# COMPUTER INFORMATION SYSTEMS: GENERALIST, AS

**Program code**: CISG-AS

**Location**: Capital, Gateway, Housatonic, Manchester, Naugatuck Valley, Northwestern, Quinebaug Valley, 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 |
| 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** | | |
| Elective CPL - Computer Programming Language Course | | 3-4 |
| CST 1221 | Networking I | 4 |
| CIS 2144 | Systems Analysis and Design | 3 |
| Directed Elective [2] | | 8-14 |
| **Total Credits** | | **60-71** |

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