# URBAN DESIGN AND DEVELOPMENT GRADUATE ACADEMIC CERTIFICATE

The Urban Design & Development Graduate Certificate provides an interdisciplinary learning experience to develop skills, knowledge, and expertise in shaping the future of cities through innovative and sustainable urban design approaches. Through curriculum offered, this program fosters creative research and speculative design thinking that equips students with the skill sets necessary to lead urban design and development for more livable and resilient communities.

This certificate program is intended for students seeking graduate degrees in architecture, landscape architecture, or other related areas and professionals with a background in architecture, landscape architecture, planning, interior architectural design, public policy, environmental science, or related areas who want to develop and enhance their theoretical understanding and design expertise in sustainable urban design.

Students enrolled in this certificate program will have an advising meeting at the beginning of the program period to discuss their learning objectives and tailor their course choices.

All required coursework must be completed with a grade of B or better (O-10-a (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

| Code | Title | Hours |
|---|---|---|
| ARCH 4830 | Urban Theory and Issues | 3 |
| LARC 5120 | Landscape Analysis and Site Planning | 3 |
| **Select three of the following courses:** | | **9-12** |
| *Applied Design & Development* | | |
| ARCH 4540 | Architectural Design: Vertical Studio | |
| or ARCH 5540 | Architectural Design: Vertical Studio | |
| or ARCH 5520 | Alternate Graduate Design Experience | |
| LARC 5540 | Landscape Architecture Graduate Studio 1 | |
| or LARC 558 | Landscape Architecture Graduate Studio 3 | |
| *Methodologies and Communication* | | |
| LARC 5100 | Advanced Design Representation and Communication | |
| ARCH 5200 | Architectural Research Methods | |
| *Sustainability and Resilience* | | |
| ARCH 4160/5160 | Social Sustainability in Contemporary Cities | |
| LARC 4800 | The Resilient Landscape | |
| LARC 4810 | Urban Systems in Ecology | |
| *Special topics approved by academic advisor* | | |
| ARCH 5040 | Special Topics | |
| ARCH 5020 | Directed Study | |
| LARC 5020 | Directed Study | |
| **Total Hours** | | **15-18** |

**Courses to total 15 credits for this certificate**

Please see the Graduate Student Handbook (https://futurevandals.uidaho.edu/handbook/graduate/Architecture_MARCH.pdf) for details and program requirements on earning this certificate.

Students who successfully complete this certificate program will be able to:

- Understand and apply significant urban design theories and principles that address emerging issues of urban environment and life and their potential influences on urban design practices.
- Conduct interdisciplinary research to investigate, analyze and synthesize complex information and problems in urban spatial planning and design, urban place making and promotion, and urban public life quality.
- Develop creative spatial solutions and innovation approaches in a range of settings and scales to tackle critical urban challenges.
- Communicate clearly and effectively with appropriate delivery formats to present, explain, and interpret design propositions, methodologies, decisions, and research outcomes to diverse audiences.