



Chemistry - (Emphasis I) B.S. at Northern Illinois University (NIU)

Earn college credit while in high school by taking advantage of dual credit and/or Advanced Placement (AP) options.

| FIRST YEAR | | | |
|------------------|-------------------------|-----------------------------------------------------------------|-------|
| ✓ First Semester | | | Hours |
| | ENG 103* | Composition I | 3 |
| | CSD 100, 101 or ENG 111 | The College Experience, Career Planning or College Study Skills | 2 |
| | MAT 229* | Calculus & Analytic Geometry | 5 |
| | CHE 210* | General Chemistry I | 5 |
| Semester Total | | | 15 |

| ✓ Second Semester | | | |
|-------------------|----------------|------------------------------------------|-------|
| ✓ Second Semester | | | Hours |
| | ENG 104* | Composition II | 3 |
| | MAT 230 | Calculus & Analytic Geometry | 5 |
| | CHE 211* | General Chemistry II | 5 |
| | IAI HUMANITIES | Select from General Education link below | 3 |
| Semester Total | | | 16 |

NIU Requirements: All courses with an asterisk* require a grade of "C" or better. To meet degree completion at NIU, at least 60 additional credit hours will need to be completed.

Please see the website below for detailed information regarding additional emphasis.

| SECOND YEAR | | | |
|------------------|--------------------|------------------------------------------|-------|
| ✓ First Semester | | | Hours |
| | CHE 270* | Organic Chemistry I | 3 |
| | CHE 272* | Organic Chemistry Lab I | 2 |
| | PHY 263 | Physics for Science & Engineering I | 4 |
| | COM 100 | Oral Communication | 3 |
| | IAI LIFE SCIENCE | Select from General Education link below | 3 |
| | IAI SOCIAL SCIENCE | Select from General Education link below | 3 |
| Semester Total | | | 18 |

| ✓ Second Semester | | | |
|-------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|-------|
| ✓ Second Semester | | | Hours |
| | CHE 271 | Organic Chemistry II | 3 |
| | CHE 273 | Organic Chemistry Laboratory | 2 |
| | IAI SOCIAL SCIENCE | Select from General Education link below (must be from different discipline than previous social science courses) | 3 |
| | PHY 273 | Physics for Science & Engineering II | 4 |
| | IAI FINE ARTS | Select from General Education link below | 3 |
| Semester Total | | | 15 |

Link to General Education (IAI) course options:
kish.edu/ASdegree

This is only a guide. Please contact transfer institution for current information and consult with the Kishwaukee College Academic Advising Office. Please refer to college website and/or catalog for any changes to curriculum for your program of study.