# BACHELOR OF SCIENCE
# COMPUTER SCIENCE

**A MINOR IS REQUIRED FOR THE BACHELOR OF SCIENCE DEGREE IN COMPUTER SCIENCE**

All degrees require a minimum of 120 credit hours, excluding remedial courses. A minimum of 39 credit hours must be advanced level.

| GENERAL EDUCATION REQUIREMENTS | HOURS |
|---|---|
| **LEADERSHIP, EXCELLENCE, AND VIRTUE (3 hrs)**<br>**Select 3 hrs from**<br>HIST 2330, 2340,<br>REL 2309,<br>SCI 2310,<br>SLD 1300, 1310<br>SOC 1300 | 3 |
| **MATHEMATICS (3 hrs)**<br>**Select 3 hrs from**<br>MATH 1311, 1312, 1315, 1320, 2421, 2322, 3351 | 3 |
| **WRITTEN COMMUNICATION (6 hrs)**<br>ENG 1310<br>ENG 1320 | <br>3<br>3 |
| **ORAL COMMUNICATION (3 hrs)**<br>COMM 1310, 2330 | 3 |
| **CRITICAL REASONING (3 hrs)**<br>**Select 3 hrs from**<br>BIMS 1300,<br>COMM 2350,<br>C SC 1322, 1325,<br>ENG 2310, 2320, 2350,<br>MATH 2315,<br>PHIL 2350, 2360 | 3 |
| **UNDERSTANDING CHRISTIAN TRADITION (3 hrs)**<br>**Select 3 hrs from**<br>REL 1330, 2330, 2340 | 3 |
| **FINE ARTS (3 hrs)**<br>**Select 3 hrs from**<br>ART 1300,<br>FA 2310,<br>MLH 2301,<br>THRE 1300 | 3 |
| **GLOBAL, SOCIETAL, AND PERSONAL PERSPECTIVES (11 hrs)**<br>***World*** **Select 3 hrs from**<br>ENG 2330,<br>HIST 1310, 1320, 2300,<br>REL 2350,<br>PSC 2350,<br>SOC 2310, 2320<br>***Society and Self*** **Select 6 hrs from two disciplines**<br>ECON 2310, 2320,<br>HIST 2310, 2320,<br>PSC 2310,<br>PSYC 1340, 2360,<br>SOC 2300,<br>***Health and Fitness*** **Select 2 hrs from**<br>H F 1210<br>H F 1200 *<br>*(for students age 30 or above, or medical exemption) | <br>3<br><br><br><br><br><br>6<br><br><br><br><br><br>2 |
| **NATURAL SCIENCE (4 hrs)** (as required by major)<br>**Select 4 hrs from**<br>BIOL 1401, 2401,<br>CHEM 1400, 1405, 1410,<br>GEOS 1405, 1410, 2420,<br>PHYS 1400, 1401, 1410, 2510 | 4 |
| **TOTAL HOURS** | **39** |

## MAJOR IN COMPUTER SCIENCE

(3-11 hours may also meet general education requirements)

| COMPUTER SCIENCE | HOURS |
|---|---|
| CSC 1322 | 3 |
| CSC 1325 | 3 |
| CSC 1340 | 3 |
| CIS 2350 | 3 |
| CSC 2370 | 3 |
| CIS 3311 | 3 |
| CSC 3330 | 3 |
| CSC 3360 | 3 |
| CSC 4310 | 3 |
| CSC 4340 | 3 |
| CIS 4350 | 3 |
| CSC 4360 | 3 |
| **Select 6 hrs from**<br>Advanced electives CSC/CIS | 6 |
| **SUBTOTAL HOURS** | **42** |

## SUPPORTING COURSES

| | |
|---|---|
| MATH 2421 | 4 |
| MATH 2340 | 3 |
| MATH 3351 | 3 |
| MATH 4331 | 3 |
| **TOTAL HOURS** | **55** |

**FOREIGN LANGUAGE REQUIREMENT:**

8 hours in a single foreign language will be required unless two years of a single foreign language were completed in high school or the student graduated from high school prior to 1993. The University foreign language requirement is described on page 32-33 of the catalog.