CmpE:
Typical 8-Semester Schedule and Significant Prerequisites

Sem 1
- Chem 1310 General Chemistry
- Math 1551 Differential Calculus
- Math 1553 Linear Algebra
- CS 1301 Intro to Computing
- Wellness Elective
- ENGL 1101 English Comp I

Sem 2
- PHYS 2211 Physics I
- Math 1552 Integral Calculus
- ECE 2020 Fund. Digital Systems Design
- History/ Government Elective
- ENGL 1102 English Comp II

Sem 3
- PHYS 2212 Physics II
- Math 2552 Differential Equations
- ECE 2035 Programming HW/SW Sys.
- ECE 2026 Intro to Signal Processing
- Social Sciences Elective

Sem 4
- Science Elective
- ECE 2040 Circuit Analysis
- ECE 2031 Digital Design Lab
- ECE 2036 Engineering Software Des.
- ECE 2035 or 2036

Sem 5
- Humanities Elective
- ECE 3020 Math. Found. of Comp Engr
- ECE 3005/3006 Prof. Comm.
- Social Sciences Elective

Sem 6
- ECE/Approved/ Engineering Elective
- Prob/Stat ECE/App/Engr Elective
- Economics Elective
- ECE/CS Elective
- Approved Elective

Sem 7
- Engineering Elective
- ECE/CS Elective
- ECE/CS 4XXX Elective
- Approved Elective

Sem 8
- Humanities Elective
- ECE 4011 Senior Design I
- ECE/CS 4XXX Elective
- Approved Elective

Key
- Requires a grade of "C" or better
- Prerequisite
- Prerequisite with concurrency
- May be taken pass-fail

Rev F4
CmpE:
Typical 8-Semester Schedule and Significant Prerequisites with credit for Math 1551

**Sem 1**
- Chem 1310 General Chemistry
- Math 1552 Integral Calculus
- CS 1301 Intro to Computing
- Wellness Elective
- ENGL 1101 English Comp I

**Sem 2**
- PHYS 2211 Physics I
- Math 1553 Linear Algebra
- ECE 2020 Fund. Digital Systems Design
- History/ Government Elective
- ENGL 1102 English Comp II

**Sem 3**
- PHYS 2212 Physics II
- Math 2552 Differential Equations
- ECE 2035 Programming HW/SW Sys.
- ECE 2026 Intro to Signal Processing
- Social Sciences Elective

**Sem 4**
- Science Elective
- ECE 2040 Circuit Analysis
- ECE 2031 Digital Design Lab
- ECE 2036 Engineering Software Des.
- Social Sciences Elective

**Sem 5**
- Humanities Elective
- ECE 3020 Math. Found. of Comp Engr
- ECE 3005/3006 Prof. Comm.
- Social Sciences Elective

**Sem 6**
- ECE/Approve d/Engineering Elective
- Prob/Stat ECE/App/Engr Elective
- Economics Elective
- ECE/CS Elective
- ECE/CS Elective

**Sem 7**
- Engineering Elective
- ECE/CS Elective
- ECE 4011 Senior Design I
- ECE/CS 4XXX Elective
- ECE/CS 4XXX Elective

**Sem 8**
- Humanities Elective
- ECE 4012 Senior Design II
- ECE/CS 4XXX Elective
- Approved Elective
- Approved Elective

**Key**
- Requires a grade of "C" or better
- May be taken pass-fail
- Prerequisite
- Prerequisite with concurrency

*(Math 2551/2605/2552) and (ECE 2035 or 2036)*