

Umpqua Community College - Computer Information Systems: Cybersecurity

UCC's Cybersecurity A.A.S. degree program is a two-year sequence of classes designed to prepare students, via hands-on training, for employment in the computer area as an entry-level cybersecurity or network administrator, computer support person, web designer, or computer programmer.

The degree program also develops general problem-solving and troubleshooting skills that can be applied to networking, server, computer, web, and business programming environments.

Required Courses (106-108 Credits):

CIS 120 Introduction to CIS, 4 credits
CIS 122 Orientation to Programming, 4 credits
CIS 140M or CIS 140L "Intro to Windows OS or Intro to Linux OS, 4 credits
MTH 095 or higher Intermediate Algebra, 4 credits
CIS 111 Computer Systems Configuration, 4 credits
CIS 133CS Intro to Programming, 4 credits
CIS 240M Installing & Configuring Microsoft Windows Server (70-410), 4 credits
WR 121 English Comp*, 4 credits
CIS 151C Networking Essentials (Cisco 1), 4 credits
CIS 233CS Intermediate Programming, 4 credits
CIS 275 Intro to Database Mgmt. Systems I, 4 credits
CIS 279M Microsoft Windows Server Administration I (70-411), 4 credits
PSY 101 Psychology of Human Relations, 3 credits
CIS 152C Intro to Basic Switching & Routers (Cisco 2), 4 credits
CIS 195 Authoring for the WWW I, 4 credits
CIS 276 Intro to Database Mgmt. Systems II, 4 credits
CIS 280 Cooperative Work Experience: CIS, 2-4 credits
CIS 288M Microsoft Windows Server Administration II (70-412), 4 credits
CIS 125S Computer Applications - Spreadsheet Software, 3 credits
CIS 284 Network Security Fundamentals, 4 credits
CIS 285A Ethical Hacking, 4 credits
CIS 285B CCNA Security, 4 credits
CIS 295 Authoring for the WWW II, 4 credits
CIS 245 Project Management, 4 credits
CIS 286A Virtualization Technologies, 3 credits
CIS 285C Cloud Services Technologies, 3 credits
CIS 145 Computer Forensics for Ethical Hackers, 4 credits
SP 111 Fundamentals of Public Speaking, 4 credits

Umpqua Community College is accredited by the Northwest Commission on Colleges and Universities (NWCCU)

For more information contact:

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Additional Information: <https://www.umpqua.edu/cybersecurity>

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