

## **NSU Course Offerings:**

**(subject to change)**

### **Professional Core:**

SCI 5443 Trends and Issues in Science Ed.	Fall & odd Summer Semesters
SCI 5513 Inquiry-Based Instruction in STEM Ed.	Spring & even Summer Semesters
SCI 5983 Capstone I	Every Semester
SCI 5993 Capstone II	Every Spring and Fall Semesters
EDUC 5103 Educational Research	Every Semester
EDUC 5403 Fundamentals of Curriculum Development I	Every Semester
EDUC 5753 Advanced Educational Psychology	Every Summer Semester

### **NSU Science Content Courses\***

SCI 5123 Earth Science	Even Year Spring Semesters
SCI 5213 Investigative Biological Science	Odd Year Fall Semesters
SCI 5253 Environmental Science	Odd Year Spring Semesters
SCI 5313 Nature of Matter	Every Fall Semester
SCI 5413 Space Science	Even Year Fall Semesters

*\*Please note that the course titles were changed fall 2014. The course numbers remain the same as the courses on the degree plan.*

## **NSU M.Ed. in Science Education (36 hours)**

### **Professional Core (21 hours):**

SCI 5443 Trends and Issues in Science Education  
SCI 5513 Inquiry-Based Instruction in STEM Education  
EDUC 5103 Educational Research  
EDUC 5403 Fundamentals of Curriculum Development  
EDUC 5753 Advanced Educational Psychology  
SCI 5983 Capstone I  
SCI 5993 Capstone II

### **NSU Science Content Courses (15 hours)**

SCI 5123 Earth Science  
SCI 5213 Investigative Biological Science  
SCI 5253 Environmental Science  
SCI 5313 Nature of Matter  
SCI 5413 Space Science

## **NSU M.Ed. in Science Education (36 hours) with Embedded STEM Education Certificate**

### **Professional Core (21 hours):**

SCI 5443 Trends and Issues in Science Education  
SCI 5513 Inquiry-Based Instruction in STEM Education  
EDUC 5103 Educational Research  
\*\*EDUC 5823 Integrating Technology in STEM Education

EDUC 5753 Advanced Educational Psychology

SCI 5983 Capstone I

SCI 5993 Capstone II

**NSU Science Content Courses (15 hours) the math courses will substitute for one of the science content courses)**

\*MATH 5513 Technology in Mathematics

SCI 5123 Earth Science

SCI 5213 Investigative Biological Science

SCI 5253 Environmental Science

SCI 5313 Nature of Matter

SCI 5413 Space Science

**New NSU STEM Education Certificate ONLY (12 hours)**

SCI 5443 Trends & Issues in Sci Educ **OR** SCI 5513 Inquiry-Based Instruction in STEM Educ

\*MATH 5513 Technology in Mathematics

\*\*EDUC 5823 Integrating Technology in STEM Education

**(choose ONE of the following science content courses):**

SCI 5123 Earth Science

SCI 5213 Investigative Biological Science

SCI 5253 Environmental Science

SCI 5313 Nature of Matter

SCI 5413 Space Science

\*MATH 5513 Technology in Mathematics is offered during the summer sessions

\*\*EDUC 5823 is offered during the spring sessions