### FRESHMAN YEAR

- **4** CH 1010 General Chemistry
- **3** ENGL 1030 Accelerated Composition
- **2** ENGR 1020 Engineering Discipline and Skills
- **4** MATH 1060 Calculus of One Variable I
- **3** Gen Ed\(^4\)

Total Semester Hours: 16

### SOPHOMORE YEAR

- **5** BIOL 1100 Principles of Biology I
- **3** CH 2230 Organic Chemistry
- **4** CHE 2110 Mass and Energy Balances
- **4** MATH 1080 Calculus of Several Variables
- **3** Gen Ed\(^4\)

Total Semester Hours: 19

### JUNIOR YEAR

- **3** CHE 3210 Chemical Engr. Thermodynamics II
- **4** CHE 3300 Mass Transfer and Separation Proc.
- **3** PHYS 2210 Physics with Calculus II
- **3** STAT 4110 Statistical Methods for Process Dev. and Control
- **3** Biochemistry Requirement\(^2\)

Total Semester Hours: 16

### SENIOR YEAR

- **3** BCHM 4310 Physical Approach to Biochem.
- **3** CHE 4070 Unit Operations Lab. II
- **3** CHE 4310 Chemical Process Design I
- **2** CHE 4430 Safety, Environ & Prof. Practice I
- **3** CHE 4500 Chemical Reaction Engineering
- **3** Gen Ed\(^4\)

Total Semester Hours: 17

**133 Total Semester Hours**

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**General Education Requirements**

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**Other**

- **17**

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**Comments:**

- CHE 1300 is only taught in the Spring and Summer.
- CHE 2000 level classes are taught ONCE per year and NOT in the summer.