

EDUCATION (SECONDARY SCIENCE) - ASSOCIATE IN EDUCATION

NMSU Alamogordo 2024-2025 Catalog

A Suggested Plan of Study - Education, Secondary Science Concentration

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

First Year

Fall		Credits
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	4
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	4
ENGL 1110G	Composition I	4
MATH 1220G or MATH 1250G	College Algebra ¹ or Trigonometry & Pre-Calculus	3-4
Credits		15

Spring

BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory	4
COMM 1130G or COMM 1115G	Public Speaking or Introduction to Communication	3
EDUC 1185	Introduction to Secondary Education and Youth	3
ENGL 2221G	Writing in the Humanities and Social Science	3
MATH 1430G or MATH 1511G	Applications of Calculus I or Calculus and Analytic Geometry I	3-4
Credits		16

Second Year

Fall		Credits
CEPY 1120G	Human Growth and Behavior	3
CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	4
Select one from the following:		3
ARTH 1115G	Orientation in Art	
ARTS 1145G	Visual Concepts	
ARTH 2110G	History of Art I	
ARTH 2120G	History of Art II	
MUSC 1130G	Music Appreciation: Western Music	
THEA 1110G	Introduction to Theatre	
Select one of the following:		4
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab	
Select one from the following:		3
HIST 1105G	Making History	

HIST 1110G	United States History I	
HIST 1120G	United States History II	
HIST 1130G	World History I	
HIST 1140G	World History II	
HIST 1150G	Western Civilization I	
HIST 1160G	Western Civilization II	
Credits		17
Spring		
EDLT 2110	Integrating Technology with Teaching	3
GEOG 1120G or GEOG 1130G	World Regional Geography or Human Geography	3
Select one course (not CEPY or GEOG) from Area IV: Social/Behavioral Sciences ²		3
Select one from the following:		4
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab	
PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab	
Credits		13
Total Credits		61

¹ MATH 1220G College Algebra or MATH 1250G Trigonometry & Pre-Calculus is required for the degree but students may need to take prerequisites to enter the course.

² See the General Education Section (<https://catalogs.nmsu.edu/alamogordo/general-information/general-education-new-mexico-common-core/>) of the catalog for a full list of courses.