

## CERTIFICATES

### CERTIFICATE IN ARCHITECTURAL DESIGN

(33 hrs. min.)

CIP: 15.1303

This certificate provides courses that facilitate the production of a portfolio that a student can use for application to a four-year Architectural or Non-Architectural Graduate Degree program or to pursue a career path in architecture as an assistant designer. Students should consider the A.A. in Architectural Design Degree to acquire the general studies required to enter UNM, as well as, the UNM 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:

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

#### CORE REQUIREMENTS: (33 HRS. MIN.)

ARCH 111L	Introduction to Architectural Drawing (3)
ARCH 112	Materials Research and Design (3)
ARCH 114	Sustainable Architectural Design I (3)
ARCH 121	Architectural Graphics (3)
ARCH 123L	Introduction to Architecture (3)
ARCH 126	Digital Architectural Design (3)
ARCH 201L	Design Studio (1-4)
ARCH 235	Design Presentation (3)
ARCH 246	Portfolio Workshop (3)
DESN 134	Interior Architecture (3)
[And choose either]	
ARTS 113L	Two-Dimensional Design (3)
[or]	
ARTS 116L	Three-Dimensional Design (3)

Note: See "College Success Course Requirement" on Page 8.

TOTAL 33 CREDITS MIN.