SKILLS AND PERSPECTIVES FOR THE DIGITAL WORLD COGNATE

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.