

COMPUTER PROGRAMMING COGNATE

<https://ceps.unh.edu/computer-science/program/cognate/computer-programming>

Description

The Cognate in Programming is designed so that students who wish to go beyond an introductory computer programming course are able to meet the challenges that technology imposes.

This cognate is for UNH students who are interested in acquiring skills beyond just a basic programming language. This cognate would be an alternative to students who are not going to pursue a minor in Computer Science or Information Technology but still want to have the opportunity to partake a coherent, if short, curriculum that gives them a foundation to participate in programming activities as applicable to their technical areas.

Requirements

The cognate consists of three courses in total (12 credits), with one required course and two courses selected from the options below. The Cognate will appear on the student's transcript.

Code	Title	Credits
Required Course		
IT 403	Introduction to Internet Technologies	4
Select one of the following options:		8
Option A:		
CS 415	Introduction to Computer Science I	
CS 416 or IT 505	Introduction to Computer Science II Integrative Programming	
Option B:		
CS 410P or CS 410C	Introduction to Scientific Programming/Python Introduction to Scientific Programming/C	
CS 417 or IT 505	From Programs to Computer Science Integrative Programming	
Total Credits		12