

# PRE-ARCHITECTURE - ASSOCIATE OF APPLIED SCIENCE

## Doña Ana Community College 2023-2024 Catalog (72 credits)

NOTE: Students must receive a final grade of C- or better in all required ARCH courses/Technical Requirements/Electives (except ARCH 1120 and ARCH 1110 as listed below) and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 72 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.

As stated above, a grade of C- or better is required in all courses except ARCH 1120 Introduction to Architecture & ARCH 1110 Architectural Drawing which requires a B- or better.

Prefix	Title	Credits
<b>General Education</b>		
Select one course from four of the following six content areas for a total of 12-14 credits <sup>1,2</sup>		12-14
This degree requires courses from Areas I, II, III and either a course from Area IV or V; students do not need to take any additional course to complete General Education requirements		
Area I: Communications		
ENGL 1110G	Composition I <sup>3</sup>	
Area II: Mathematics		
MATH 1250G	Trigonometry & Pre-Calculus <sup>3,4</sup>	
Area III: Laboratory Sciences		
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab <sup>3</sup>	
Area IV: Social/Behavioral Sciences		
The following is recommended for this area:		
POLS 1120G	American National Government <sup>5,6</sup>	
Area V: Humanities		
The following are recommended for this area:		
HIST 1150G	Western Civilization I <sup>3,5</sup>	
HIST 1110G	United States History I <sup>3,5,6</sup>	
HIST 1120G	United States History II <sup>3,5,6</sup>	
<b>General Education Elective</b>		
COMM 1115G	Introduction to Communication <sup>3</sup>	3
<b>Core Requirements</b>		
ENGL 2221G	Writing in the Humanities and Social Science <sup>3</sup>	3
MATH 1430G	Applications of Calculus I <sup>3</sup>	3
<b>Major Requirements</b>		
<b>Technical Requirements</b>		
ARCH 1110	Architectural Drawing <sup>7</sup>	4
ARCH 1114	Introduction to Architectural Design	3
ARCH 1120	Introduction to Architecture <sup>7</sup>	3

ARCH 1121	Computers in Architecture	3
ARCH 1122	Architectural Design Studio I	5
ARCH 1220	Architecture World History I	3
ARCH 2111	Architectural Delineation I	3
ARCH 2114	Construction Documents	3
ARCH 2115	Architecture Design Studio II	5
ARCH 2116	Architectural Delineation	3
ARCH 2220	Architecture World History II	3
DRFT 151	Construction Principles and Print Reading	3
<b>Electives</b>		
Select 7 credits from the following: <sup>5</sup>		7
ARCH 2124	Professional Development and Leadership	
Any other advisor-approved ARCT course		
ARTS 1610	Drawing I <sup>3</sup>	
ARTS 1240	Design I <sup>3</sup>	
ARTS 1250	Design II <sup>3</sup>	
Advisor-approved natural science elective <sup>6</sup>		
<b>Total Credits</b>		<b>72</b>

<sup>1</sup> Each course selected must be from a different area and students cannot take multiple courses in the same area.

<sup>2</sup> See the General Education (<http://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.

<sup>3</sup> Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

<sup>4</sup> MATH 1250G Trigonometry & Pre-Calculus is required for the degree but students may need to take any prerequisites needed to enter MATH 1250G first.

<sup>5</sup> Students only need to select one of the following courses to fulfill the General Education course requirements.

Either POLS 1120G American National Government to meet Area IV: Social/Behavioral Sciences or,

Either HIST 1150G Western Civilization I, HIST 1110G United States History I, or HIST 1120G United States History II to meet Area V: Humanities

*\*Students do not need to take one from each.*

<sup>6</sup> Recommended electives for students planning on transferring to the B.S. Architecture program at Texas Tech University.

<sup>7</sup> Requires a grade of B- or better.

## (72 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.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 72 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.

A grade of C- or better is required in all courses except ARCH 1120 Introduction to Architecture & ARCH 1110 Architectural Drawing which

requires a B- or better. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

<b>Semester 1</b>		<b>Credits</b>
FALL		
Area I: Communications - English Composition Level 1		4
ENGL 1110G	Composition I	
Area IV: Social/Behavioral Sciences OR Area V: Humanities		3
Select one course from either Area IV: POLS 1120G, OR Area V: HIST 1110G, HIST 1120G, or HIST 1150G,		
ARCH 1110	Architectural Drawing	4
ARCH 1120	Introduction to Architecture	3
DRFT 151	Construction Principles and Print Reading	3
<b>Credits</b>		<b>17</b>
<b>Semester 2</b>		
SPRING		
Area I: Communications - English Composition Level 2		3
ENGL 2221G	Writing in the Humanities and Social Science	
Area II: Mathematics		3
MATH 1430G	Applications of Calculus I	
ARCH 1114	Introduction to Architectural Design	3
ARCH 1121	Computers in Architecture	3
ARCH 2111	Architectural Delineation I	3
<b>Credits</b>		<b>15</b>
<b>Semester 3</b>		
SUMMER		
General Education Elective - Area I: Communications - Oral Communications		3
COMM 1115G	Introduction to Communication	
Advisor-Approved Elective - ARCH 2124 or any other advisor approved ARCH course, ARTS 1610, ARTS 1240, ARTS 1250, or any other advisor-approved course in this area.		3
<b>Credits</b>		<b>6</b>
<b>Semester 4</b>		
FALL		
Area II: Mathematics		4
MATH 1250G	Trigonometry & Pre-Calculus	
ARCH 1122	Architectural Design Studio I	5
ARCH 1220	Architecture World History I	3
ARCH 2114	Construction Documents	3
ARCH 2116	Architectural Delineation	3
<b>Credits</b>		<b>18</b>
<b>Semester 5</b>		
SPRING		
Area III: Laboratory Sciences		4
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab	
ARCH 2115	Architecture Design Studio II	5
ARCH 2220	Architectural World History II	3
Advisor-Approved Elective - ARCH 2124 or any other advisor approved ARCH course, ARTS 1610, ARTS 1240, ARTS 1250, or any other advisor-approved course in this area.		1
Advisor-Approved Elective - ARCH 2124 or any other advisor approved ARCH course, ARTS 1610, ARTS 1240, ARTS 1250, or any other advisor-approved course in this area.		3
<b>Credits</b>		<b>16</b>
<b>Total Credits</b>		<b>72</b>