

# inworks

## Certificate in Human-Centered Design & Innovation | 10 Credit Hours

An Inworks Certificate in Human-Centered Design and Innovation will prepare you to add valuable contributions to interdisciplinary teams as they seek solutions to complex human problems. To receive an Inworks certificate, you will need to take three Inworks courses: A foundational course, an additional Inworks course of your choice, and a capstone to complete your experience.

UNDERGRADUATE / GRADUATE CERTIFICATE

### Lay the Foundation

You don't have to take this right away, but it is required to complete the certificate.

**2100/5100: Human-Centered Design, Innovation & Prototyping**

### Keep Building

Take one additional IWKS course of your choosing.

**2300/5350: Computational Foundations of Innovation**

**3100/5170: 3D Design, Computation & Prototyping**

**3180/5180: Choose Your Own Adventure**

**3200/5200: Data Science for Innovators**

**3300/5300: NAND to Tetris**

**3400/5400: Game Design & Development 1**

**3540/5540: Synthetic Biology for Innovators**

**3550/5550: Innovation Law & Policy**

**3600/5600: Innovating for the Developing World**

**3620/5620: Mobile App Development**

**3700/5700: Innovation & Society**

**3850/5850: Product Design**

**4100/5150: Advanced Human-Centered Design**

**4120/5120: IoT: The Internet of Things**

**4450/5450: Game Design & Development 2**

**4500/5500: Bio-Design & Innovation**

**4520/5520: Designing for Healthful Human Longevity**

**4680/5680: Case Studies in Design**

**4750/5750: Innovating on Education**

**4930/5930: Special Topics**

**4970/5970: Independent Study**

### Make It Matter

Complete your certificate with one of the two capstones.

**4800/5800: StartUp: Creating a New Venture from Scratch**

**4900/5900: Inworks Capstone**