

**First Year Engineering Courses (31 credits)**

<https://engineering.purdue.edu/ENE/InfoFor/CurrentStudents/FYEPlan>

- \_\_\_\_\_ (4) CHM 11500 General Chemistry I
- \_\_\_\_\_ (4) CHM 11600 General Chemistry II (*satisfies FYE Science Selective requirement*)
- \_\_\_\_\_ (3) COM 11400 Fundamentals of Speech (*satisfies FYE General Education Elective*)
- \_\_\_\_\_ (4/3) ENGL 10600 English Composition or ENGL 10800 Accelerated English Composition
- \_\_\_\_\_ (2/3.5) ENGR 13100 Transforming Ideas to Innovation I or ENGR 14100 Honors Innovation & Creativity in Engineering Design I
- \_\_\_\_\_ (2/3.5) ENGR 13200 Transforming Ideas to Innovation II or ENGR 14200 Honors Innovation & Creativity in Engineering Design II
- \_\_\_\_\_ (4/5) MA 16500/16100 Calculus I
- \_\_\_\_\_ (4/5) MA 16600/16200 Calculus II
- \_\_\_\_\_ (4) PHYS 17200 Mechanics

**Chemical Engineering Major Courses (81 credits)**

[https://engineering.purdue.edu/ChE/Academics/Undergrad/degree\\_requirements](https://engineering.purdue.edu/ChE/Academics/Undergrad/degree_requirements)

**ChE Core Courses (41 credits)**

- \_\_\_\_\_ (0) CHE 20000 ChE Sophomore Seminar
- \_\_\_\_\_ (4) CHE 20500 ChE Calculations
- \_\_\_\_\_ (4) CHE 21100 Intro ChE Thermodynamics
- \_\_\_\_\_ (0) CHE 30000 ChE Junior Seminar
- \_\_\_\_\_ (3) CHE 30600 Design of Staged Separation Processes
- \_\_\_\_\_ (3) CHE 32000 Statistical Modeling & Quality Enhancement
- \_\_\_\_\_ (4) CHE 34800 Chemical Reaction Engineering
- \_\_\_\_\_ (4) CHE 37700 Momentum Transfer
- \_\_\_\_\_ (4) CHE 37800 Heat & Mass Transfer
- \_\_\_\_\_ (1) CHE 40000 ChE Senior Seminar
- \_\_\_\_\_ (3) CHE 42000 Process Safety Management
- \_\_\_\_\_ (4) CHE 43500 ChE Laboratory
- \_\_\_\_\_ (4) CHE 45000 Design & Analysis of Processing Systems
- \_\_\_\_\_ (3) CHE 45600 Process Dynamics & Control

**ChE Science Core (18 credits)**

- \_\_\_\_\_ (3) CHM 26100 Organic Chemistry I
- \_\_\_\_\_ (1) CHM 26300 Organic Chemistry Laboratory I
- \_\_\_\_\_ (3) CHM 26200 Organic Chemistry II
- \_\_\_\_\_ (1) CHM 26400 Organic Chemistry Laboratory II
- \_\_\_\_\_ (3) CHM 37000 Physical Chemistry
- \_\_\_\_\_ (4) MA 26100 Multivariate Calculus
- \_\_\_\_\_ (3) PHYS 24100 Electricity & Optics

**ChE Selectives - Select course for each requirement. (22 credits)**

[https://engineering.purdue.edu/ChE/Academics/Undergrad/degree\\_requirements](https://engineering.purdue.edu/ChE/Academics/Undergrad/degree_requirements)

- \_\_\_\_\_ (3) \_\_\_\_\_ Biology Selective
- \_\_\_\_\_ (3) \_\_\_\_\_ Chemical Engineering Selective
- \_\_\_\_\_ (3) \_\_\_\_\_ Engineering Selective
- \_\_\_\_\_ (3) \_\_\_\_\_ Engineering Selective
- \_\_\_\_\_ (3/4) \_\_\_\_\_ Math Selective I
- \_\_\_\_\_ (3/4) \_\_\_\_\_ Math Selective II
- \_\_\_\_\_ (3) \_\_\_\_\_ Technical Selective

**General Education Electives (18 credits)** <https://engineering.purdue.edu/ENE/InfoFor/CurrentStudents/genedcourses>

- \_\_\_\_\_ (3) \_\_\_\_\_ General Education Elective
- \_\_\_\_\_ (3) \_\_\_\_\_ General Education Elective
- \_\_\_\_\_ (3) \_\_\_\_\_ General Education Elective
- \_\_\_\_\_ (3) \_\_\_\_\_ General Education Elective
- \_\_\_\_\_ (3) \_\_\_\_\_ General Education Elective
- \_\_\_\_\_ (3) \_\_\_\_\_ General Education Elective

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**The student is ultimately responsible for knowing and completing all degree requirements.**

**Degree Works is knowledge source for specific requirements and completion**

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## Chemical Engineering

[https://engineering.purdue.edu/ChE/Academics/Undergrad/degree\\_requirements](https://engineering.purdue.edu/ChE/Academics/Undergrad/degree_requirements)

**Suggested Arrangement of Courses: 3 Term Co-Op (Summer Start)**

| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th colspan="2" style="background-color: black; color: white;">Fall 1st Year</th></tr> </thead> <tbody> <tr><td style="text-align: center;">4</td><td>CHM 11500</td></tr> <tr><td style="text-align: center;">4</td><td>ENGL 10600</td></tr> <tr><td style="text-align: center;">2</td><td>ENGR 13100</td></tr> <tr><td style="text-align: center;">4</td><td>MA 16500</td></tr> <tr><td style="text-align: center;"><b>14</b></td><td><b>Total Credits</b></td></tr> </tbody> </table>   | Fall 1st Year              |  | 4 | CHM 11500                 | 4        | ENGL 10600              | 2  | ENGR 13100              | 4 | MA 16500                | <b>14</b>               | <b>Total Credits</b>       | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th colspan="2" style="background-color: black; color: white;">Spring 1st Year</th></tr> </thead> <tbody> <tr><td style="text-align: center;">4</td><td>CHM 11600</td></tr> <tr><td style="text-align: center;">3</td><td>COM 11400</td></tr> <tr><td style="text-align: center;">2</td><td>ENGR 13200</td></tr> <tr><td style="text-align: center;">4</td><td>MA 16600</td></tr> <tr><td style="text-align: center;">4</td><td>PHYS 17200</td></tr> <tr><td style="text-align: center;"><b>17</b></td><td><b>Total Credits</b></td></tr> </tbody> </table> | Spring 1st Year      |   | 4                    | CHM 11600  | 3                    | COM 11400   | 2               | ENGR 13200                | 4        | MA 16600                   | 4         | PHYS 17200                 | <b>17</b> | <b>Total Credits</b>       |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
|--|----------------------------|--|---|---------------------------|----------|-------------------------|--|-------------------------|---|-------------------------|-------------------------|----------------------------|--|----------------------|---|----------------------|--|----------------------|---|-----------------|---------------------------|----------|----------------------------|-----------|----------------------------|-----------|----------------------------|-----------|--------------------------|---|----------------------------|--------|------------------|-----------------|----------------------|--|-----------------|--|---|---------------------------|----------|----------------------|
| Fall 1st Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHM 11500                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | ENGL 10600                 |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 2  | ENGR 13100                 |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | MA 16500                   |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>14</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Spring 1st Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHM 11600                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | COM 11400                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 2  | ENGR 13200                 |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | MA 16600                   |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | PHYS 17200                 |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>17</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
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| 0  | CHE 20000 Fall Only        |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHE 20500                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | <b><i>CHE 26100</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 1  | <b><i>CHE 26300</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | General Education Elective |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | MA 26100                   |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | PHYS 241                   |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>18</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Spring 2nd Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHE 21100                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | <b><i>CHE 32000</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | <b><i>CHE 32600</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 1  | <b><i>CHE 326400</i></b>   |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | General Education Elective |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3 or 4   | Math Selective I           |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>17 or 18</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Summer 2nd Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 0  | CHE 38199: Work Session 1  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
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| Fall 3rd Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | Biology Selective          |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 0  | CHE 20100                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | <b><i>CHE 30600</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHE 37700                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | CHM 37000                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3 or 4   | Math Selective II          |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>16 or 17</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Spring 3rd Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 0  | CHE 38299: Work Session 2  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>0</b>   | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th colspan="2" style="background-color: black; color: white;">Fall 4th Year</th></tr> </thead> <tbody> <tr><td style="text-align: center;">0</td><td>CHE 38399: Work Session 3</td></tr> <tr><td style="text-align: center;"><b>0</b></td><td><b>Total Credits</b></td></tr> </tbody> </table>   | Fall 4th Year              |  | 0 | CHE 38399: Work Session 3 | <b>0</b> | <b>Total Credits</b>    | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th colspan="2" style="background-color: black; color: white;">Spring 4th Year</th></tr> </thead> <tbody> <tr><td style="text-align: center;">0</td><td><b><i>CHE 30000</i></b></td></tr> <tr><td style="text-align: center;">0</td><td>CHE 30100</td></tr> <tr><td style="text-align: center;">4</td><td>CHE 34800</td></tr> <tr><td style="text-align: center;">4</td><td>CHE 37800</td></tr> <tr><td style="text-align: center;">3</td><td>Engineering Selective</td></tr> <tr><td style="text-align: center;">3</td><td>Technical Selective</td></tr> <tr><td style="text-align: center;">3</td><td>General Education Elective</td></tr> <tr><td style="text-align: center;"><b>17</b></td><td><b>Total Credits</b></td></tr> </tbody> </table> | Spring 4th Year         |   | 0                       | <b><i>CHE 30000</i></b> | 0                          | CHE 30100  | 4                    | CHE 34800   | 4                    | CHE 37800  | 3                    | Engineering Selective   | 3               | Technical Selective       | 3        | General Education Elective | <b>17</b> | <b>Total Credits</b>       |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Fall 4th Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 0  | CHE 38399: Work Session 3  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>0</b>   | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Spring 4th Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 0  | <b><i>CHE 30000</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 0  | CHE 30100                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHE 34800                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHE 37800                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | Engineering Selective      |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | Technical Selective        |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | General Education Elective |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>17</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
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| Fall 5th Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 1  | <b><i>CHE 40000</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | <b><i>CHE 42000</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | CHE 43500                  |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | <b><i>CHE 45600</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | General Education Elective |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>14</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| Spring 5th Year  |                            |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 4  | <b><i>CHE 45000</i></b>    |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | CHE Selective              |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | Engineering Selective      |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | General Education Elective |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| 3  | General Education Elective |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |
| <b>16</b>  | <b>Total Credits</b>       |  |   |                           |          |                         |  |                         |   |                         |                         |                            |  |                      |   |                      |  |                      |   |                 |                           |          |                            |           |                            |           |                            |           |                          |   |                            |        |                  |                 |                      |  |                 |  |   |                           |          |                      |

Courses offered during a fall or spring only term are listed in ***bold italics***.

Students must earn a "C" or better in CHE 20500.  
 130 semester credits required for Bachelor of Science degree in Chemical Engineering.  
 2.0 Graduation GPA required for Bachelor of Science degree.

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 The student is ultimately responsible for knowing and completing all degree requirements.  
 Degree Works is knowledge source for specific requirements and completion  
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