

COMPUTER INFORMATION SYSTEMS: PROGRAMMING, AS

Introduction to Programming and CSC 2213 Object Oriented Programming) courses, needed to meet minimum total credit count of 60.

Program code: CISP-AS

Location: Gateway, Housatonic, Middlesex, Naugatuck Valley, Northwestern, Tunxis

Degree Requirements

CSC 1201 Introduction to Programming and CSC 2213 Object Oriented Programming are not allowed in this program. Students are encouraged to take CSC 1211 Java I or other programming language.

Code	Title	Credits
Computer Information System General Education Core		
ENG 1010	Composition	3
MATH 1000 or higher ¹		3-4
Elective ARHX - Arts & Humanities Course		3-4
Elective SCKX - Scientific Knowledge Course or Elective SCRX - Scientific Reasoning Course		3-4
Elective SBSX - Social / Behavioral Science Course or Elective HISX - Historical Knowledge Course		3
Elective ORAX - Oral Communication Course or Elective WRIX - Written Communication II Course		3
CCS 1001	College and Career Success	3
Computer Information Systems Program Core		
CIS 1001	Introduction to Computers	3
CIS 1211	Database Design I	3-4
or CSC 1231	Database Development and Design I	
CIS 1104	Introduction to Operating Systems	3
CIS 1141	Introduction to Management Information Systems	3
CIS 1143	Project Management	3
CIS 2994	Coop Ed/Work Experience	3
or CIS 2990	Capstone Research	
Open Elective		3-4
Specialization Courses		
Choose one of the following:		3
CSC 1211	Java I	
CSC 1203	Python Fundamentals	
CSC 1205	Visual Basic	
CSC 2212	Java II	3-4
or CPL NOT YET TAKEN		
CSC 1273	Intro to Programming w/JavaScript	3
or CSC 2274	Client-Side Web Development	
Elective CPL - Computer Programming Language Course		3-4
Directed Elective ²		6-12
Total Credits		60-73

¹ MATH 1010 Intermediate Algebra recommended

² Minimum number of any CIS, CSA (excluding CSA 1110 Introduction to Software Applications), CST, CYS, DTS, CSC (excluding CSC 1201