



NORTHEASTERN STATE UNIVERSITY

College of Science & Health Professions

2010 – 2011 Science Education Biology Emphasis Road Map

First Year – Freshman

Fall Semester		Spring Semester	
ENGL 1113*	Freshman Composition I	ENGL 1213*	Freshman Composition II
BIOL 1131/1123*	Evolution & Diversity/Investigative Lab	CHEM 1223/1231	General Chemistry II
Humanities (3 hrs)*	See list in NSU catalog	POLS 1113*	American Federal Government
CHEM 1123/1131*	General Chemistry I	Humanities (3 hrs) *	See list in NSU catalog
UNIV1002*	College Strategies	MATH 3513*	Statistical Methods
Total Hours 16		Total Hours 16	

Second Year – Sophomore

Fall Semester		Spring Semester	
BIOL 3124	Cell Biology	HIST 1483 or 1493*	History or American History
Second Language (3 Hrs.)*	See list in NSU catalog	H Ed 1113 or HFS 1653*	Pers. Health or Basic Nutrition
Global Perspectives (3 hrs) *	See list in NSU catalog	BIOL 3524	Ecology
PSYC 1113*	Intro to Psychology	BIOL 3113 or 3423 ²	Evolution Plants or Evolution Vert.
CHEM 3123	Organic I Lecture	COMM 1113*	Fund Communication
Total Hours 16		Total Hours 16	

Third Year – Junior

Fall Semester		Spring Semester	
EDUC 3313	Clinical Teaching	EDUC 4823	Technology in Education
EDUC 3113*	Educational Psychology	SPED 4433	Education of Exceptional Children
PHYS 1115	General Physics I	PHYS 1215	General Physics II
BIOL 3114	Genetics	BIOL 3314	Human Physiology
BIOL 3013	Animal Biology		
Total Hours 18		Total Hours 15	

Fourth Year – Senior

Fall Semester		Spring Semester	
EDUC 4032	Pre-Internship II	Full Internship:	
SCI 4513 ¹	Methods of Teaching Sec Science	EDUC 4064	Sec Intern Teach
EDUC 4353	Teaching Methods and Practices	EDUC 4074	Sec Intern Teach
SCI 4124	Earth Science	EDUC 4252	Seminar
UNIV 2091	Capstone	EDUC 4712	Assessment/Evaluation
BIOL 3003	Plant Biology		
Total Hours 16		Total Hours 12	

Total Degree Plan Hours 125

* General Education Requirement ¹ Only taught in the fall semester ² Only taught in the spring semester (Tahlequah campus)

Students must earn a C or better in all science, mathematics, foreign language, English, and education courses. Students must maintain a minimum GPA of 2.5 overall, in major courses, and in education courses. Students must pass the OGET, the OPTE, and at least one of the following OSATs: Biology, Chemistry, Physics, Earth Science, or Physical Science.

SCI 4513, EDUC 4032, and EDUC 4353 must be taken in the fall semester by Science Education majors.