

NEW ACS Track
GENERIC– BS Chemistry (pre-calc start)

| YEAR 1 | | | | |
|--|---------|--|---|---------|
| TERM 1 | | | TERM 2 | |
| Course | Credits | | Course | Credits |
| ENGL 1101 | 3 | | ENGL 1102 | 3 |
| MATH 1113 | 4 | | MATH 1634 | 4 |
| CHEM 1211/1211L | 4 | | CHEM 1212/1212L | 4 |
| Core B1 or C or E | 3 | | Core B1 or C or E | 3 |
| CORE B2 | 1 | | | |
| SEMESTER TOTAL | 15 | | SEMESTER TOTAL | 14 |
| Milestones | | | Milestones | |
| <ul style="list-style-type: none"> Complete ENGL 1101 C or better Complete MATH 1113 and CHEM 1211 C or better | | | <ul style="list-style-type: none"> Complete ENGL 1102 C or better Complete Chemistry II B or better | |
| YEAR 2 | | | | |
| TERM 1 | | | TERM 2 | |
| Course | Credits | | Course | Credits |
| MATH 2644 | 4 | | CHEM 3422/3422L | 4 |
| CHEM 2411/2411L | 4 | | PHYS 2212/2212L | 4 |
| CHEM 2130 | 1 | | ELECTIVE | 3 |
| PHYS 2211/2211L | 4 | | CORE B1 or C or E | 3 |
| CORE B1 or C or E | 3 | | | |
| SEMESTER TOTAL | 16 | | SEMESTER TOTAL | 14 |
| Milestones | | | Milestones | |
| <ul style="list-style-type: none"> | | | <ul style="list-style-type: none"> Complete Organic II and Physics II by the end of Year 2. | |
| YEAR 3 | | | | |
| TERM 1 | | | TERM 2 | |
| Course | Credits | | Course | Credits |
| CHEM 3310K* | 4 | | CHEM 4330K | 4 |
| CHEM 35XX | 3 | | CHEM 35XX | 3 |
| CHEM 4083 | 1 | | CHEM 4083 | 1 |
| Core B1 or C or E | 3 | | CHEM 4610 | 3 |
| ELECTIVE | 3 | | ELECTIVE | 3 |
| ELECTIVE | 3 | | | |
| SEMESTER TOTAL | 17 | | SEMESTER TOTAL | 14 |
| Milestones | | | Milestones | |
| <ul style="list-style-type: none"> * CHEM 3310K may be taken in Year 2 summer | | | <ul style="list-style-type: none"> Complete two semesters CHEM 4083 | |

This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.

| YEAR 4 | | | |
|-------------------|---------|--|---------|
| TERM 1 | | TERM 2 | |
| Course | Credits | Course | Credits |
| CHEM 4711 | 3 | CHEM 4083 | 1 |
| CHEM 3550L | 2 | CHEM 4913L | 2 |
| CHEM 4083 | 1 | CHEM 4084 | 1 |
| CHEM ELECTIVE | 3 | CHEM ELECTIVE | 3 |
| CORE B1 or C or E | 3 | CORE B1 or C or E | 3 |
| ELECTIVE | 3 | ELECTIVE | 3 |
| | | ELECTIVE | 2-3 |
| SEMESTER TOTAL | 15 | SEMESTER TOTAL | 15 |
| Milestones | | Milestones | |
| • | | <ul style="list-style-type: none"> • Complete 4 credit hours of research (CHEM 4083) • Complete thesis and oral presentation (CHEM 4084) | |

For Chemistry Electives:

Students are required to choose from: Advanced Organic, Spectroscopy, Materials Chemistry, Green Chemistry, and Physical Biochemistry.

All Other Electives:

Math and Science Electives are preferred. Students should work with their advisor to choose electives that will support and complement their life goals.

Physical Chemistry Courses:

Anywhere you see 35XX above, students can choose between 3521, 3522, and 3523 with advisor approval/advice.

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