



NORTHEASTERN STATE UNIVERSITY

College of Science & Health Professions

2011 – 2012 Science Education Earth Space Science Emphasis Road Map

First Year – Freshman

Fall Semester		Spring Semester	
ENGL 1113*	Freshman Composition I	ENGL 1213*	Freshman Composition II
BIOL 1123/1131*	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
UNIV 1002*	College Strategies	MATH 3513*	Statistical Methods
Total Hours 16		Total Hours 16	

Second Year – Sophomore

Fall Semester		Spring Semester	
BIOL 3524	Ecology	BIOL 3413 ²	Environmental Problems
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	COMM 1113*	Fund Communication
GEOL 1114 ¹	Physical Geology	PSYC 1113*	Intro to Psychology
HIST 1483 or 1493*	History or American History	GEOL 2004 ²	Historical Geology
Total Hours 17		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
GEOL 4134 ¹	Environmental Geology	GEOL 4113 ²	Oceanography
PHYS 1115	General Physics I	PHYS 1215	General Physics II
		CHEM 3523 ²	Environmental Chemistry
Total Hours 15		Total Hours 18	

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
Free Electives (2 credits)	Astronomy Recommended	EDUC 4712	Assessment/Evaluation
UNIV 2091	Capstone		
Total Hours 14-16		Total Hours 12	

Total Degree Plan Hours 124

*General Education Requirement. ¹Only taught in the Fall Semester ²Only taught in the Spring Semester,

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.