

**Notes**

- Students are required to complete 56-60 credit hours in one of the tracks listed below.
- See "Simmons PLAN & Graduation Requirements" worksheet for all-college requirements.
- Students who major in Computer Science may not double-major with Information Technology or Health Informatics.

**Major Core**

Majors complete a core of the following courses.

| Course # | Course Title  | Credits | Completed |
|----------|---|---------|-----------|
| CS 110   | Foundations of Information Technology               | 4       |           |
| CS 112   | Introduction to Computer Science                    | 4       |           |
| CS 113   | GUI and Event-Driven Programming                    | 4       |           |
| CS 226   | Computer Organization and Architecture              | 4       |           |
| CS 227   | Computer Networks                                   | 4       |           |
| CS 232   | Data Structures and Algorithms                      | 4       |           |
| CS 330   | Structure and Organization of Programming Languages | 4       |           |
| CS 345   | Operating Systems                                   | 4       |           |
| MATH 210 | Discrete Mathematics                                | 4       |           |

ONE Mathematics course numbered MATH 118 or above.

| Course Selected | Credits | Completed |
|-----------------|---------|-----------|
|                 | 4       |           |

**Electives**

Choose THREE of the following courses.

| Course Selected | Credits | Completed |
|-----------------|---------|-----------|
|                 | 4       |           |
|                 | 4       |           |
|                 | 4       |           |

CS 321 Web-Centric Programming  
 CS 327 Cybersecurity  
 CS 333 Database Design and Implementation  
 CS 334 Special Topics in Computer Science  
 CS 343 OR Systems Analysis  
 LIS 484

LIS Technology courses, as approved by department

**Capstone**

Complete 4 credit hours to fulfill the Capstone Requirement in computer science (CS 327, CS 330, CS 334, CS 350, CS 370).

| Course Selected | Credits | Completed |
|-----------------|---------|-----------|
|                 |         |           |