected Topics in Biology OR Biology elective, 3 hours
BIOL 3464 Field Botany	Biology elective, 4 hours
Selected Topics in Biology OR Biology elective, 3 hours	Free electives, 7 hours
Biology research, 2 hours	
<b>Total Hours 16</b>	<b>Total Hours 15</b>

**Total Degree Plan Hours 124**

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

4/12/2018