

ASSOCIATE IN ARTS ARCHITECTURAL DESIGN

(67 hrs. min.)

CIP: 15.1303

This program is designed to provide graduates with sufficient skills and knowledge to gain entry to a baccalaureate program in architecture. It fulfills the requirements for the application for admission to the University of New Mexico School of Architecture.

Virtual building, design drawing and modeling (digitally and by hand) provide students with skills in synthesizing design, graphics, sustainable building technology and software. Emphasis is placed on learning by direct experience. Courses offer practice in understanding and creating architectural design aesthetics, practicing design methodologies, exploring design principles and theories, and graphic authorship. Teamwork, communication and self-management are learned in support of design professionalism.

PROGRAM OUTCOMES

Upon completion of this program, students will be able to:

- Apply design methodology to solve architectural design problems, including diagramming, modeling, prototyping, illustrating and presenting
- Apply design elements, principles and theories to create visual solutions through freehand and computer-based sketching
- Describe the periods, styles, movements and philosophies of architecture
- Use computer-aided drafting and digital media software to create models, illustrations and presentations
- Integrate sustainable site and building technologies into architectural designs
- Create a portfolio for application to Bachelor of Arts in Architecture programs

GENERAL EDUCATION REQUIREMENTS: (47 HRS. MIN.)

Communications (9 hrs.)

ENGL 111	Composition Rhetoric (3)
ENGL 112	Composition and Literature (3)
ENGL 216	Technical Writing (3)
[or]	
SPCH 111	Public Speaking (3)

Humanities (9 hrs.)

Any World Language course (3)	
HIST 111	Western Civilization I (3)
[or]	
HIST 112	Western Civilization II (3)
PHIL 111	Introduction to Philosophy (3)

Behavioral/Social Sciences (9 hrs.)

ECON 200	Principles Economics – Macroeconomics (3)
[or]	
ECON 201	Principles of Economics – Microeconomics (3)
GEOG 111	Introduction to Physical Geography (3)
PSYC 111	Psychology I (3)
[or]	
SOCI 111	Introduction to Sociology (3)

Math (7 hrs.)

MATH 155	Trigonometry with Vectors (3)
MATH 162	Calculus I (4)
[or]	
MATH 180	Elements of Calculus I (4)

ASSOCIATE IN ARTS DEGREES

Science (8 hrs.)

GEOL 111	Physical Geology (3)
GEOL 111L	Physical Geology Lab (1)
PHYS 111	Introduction to Physics (3)
PHYS 111L	Introduction to Physics Lab (1)

Computers/Technology (3 hrs.)

ARCH 126	Digital Architectural Design (3)
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Health, Physical Education and Recreation or Dance. (2 hrs. min)

CORE REQUIREMENTS: (17 HRS. MIN)

ARCH 111L	Introduction to Architectural Drawing (3)
ARCH 123	Introduction to Architecture (3)
ARCH 201L	Design Studio (1-4)
ARCH 246	Portfolio Workshop (1-3)
DESN 134	Interior Architecture (3)

And choose one of the following

ARTS 113L	Two-Dimensional Design (3)
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[or]

ARTS 116L	Three-Dimensional Design (3)
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APPROVED ELECTIVES: (3)

ARCH 112	Materials Research and Design (3)
ARCH 114	Sustainable Architectural Design I (3)
ARCH 121	Architectural Graphics (3)
ARCH 235	Design Presentation (3)
ARCH 246	Portfolio Workshop (3)
AHST 201	Art History I (3)
AHST 202	Art History II (3)
BLDG 112	Construction Technologies I (3)
DRFT 111	Technical Drawing with CAD (3)

TOTAL 67 CREDITS MIN.