### MAJOR COURSES

- ___ CISC 105, Introduction to Problem Solving
- ___ CISC 110, Introduction to Programming I
- ___ CISC 210, Data Structures & Advanced Programming
- ___ MATH 190, Calculus I
- ___ MATH 240, Differential Equations
- ___ MATH 260, Linear Algebra
- ___ MATH 290, Calculus II
- ___ MATH 390, Calculus III
- ___ MATH 460, Mathematics Seminar

**And** any other four of the following five:

- ___ MATH 140, Elementary Statistics
- ___ MATH 170, Finite Math
- ___ MATH 320, Discrete Mathematics
- ___ MATH 430, Abstract Algebra
- ___ MATH 460, Mathematics Seminar (a second time)

**And** the following three Computer Science courses:

- ___ CISC 215, Database Management
- ___ CISC 301, Networking Fundamentals and Programming
- ___ CISC 330, Software Engineering

**And** one additional course from the following six:

- ___ CISC 325, Software Assurance
- ___ CISC 350, Special Topics in Languages
- ___ CISC 375, Web Design
- ___ CISC 385, Web Programming
- ___ CISC 405, Mobile Application Development
- ___ CISC 410, Operating Systems

### COMMONS REQUIREMENTS:

- ___ OREN 105 (1 hour)

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**128.00 hours required for graduation**

- Commons: 49.00 semester hours
- Major: 68.00 semester hours
- Electives: 11.00 hours