

M.Ed. in Science Education


Endeavor STEM Education Cohort

Two-year Plan of Study & Course Rotation

Includes prestigious Endeavor STEM Certificate - Teachers College, Columbia University

Plan for Beginning in a Fall Semester

Fall 1

 Endeavor: Methods of STEM Education (Substitutes for EDUC 5403 Fundamentals of Curriculum Development)


- SCI 5443 Trends and Issues in Science Education

Spring 1

 Endeavor Elective Course 1 (Substitutes for NSU Science Content Course)

- SCI 5513 Inquiry in Science Education

Summer 1

 Endeavor Elective Course 2 (Substitutes for NSU Science Content Course)

- EDUC 5103 Educational Research

Fall 2

- NSU Science Content Elective Course 1

- SCI 5983 Capstone I

Spring 2

- NSU Science Content Elective Course 2

 Endeavor: Seminar (Substitutes for SCI 5993 Capstone II)


Summer 2

 Endeavor Elective Course 3 (Substitutes for NSU Science Content Course)

- EDUC 5753 Advanced Educational Psychology

Plan when Beginning in a Spring Semester

Spring 1

 Endeavor: Methods of STEM Education (Substitutes for EDUC 5403 Fundamentals of Curriculum Development)


- SCI 5513 Inquiry in Science Education

Summer 1


 Endeavor Elective Course 1 (Substitutes for NSU Science Content Course)

- EDUC 5103 Educational Research

Fall 1

-  Endeavor Elective Course 2 (Substitutes for NSU Science Content Course)
 - SCI 5443 Trends and Issues in Science Education


Spring 2

-  Endeavor Elective Course 3 (Substitutes for NSU Science Content Course)
 - NSU Science Content Elective Course 1

Summer 2


- SCI 5983 Capstone I
- EDUC 5753 Advanced Educational Psychology

Fall 2


-  Endeavor: Seminar (Substitutes for SCI 5993 Capstone II)
 - NSU Science Content Elective Course 2

Plan when Beginning in a Summer Semester


Summer 1

-  Endeavor: Methods of STEM Education (Substitutes for EDUC 5403 Fundamentals of Curriculum Development I)
 - SCI 5443 Trends & Issues (odd summers) OR SCI 5513 Inquiry in Science Education (even summers)


Fall 1

-  Endeavor Elective Course 1 (Substitutes for NSU Science Content Course)
 - EDUC 5103 Educational Research OR SCI 5443 Trends and Issues in Science Education

Spring 1

-  Endeavor Elective Course 2 (Substitutes for NSU Science Content Course)
 - EDUC 5103 Educational Research OR SCI 5513 Inquiry in Science Education


Summer 2

-  Endeavor Elective Course 3 (Substitutes for NSU Science Content Course)
 - EDUC 5753 Advanced Educational Psychology

Fall 2

- SCI 5983 Capstone I
- NSU Science Content Elective Course 1

Spring 2

-  Endeavor: Seminar (Substitutes for SCI 5993 Capstone II)
 - NSU Science Content Elective Course 2

NSU Course Offerings:

Professional Core:

SCI 5443 Trends and Issues	Fall & Odd Summers
SCI 5513 Inquiry Based Instruction	Spring & Even Summers
EDUC 5103 Educational Research	Every Semester
EDUC 5403 Fundamentals of Curriculum Development	Every Semester
EDUC 5753 Advanced Educational Psychology	Every Summer
SCI 5983 Capstone I	Every Semester
SCI5993 Capstone II	Every Semester

NSU Science Content Courses

SCI 5123 Earth Science	Even Spring
SCI 5213 Investigative Biology	Odd Fall
SCI 5323 Science of Motion	Every Spring
SCI 5253 Environmental Science	Odd Spring
SCI 5313 Nature of Matter	Every Fall
SCI 5413 Space Science	Even Fall