

SCIENCE EDUCATION MINOR (M)

In physical sciences, you can help your students understand physics and chemistry so they can explore their role in the progress of humankind. You will be able to explain to others the study of matter, energy, and chemical interactions to inspire the use of technology and innovation for good. In life sciences, you will be able to teach about plants, animals, and human beings so students can understand the relationship between the spiritual and physical world and body. You will receive instruction in apologetics and faith integration with a nurturing and experienced faculty and will be able to lead discussions on how empirical knowledge and ideological beliefs interact. You will learn about using technology and science concepts in the classroom. The Science Education Minor includes 18-20 credits and the STEM concentration includes 12 credits.

Curriculum- Minor

Code	Title	Hours
Required Courses		
MATH 313	Math in the Middle School	3
Minor Electives		
<i>Choose 4 courses to complete minor; must include at least one life and 15-16 at least one physical science course.</i>		
BIO 141	General Biology I	
BIO 142	General Biology II	
BIO 146	Essentials of Anatomy and Physiology (w/ lab)	
BIO 156	Environmental Science (w/ lab)	
BIO 240	Zoology	
BIO 244	Botany	
BIO 260	Biology of Microorganisms	
BIO 410	Ecology	
CHEM 105	Elements of General and Biological Chemistry (w/ lab)	
PHYS 108	Introductory Astronomy	
PHYS 151	General Physics I	
SCI 195	Meteorology	
SCI 246	Oceanography	
SCI 275	Cosmogony	
SCI 235	Earth Science (w/ lab)	
	Other approved course	
Total Hours		18-19

Curriculum- Concentration

STEM Concentration

Code	Title	Hours
MATH 313	Math in the Middle School	3
Electives – May not be used to meet the CUW Core requirements. Select three courses with a BIO, CHEM, CSC, ENV, MATH, PHYS, or SCI prefix or ED 3356 STEM: Math in EC (2 cr) and ED 3357 STEM: Science in EC (2 cr). At least one course must be a science course with a lab.		
Total Hours		12