

GENERAL SCIENCE TEACHING CERTIFICATION

College of the Sciences and Mathematics

Curriculum

The following courses will complete the requirements for secondary general science teaching certification:

Code	Title	Credits
Select 12 semester hours of electives within one of the below science disciplines that demonstrate proficiency in fieldwork, research, and technology (see advisor for specifics).		12

BIO 110	General Biology I	
BIO 215	General Botany	
BIO 217	General Zoology	
CHE 103 & CRL 103	General Chemistry I and General Chemistry I Lab	
CHE 104 & CRL 104	General Chemistry II and General Chemistry II Lab	
ESS 101	Introduction to Geology	
ESS 111	Other Worlds, Other Stars	
ESS 530	Principles of Oceanography	
ESS 570	Principles of Meteorology	
PHY 130 or PHY 170	General Physics I Physics I	
PHY 140 or PHY 180	General Physics II Physics II	

Select one interdisciplinary science course from the following:

ENV 102	Humans and the Environment	
SCB 102	Humans and the Environment	
ESS 102	Humans and the Environment	
SCB 210	The Origin of Life and the Universe	
MAT 115 or MAT 131	Algebra, Functions, and Trigonometry Precalculus	3
MAT 121	Introduction to Statistics I	3

Education Course(s)

SED 360 or SED 560	Science Education in the Secondary School Teaching and Learning in Secondary Science	3
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Select course work required by the College of Education and Social Work. 3

Total Credits Required