# B.S. with Chemistry Major

## CHEM

| | Freshman | | Sophomore | | Junior | | Senior | |
|---|---|---|---|---|---|---|---|---|
| | Fall | Spring | Fall | Spring | Fall | Spring | Fall | Spring |
| Chemistry | **General I CHM 12500 5 | ^General II CHM 12600 5 | *Organic I CHM 26505/26500 5<br>**Seminar CHM 29400 1 | ^Organic II CHM 26605/ 26600 5 | **Analytical I CHM 32100 4 | ^Inorg. I CHM 24100 4 | **Physical I CHM 37300 3<br>Seminar CHM 49400 1 | ^Physical II CHM 37400 3<br>Physical Lab CHM 37600 2<br>^Inorg. II CHM 34200 3 |
| Math | Calc I MA 16100 5 | Calc II MA 16200 5 | Calc III MA 26100 4 | | | | | |
| Science | | | Mechanics PHYS 17200 4 | Optics & Electricity PHYS 272 or 241/252 4 | STAT 3-4 301, 350 or 503 | CS 3-4 158, 177 or 180 | | |
| English | Freshman Comp ENGL 10600 4 or 10800 3 | | | Technical Writing / Presentation COM 21700 3 | | | | |
| Gen Ed | | Gen Ed 3 | | | Gen Ed 3 | Great Issues 3 | Gen Ed 3 | |
| Lang/Cult. | Foreign Language 101 3 | Foreign Language 102 3 | 201 3 or Culture Diversity Study Abroad | | | | | |
| | Team Princ. CHM 194 1 | | | Free Elective 3 | Free Elective 3 | Free Elective 6 | Free Elective 9 | Multi Disciplinary 3 |
| Total cr | 17 - 18 | 16 | 17 | 15 | 15 - 16 | 14 - 17 | 13 - 16 | 14 - 17 |

**Fall only class; ^ Spring only class

Common Substitutions: CHM 125/126 = 115/116; MA 161/162 = 165/166 ; PHYS 172/272= 152/242/241/252

Honors degree in Chemistry may include the following substitutions: CHM 267 for 265, 268 for 266 and 323 for 321. In addition,6 cr of CHM 499, an Honor Thesis, and a GPA of 3.4 or higher are required.

Gen Ed must be a sequence (i.e PSY 120, PSY 350).

See detailed description of grad requirements at https://www.science.purdue.edu/undergraduate-curriculum

View courses toward the completion of a minor at https://www.science.purdue.edu/index.php?option=com_content&view=article&catid=74:uncategorized&id=344:minors-available-to-science-students&Itemid=215