

Minor: Grades 5-8 Science 32 Credits

Course	Title	Credits	Sem.
Note: Students must maintain a minimum of "C" grades in these courses			
Earth Science			
ENVS 101	Physical Geology & Lab (ENVS 101L)	4	B
ENVS 102	Historical Geology & Lab (ENVS 102L) <i>*Pre-Requisites: ENVS 100 OR ENVS 101</i>	4	S
Physical Science			
CHEM 121	Basic Chemistry & Lab (CHEM 121L)	4	F
PHYS 100 OR	Our Physical Universe & Lab (PHYS 100L)	4	Varies
PHYS 121 OR	Introduction to Astronomy & Lab (PHYS 121L)	4	F
PHYS 141	College Physics I & Lab (PHYS 141L)	4	F
Life Science			
BIOL 200	Intro to Cellular Biology & Lab (BIOL 200L)	4	B
BIOL 201	Intro to Biodiversity & Evolution & Lab (BIOL 201L)	4	B
Environmental Science			
ENVS 180	Environmental Science: Introduction & Lab (ENVS 180L)	4	B
Grades 5-8 Science Methods			
ED 413	Middle Level Methods: Science	2	se
ED 430	Reading in the Content Areas	2	S
Student Teaching			
ED 464 OR	Student Teaching (Elementary + 5-8 Mathematics)	12	B
ED465 OR	Student Teaching (Biology or Chemistry + 5-8 Science)	12	
ED 467 OR	Advanced Student Teaching	6	
ED 468	Advanced Practicum	6	

Courses in the shaded area can be taken prior to admission to the Teacher Education Program

F = Fall; S = Spring; B = Both F & S; Su = Summer;
fo = fall odd; so = spring odd; fe = fall even; se = spring even
For example – fo = Fall 2021; se = Spring 2022; fe = Fall 2022; so = Spring 2023

MTLE tests required for licensure: Middle Level Science Content test (2 subtests) and your CHOICE of Elementary Pedagogy (2 subtests) or Secondary Pedagogy (2 subtests) prior to licensure.

NES Essential Academic Skills: Reading, Writing, Math not required until applying for [Tier 4 licensure](#).