



# NORTHEASTERN STATE UNIVERSITY

*College of Science & Health Professions*

## 2010 – 2011 Biology – Fish and Wildlife Emphasis Road Map

### First Year – Freshman

Fall Semester		Spring Semester	
BIOL 1123*	Evolution and Diversity	CHEM 1123/1131*	General Chemistry I plus Lab
BIOL 1131*	Investigative Lab	ENGL 1213*	Freshman Comp II
MATH 1513*	College Algebra	Communications*, 3 hours	See list in NSU catalog
UNIV 1002*	College Strategies	Culture and Ideas*, 3 hours	See list in NSU catalog
ENGL 1113*	Freshman Comp I	Fine Art Appreciation*, 3 hours	See list in NSU catalog
CS/IS 1003*, **	Computers in Modern Society		
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>16</b>

### Second Year – Sophomore

Fall Semester		Spring Semester	
BIOL 3114	Genetics	BIOL 3124	Cell Biology
CHEM 1223/1231	General Chemistry II plus Lab	BIOL 3524	Ecology
MATH 3513	Statistical Methods	POLS 1113*	American Federal Government
HIST 1483 or 1493*	American History	Global Perspectives*, 3 hours	See list in NSU catalog
Social Sciences*, 3 hours	See list in NSU catalog	UNIV 2091*	Capstone
<b>Total Hours</b>	<b>17</b>	<b>Total Hours</b>	<b>15</b>

### Third Year – Junior

Fall Semester		Spring Semester	
BIOL 3003	Plant Biology	Animal Systematics, 4 hours	See list in NSU catalog
BIOL 3013	Animal Biology	GEOL 1114 or GEOL 4113	Geology
Plant Systematics, 3 or 4 hours	See list in NSU catalog	Methods, 2 hours	See list in NSU catalog
Invertebrate Systematics, 4 hours	See list in NSU catalog	Life Skills*, 3 hours	See list in NSU catalog
		ENGL 3083 or COMM 3213*	Tech. Writing or Public Speaking
<b>Total Hours</b>	<b>13-14</b>	<b>Total Hours</b>	<b>15-16</b>

### Fourth Year – Senior

Fall Semester		Spring Semester	
BIOL 4554 <sup>1</sup>	Limnology	BIOL 4621	Senior Seminar
BIOL 4324 <sup>1</sup>	Principles of Fish and Wildlife Management	Animal Systematics, 4 hours	See list in NSU catalog
BIOL 3344 <sup>1</sup>	Environmental Physiology	Global Perspectives*, 3 hours	See list in NSU catalog
Plant Systematics, 3 or 4 hours	See list in NSU catalog	Free elective***, 2-5 hours	Consult with advisor
Methods, 2 hours	See list in NSU catalog	H ED 1113 or HFS 1653*	Pers. Health/Basic Nutrition
<b>Total Hours</b>	<b>17-18</b>	<b>Total Hours</b>	<b>13-16</b>

**Total Degree Plan Hours 124**

\* General Education requirement.

\*\* Requirement may be met in other ways. Consult with your advisor.

\*\*\* Geographical Information Systems recommended (GEOG 3813)

<sup>1</sup> Course is offered only in the fall semester.