

Program + Courses

All certificate courses are open to all SA+P graduate students, and many are open to all UNM graduate students. Courses offered by the degree programs may have pre-requisites and other limitations.

URBAN AND REGIONAL DESIGN CURRICULUM

A total of 9 credits may count towards both the certificate and a master's degree within the School of Architecture and Planning. The remaining 9 credits (6 credits of Urban and Regional Design Project and 3 credits of sustainable settlements) must be taken solely for certificate credit.

Students who have strong applications but whose skills in a particular area need development may be asked in the admission letter to add course(s) to their studies (e.g. We may require an additional graphic skills course).

Sustainable Settlements 3 credits

Learning objectives:

- Students will become knowledgeable about current issues, theories, and approaches to the physical design of sustainable places larger than individual projects.
- Students will become knowledgeable about urban design goals, history and theories.

Courses which fulfill this requirement:

Arch 691 Sustainable Settlements (*typically fall term*)

Pre-approved courses that cover the learning objectives

Urban and Regional Systems Analysis 3 credits

Learning objectives:

- Ability to perform analysis of contexts & systems
- Knowledge of project outcomes forecasting & analysis

Courses which fulfill this requirement:

Arch 692 Urban Outcomes

Topics vary but may include: Pro formas & financing; SEED analysis & grant writing; NEPA & bill drafting; LEED analysis; Narrative landscapes & video

Arch 693 Urban Components

Topics vary but may include: Built-form type analysis & diagramming; Public Space & public writing; Regions – terroirs, cultural landscapes, critical regionalism & mapping

CRP 511 Analytical Methods Planning

Urban Design Methods 3 credits

Learning objectives: Students will become knowledgeable about at least two types of urban design methods.

Courses which fulfill this requirement:

Arch 694 Urban Design Methods (*typically spring term*)

Topics vary but may include: Plazas and Public space design; Street design; Transit oriented district design; Historic district master planning; Tactical urbanism; Regions and design.

Urban Development & Regulation Methods 3 credits

Learning objectives: Students will become knowledgeable about urban design development and regulation tools

Courses which fulfill this requirement:

Arch/LA/CRP 695 Urban Development & Regulation Topics (*typically fall term*)

CRP 580 Community Growth and Land Use Planning

Arch 571 Real Estate Development

CRP 565 Land Development Economics

CRP 545 Land Use Controls

CRP 537 Urban Systems

Urban and Regional Design Project 6 credits (must be taken for certificate credit only)

Learning objectives: Students will demonstrate the ability to (a) develop a sustainable design proposal within a complex built environment, with multiple designers and a welter of stakeholders; (b) analyze and prioritize critical contexts; (c) develop tools for measuring the results of their design proposals and “weigh the impact of their work on present users and future generations” (Boyer and Mitgang Building Community 1996); and (d) develop methods

to orchestrate the life-cycle of the project (e.g. incremental development, maintenance, re-use or decommissioning).

Courses which fulfill this requirement:

6 credits of independent project (may be taken in two 3-credit increments)

Pre-Approved design studio with report (e.g. CRP 568 plus 2 credits independent study, ARCH 602)