

EDUCATION (SECONDARY SCIENCE) - ASSOCIATE IN EDUCATION

Doña Ana Community College 2022-2023 Catalog (60-62 credits)

NOTE: All courses listed may be applied toward a degree at NMSU.

A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses, along with the Science Teaching Field courses designated in footnote 3, and the classes designated in footnote 2.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60-62 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
<i>Area I: Communications</i>		
<i>English Composition - Level 1</i>		
ENGL 1110G	Composition I ^{1,2,*,**}	4
<i>English Composition - Level 2</i>		
ENGL 2221G	Writing in the Humanities and Social Science ^{1,2,*,**}	3
<i>Oral Communication</i>		
COMM 1115G or COMM 1130G	Introduction to Communication ¹ Public Speaking	3
<i>Area II: Mathematics</i>		
Choose one course from the following:		3-4
MATH 1220G	College Algebra ^{1,2,*,**}	
MATH 1250G	Trigonometry & Pre-Calculus ^{1,2,**}	
<i>Area III/IV: Laboratory Sciences and Social/Behavioral Sciences</i> 10		
GEOG 1120G or GEOG 1130G	World Regional Geography ¹ Human Geography	
Choose one course from the following: (for more options see Area IV in the Transfer Options section of the catalog):		
ANTH 1137G	Human Ancestors	
ANTH 1140G	Introduction to Cultural Anthropology	
ANTH 1115G	Introduction to Anthropology	
SOCI 1110G	Introduction to Sociology	
SOCI 2310G	Contemporary Social Problems	
Select one Area III "G" courses (4 credits)		
BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory	
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory ^{1,2,3}	
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors ^{1,2,3}	

or CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab ^{1,2,3}	
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab ^{1,2,3}	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab ^{1,2,3}	
PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab ^{1,2,3}	
PHYS 2230G & PHYS 2230L	General Physics for Life Science I and Laboratory to General Physics for Life Science I ^{1,2,3}	
PHYS 2240G & PHYS 2240L	General Physics for Life Science II and Laboratory to General Physics for Life Science II ^{1,2,3}	
<i>Area V: Humanities</i>		
Choose one from the following:		3
HIST 1120G	United States History II ¹	
HIST 1110G	United States History I ¹	
HIST 1130G	World History I ¹	
HIST 1140G	World History II ¹	
HIST 1150G	Western Civilization I ¹	
HIST 1160G	Western Civilization II ¹	
<i>Area VI: Creative and Fine Arts</i>		
Choose one course AREA VI in the undergraduate catalog. ARTS/ARTH/DANC/MUSC/THEA ("G" courses)		3
<i>General Education Elective</i>		
Choose one course from the following:		3-4
MATH 1430G	Applications of Calculus I (1, 2, **)	
MATH 1511G	Calculus and Analytic Geometry I ^{1,2,**}	
Core Requirements		
Choose two additional Area V/VI: Humanities or Creative & Fine Arts courses in different departments (ARTS/ARTH, DANC, ENGL, HIST, MUSC, PHIL, THEA)		6
MATH 1215	Intermediate Algebra ²	3
Major Requirements		
<i>Professional Requirements (18 credits)</i>		
CEPY 1120G	Human Growth and Behavior ^{1,2}	3
EDUC 1185	Introduction to Secondary Education and Youth ^{2,*}	3
EDLT 2110	Integrating Technology with Teaching (This course counts as EDLT 3110 at NMSU, Las Cruces) ^{2,*}	3
Electives, to bring the total credits to 60-62		10
Three Electives from Teaching Field (Science)		
Total Credits		60-62

1

Courses are part of The New Mexico General Education Requirements.

2

This course must be completed with a C- or better.

3

This course counts toward the Science teaching field.

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Courses with an (#) are pre/co-requisites for Teacher Education Program (TEP).

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The best time to take the Praxis Core Academic Skills for Educators (Core) is shortly after you have completed your English and Math courses.