## **COMPUTER SYSTEMS - UNDERGRADUATE MINOR**

| Prefix                         | Title                                | Credits |
|--------------------------------|--------------------------------------|---------|
| Required Courses               |                                      |         |
| C S 172                        | Computer Science I                   | 4       |
| C S 271                        | Object Oriented Programming          | 4       |
| C S 272                        | Introduction to Data Structures      | 4       |
| C S 273                        | Machine Programming and Organization | 4       |
| C S 370                        | Compilers and Automata Theory        | 4       |
| or C S 371                     | Software Development                 |         |
| C S 473                        | Architectural Concepts I             | 3       |
| or C S 474                     | Operating Systems I                  |         |
| Select one from the following: |                                      | 3       |
| C S 476                        | Computer Graphics I                  |         |
| C S 482                        | Database Management Systems I        |         |
| C S 484                        | Computer Networks I                  |         |
| C S 480                        | Linux System Administration          |         |
| C S 491                        | Parallel Programming                 |         |
| Total Credits                  |                                      | 26      |