

UI/UX Digital Design Essentials

Who is this Graduate Certificate for?

The UI/UX Graduate Bridge Certificate is designed for individuals looking to build expertise in human-centered design, user experience (UX), and user interface (UI) design at the graduate level. Whether transitioning into the field or strengthening existing design skills, this certificate provides a structured pathway to mastering key UX/UI principles. Through this certificate, students will:

- Gain hands-on experience in the UX design process, including user research, design ideation, persona development, prototyping, and usability testing.
- Design physical and digital interfaces, software products, and interactive prototypes that enhance user engagement.
- Develop a professional portfolio to prepare for a career in UI/UX design.

Pathway to Advanced Study

This stand-alone graduate certificate provides a strong foundation in UI/UX design. Coursework may also qualify students for further graduate studies in related MS or MFA programs in Digital Design.

Career Opportunities

Opportunities exist in sectors such as:

- Technology & Software Development
- Media & Entertainment
- Healthcare & Biotech
- Retail & E-commerce
- Education & Learning Technologies

Graduates of this program will be equipped for roles such as:

- UX Designer
- UI Designer
- Interaction Designer
- Product Designer
- Digital Experience Strategist

Description of certificate program

This 12-credit program consists of five available courses, with students selecting four to complete the certificate. The curriculum provides theoretical foundations, technical skills, and hands-on experience in UX/UI design and Human-Computer Interaction (HCI).

| Code | Title | Credits |
|---------------------|---|---------|
| DD 601 or IS 664 | Graphic Design and Color Theory Customer Discovery | 3 |
| DD 640 | User Interface/User Experience in Digital Design | 3 |
| IS 661 | User Experience Design | 3 |
| DD 634 | Physical Computing for Designers – Interaction Design | 3 |