SKILLS AND PERSPECTIVES FOR THE DIGITAL WORLD COGNATE

 $\frac{https://ceps.unh.edu/computer-science/program/cognate/skills-perspectives-digital-world$

Description

Engage with and reflect on the technology associated with the digital world. This cognate provides a foundation for the development of technical and critical skills aligned with one of the 21st century's defining areas: information technology. A recent statement by General Electric's CEO asserts that if you join the company today, as opposed to 20 years ago, you're going to learn to code even though you may be in sales, finance or operations. This cognate gives students and future employees a fundamental introduction into technologies that are necessary for high functioning in today's world, both in the workplace and beyond.

The curriculum consists of coursework designed to strengthen understanding of the technologies that drive the World Wide Web, explore computer programming, and consider the impact of the technologies on society.

Requirements

| Code | Title | Credits |
|---------------------------------------|--|---------|
| Required Course | | |
| IT 403 | Introduction to Internet Technologies | 4 |
| Select one course from the following: | | 4 |
| CS 405 | Introduction to Applications Programming | |
| CS 410C | Introduction to Scientific Programming/C | |
| or CS 410P | Introduction to Scientific Programming/Python | |
| CS 414 | From Problems to Algorithms to Programs | |
| Select one course from the following: | | 4 |
| WS 444D | Cyborgs, Avatars, and Feminists: Gender in the Virtual World | |
| CS 408 | Living in a Networked World: The Good, the Bad, and the Ugly | |
| Total Credits | | 12 |

Credit toward the cognate will only be given for courses passed with C- or better, and a 2.00 grade-point average must be maintained in courses for the cognate. Courses taken on a pass/fail basis may not be used for the cognate.