

COMPUTER INFORMATION SYSTEMS: CLOUD COMPUTING, AS

Program code: CISC-AS

Location: Gateway, Housatonic, Naugatuck Valley, Northwestern

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
CSC 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		
CIS 2131	Fundamentals of Cloud Computing	3
CST 1221	Networking I	4
CST 2161	Virtualization and Cloud Computing	3
CIS 2144	Systems Analysis and Design	3
Directed Elective ²		5-7
Total Credits		60-67

¹ MATH 1010 Intermediate Algebra recommended

² Minimum number of credits any CIS, CSA (excluding CSA 1110 Introduction to Software Applications), CST, CYS, or DTS course; CSC courses excluding CSC 1201 Introduction to Programming and CSC 2213 Object Oriented Programming to total 60 program credits.