



This graduation plan illustrates the type of curriculum a new student would take to complete a degree in four years. It is not meant to serve as an official document. Students should contact their academic adviser to develop a personalized plan of study. Refer to the University Catalog for a complete list of requirements: <https://catalog.uwsp.edu/>. This plan assumes placement into English 101/202 and Math 118.

| Semester 1 | | | Semester 2 | | |
|--------------------------------------|---|----------------------|-------------|--|----------------------|
| | | Credits | | | Credits |
| BIOL 110# | Principles of Biology I (NSC) | 5 | BIOL 111# | Principles of Biology II | 5 |
| CHEM 105# | Fundamental Chemistry I (NSC) | 5 | CHEM 106# | Fundamental Chemistry II | 5 |
| MATH 118 | Pre-Calculus Algebra (QL) | 4 | MATH 119 | Pre-Calculus Trigonometry | 2 |
| CHEM 199 | Introduction to Chemistry and Biochemistry Majors | 1 | ENGL 101 | Academic Reading and Writing (WC) | 3 |
| | | | GEN ED | Wellness (WLN) | 1 |
| | | Total credits | | | Total credits |
| | | 15 | | | 16 |
| Semester 3 | | | Semester 4 | | |
| | | Credits | | <i>Apply for Acceptance to Biochemistry Program</i> | Credits |
| BIOL 210 | Principles of Genetics | 3 | BIOL 385# | Human Physiology (Biochem Elect) | 4 |
| CHEM 248 | Quantitative Analysis* | 4 | CHEM 326# | Organic Chemistry II | 4 |
| CHEM 325# | Organic Chemistry | 4 | ENGL 202 | Academic Reading and Writing (WC) | 3 |
| MATH 225 | Calculus I | 5 | GEN ED | Critical Thinking (CT) | 3 |
| | | Total credits | | | Total credits |
| | | 16 | | | 14 |
| Semester 5 | | | Semester 6 | | |
| | | Credits | | | Credits |
| BIOL 333# | Microbiology (Biochem Elect, Fa) | 4 | BIOL 387# | Human Anatomy (Biochem Elect) | 4 |
| CHEM 365# | Biochemistry I | 4 | CHEM 366# | Biochemistry II | 3 |
| MATH 255 | Elementary Statistical Methods | 4 | GEN ED | (ART/HP/HU/SS) + (ER/USD/GA) | 3 |
| GEN ED | ART/HP/HU/SS + (ER/USD/GA) | 3 | GEN ED | (ART/HP/HU/SS) + (ER/USD/GA) | 3 |
| | | | CHEM 363# | Introduction to Drug Discovery and Pharmacokinetics (Sp) | 3 |
| | | Total credits | | | Total credits |
| | | 15 | | | 16 |
| <i>Summer: Take PCAT & Apply</i> | | | | | |
| Semester 7 | | | Semester 8 | | |
| | | Credits | | | Credits |
| BIOL 314 | Cell Biology | 4 | BIOL 320 | Molecular Biology | 4 |
| PHYS 203 | College Physics I | 5 | CHEM 333 | Biophysical Chemistry | 3 |
| GEN ED | (ART/HP/HU/SS) | 3 | CHEM 495 OR | Capstone | |
| GEN ED | (ART/HP/HU/SS) | 3 | BIOL 490 | Senior Seminar | 2 |
| | | | PHYS 204 | College Physics II | 5 |
| | | Total credits | | | Total credits |
| | | 15 | | | 14 |
| | | | | | Total Credits |
| | | | | | 121 |

(Fa) = offered fall semesters (Sp) = offered spring semesters (Su) = offered only in summer

General Education Program (GEP) category abbreviations: Written Communication (WC), Critical Thinking (CT), Quantitative Literacy (QL), Wellness (WLN), Arts (ART), Historical Perspectives (HP), Humanities (HU), Social Sciences (SS), Natural Sciences (NSC), Environmental Responsibility (ER), U.S. Diversity (USD), Global Awareness (GA).

* Chem 248 could be taken in the summer between semester 2 and 3.

Indicates topics covered on the PCAT.