

EDUCATION (SECONDARY SCIENCE) - ASSOCIATE IN EDUCATION

Doña Ana Community College 2026-2027 Catalog (60-61 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 60-61 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>		10
<i>English Composition - Level 1 - Select one course from the following:</i>		
ENGL 1110G	Composition I ^{1,2,*}	
or ENGL 1110M	Composition I	
or ENGL 1110H	Composition I Honors	
<i>English Composition - Level 2 - Select one course from the following:</i>		
ENGL 2221G	Writing in the Humanities and Social Science ^{1,2,*}	
or ENGL 2215G	Advanced Technical and Professional Communication	
or ENGL 2130G	Advanced Composition	
<i>Oral Communication - Select one course from the following:</i>		
COMM 1115G	Introduction to Communication ¹	
or COMM 1130G	Public Speaking	
or HNRS 2175G	Introduction to Communication Honors	
<i>Area II: Mathematics</i>		3-4
Choose one course from the following:		
MATH 1220G	College Algebra (or higher) ^{1,2,*}	
MATH 1250G	Trigonometry & Pre-Calculus (or higher) ^{1,2,*}	
<i>Area III: Lab Sciences</i>		
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory ^{1,2,3}	4
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors ^{1,2,3}	4
<i>Area IV: Social/Behavioral Sciences</i>		6
GEOG 1120G	World Regional Geography ¹	
or GEOG 1130G	Human Geography	
Choose one course from the following:		
ANTH 1140G	Introduction to Cultural Anthropology ¹	
ANTH 1115G	Introduction to Anthropology ¹	
ANTH 1160G	World Archaeology ¹	
SOCI 1110G	Introduction to Sociology ¹	
SOCI 2310G	Contemporary Social Problems ¹	
<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>		6
Choose two courses from the following:		
ARTH 1115G	Orientation in Art ¹	
MUSC 1110G	Music Appreciation: Jazz ¹	
MUSC 1130G	Music Appreciation: Western Music ¹	
THEA 1110G	Introduction to Theatre ¹	
Major Requirements		
<i>Professional Requirements (9 credits)</i>		
CEPY 1120G	Human Growth and Behavior ^{1,2}	3
EDUC 1185	Introduction to Secondary Education and Youth ^{2,5,*}	3
EDLT 2110	Integrating Technology with Teaching (This course counts as EDLT 3110 at NMSU, Las Cruces) ^{2,*}	3
Teaching Field Science Concentration		12
BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory	
Choose one of the following:		
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab ^{1,2,3}	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab ^{1,2,3}	
PHYS 2110 & 2110L	Mechanics and Experimental Mechanics	
PHYS 2230G & PHYS 2230L	General Physics for Life Science I and Laboratory to General Physics for Life Science I ^{1,2,3}	
Choose one from the following:		
PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab ^{1,2,3}	
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab ^{1,2,3}	
PHYS 2140 & 2140L	Electricity and Magnetism and Electricity & Magnetism Laboratory ^{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}	
Approved electives to bring the total credits to at least 60 ⁶		3
CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	
MATH 1215	Intermediate Algebra	
MATH 1511G	Calculus and Analytic Geometry I	
MATH 1521G	Calculus and Analytic Geometry II	
MATH 1430G	Applications of Calculus I	
MATH 2530G	Calculus III	
Total Credits		60-61

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.

⁴ MATH 1220G College Algebra or higher is required for this degree, but students may need to complete prerequisite(s) prior to enrolling in these courses.

⁵ Course includes a minimum of 24 hours of Field Experience over a timeframe of 4-6 weeks that must be completed at a New Mexico public education middle or high school in multiple classrooms (minimum 8 hours of placement in language arts classroom and minimum 16 hours of placement in classroom representing field of study).

⁶ Optional courses allowed include SPED 3105 Introduction to Special Education in a Diverse Society and EDUC 3120 Multicultural Education.

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

(60-61 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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 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.

Semester 1	Credits
Area I: Communications - English Composition - Choose one of the following courses:	4
ENGL 1110G Composition I	
ENGL 1110M Composition I	
ENGL 1110H Composition I Honors	
Area II: Mathematics	3-4
Choose one from the following:	
MATH 1220G College Algebra (or higher)	
MATH 1250G Trigonometry & Pre-Calculus (or higher)	
Area V: Humanities - Choose one from the following:	3
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	
Area IV: social/Behavioral Sciences - Choose one from the following:	3
ANTH 1115G Introduction to Anthropology	
ANTH 1140G Introduction to Cultural Anthropology	
ANTH 1160G World Archaeology	
SOCI 1110G Introduction to Sociology	
SOCI 2310G Contemporary Social Problems	
Credits	13-14

Semester 2

Area I: Communications - English Composition Level 2	3
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ENGL 2221G Writing in the Humanities and Social Science or ENGL 2215G or Advanced Technical and Professional or ENGL 2130G Communication or Advanced Composition	
CHEM 1215G General Chemistry I Lecture and Laboratory for STEM Majors	4

Area IV: Social/Behavioral Sciences 3

GEOG 1120G World Regional Geography or GEOG 1130G or Human Geography	
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Area VI: Creative and Fine Arts 3

Choose one from the following:

ARTH 1115G Orientation in Art	
MUSC 1110G Music Appreciation: Jazz	
MUSC 1130G Music Appreciation: Western Music	
THEA 1110G Introduction to Theatre	

Area IV: Social and Behavioral Science

CEPY 1120G Human Growth and Behavior	3
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Credits 16

Semester 3

Area I: Communications - Oral Communications 3

COMM 1115G Introduction to Communication or COMM 1130G or Public Speaking or HNRS 2175G or Introduction to Communication Honors	
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BIOL 2610G Principles of Biology: Biodiversity, Ecology, and & BIOL 2610L Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	4
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Area III: Lab Science 4

Choose one from the following:

PHYS 1230G Algebra-Based Physics I & PHYS 1230L and Algebra-Based Physics I Lab	
PHYS 1310G Calculus -Based Physics I & PHYS 1310L and Calculus -Based Physics I Lab	
PHYS 2110 Mechanics & 2110L and Experimental Mechanics	
PHYS 2230G General Physics for Life Science I & PHYS 2230L and Laboratory to General Physics for Life Science I	

Area VI: Creative and Fine Arts -Choose 1 from the following: 3

ARTH 1115G Orientation in Art	
MUSC 1110G Music Appreciation: Jazz	
MUSC 1130G Music Appreciation: Western Music	
THEA 1110G Introduction to Theatre	

Approved elective 3

Credits 17

Semester 4

Area III: Lab Sciences 4

Choose one from the following:

PHYS 1320G Calculus -Based Physics II & PHYS 1320L and Calculus -Based Physics II Lab	
PHYS 1240G Algebra-Based Physics II & PHYS 1240L and Algebra-Based Physics II Lab	
PHYS 2140 Electricity and Magnetism & 2140L and Electricity & Magnetism Laboratory	
PHYS 2240G General Physics for Life Science II & PHYS 2240L and Laboratory to General Physics for Life Science II	

EDLT 2110 Integrating Technology with Teaching	3
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EDUC 1185	Introduction to Secondary Education and Youth	3
BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory	4
Credits		14
Total Credits		60-61