COMPUTER SCIENCE MINOR

Requirements for a Minor in Computer Science

Code	Title	Credits
CS-101	Basics of Computer Science	3
CS-135	Programming for Non-CS Majors	3-4
or CS-140	Introduction to Programming	
CS-155	Computer Networking and Security	3
PH-134	Computing Ethics (Or take a 200+ level CS course)	3
or UR-230	Technology, Public Policy and Urban Society	
Take a 3-4 credit 200 + level CS course		3-4
Take a 300+ level CS course		3
Total Credits		**18-20**

Students in the Computer Science Minor will be able to:

- Understand basic concepts in variety of Computer Science fields.
- Understand basic syntax of programming languages and apply a programming language to solve real-word problems.
- Understand the fundamentals of networks, protocols, the Internet and computer security.
- Analyze a problem, develop/design multiple solutions, and evaluate and document the solutions based on the requirements.
- Communicate effectively both in written and oral form.
- Learn new models, techniques, and technologies as they emerge and appreciate the necessity of such continuing professional development.
- Identify professional and ethical considerations and apply ethical reasoning to technological solutions to problems.