

2019-20 ACADEMIC MAP

BS - Chemistry Option C: Pre-Medical Science

TOTAL HRS: 121



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

| | FALL SEMESTER | | | | | | SPRING SEMESTER | | | | | |
|------------------|--------------------------|-------------------------|--------|----------|-----|--------|-----------------|---------------------------|--------|----------|-----|--------|
| | PREFIX | COURSE | CREDIT | AREA | GR* | SEM/GR | PREFIX | COURSE | CREDIT | AREA | GR* | SEM/GR |
| YEAR 1-Freshman | CHE 101 | Gen Chem I Lecture | 3 | Gen Ed | C | | CHE 102 | Gen Chem II Lecture | 3 | Gen Ed | C | |
| | CHE 103 | Gen Chem I Lab | 1 | Gen Ed | C | | CHE 104 | Gen Chem II Lab | 1 | Gen Ed | C | |
| | BIO 100 | General Biology I | 4 | Major | C | | BIO 101 | General Biology II | 4 | Major | C | |
| | ENG 101 | Composition I | 3 | Gen Ed | | | ENG 102 | Composition II | 3 | Gen Ed | | |
| | MAT 104 | College Algebra | 3 | Gen Ed | | | MAT 105 | Trigonometry | 3 | Spec Dgr | C | |
| | FYS 100/300 ¹ | First Year Seminar | 1 | Univ Req | | | | Personal Development | 1 | Gen Ed | | |
| | CHE 108 | Intro Chemistry Sem | 1 | Core | C | | | | 15 | | | |
| | | | 16 | | | | | | | | | |
| YEAR 2-Sophomore | CHE 319 | Organic Chem I Lab | 1 | Core | C | | CHE 320 | Organic Chem II Lab | 1 | Core | C | |
| | CHE 321 | Organic Chem I | 3 | Core | C | | CHE 322 | Organic Chem II | 3 | Core | C | |
| | PHY 221 | Phys for Life Sci I | 3 | Major | C | | | BIO/PHY Elective | 4 | Major | C | |
| | PHY 233 | Phys for Life Sci I Lab | 1 | Major | C | | PHY 222 | Phys for Life Sci II | 3 | Major | C | |
| | MAT 251/300 | Calculus or Statistics | 3 | Spec Dgr | C | | PHY 234 | Phys for Life Sci II Lab | 1 | Major | C | |
| | BIO 300 | Cell Biology | 4 | Major | C | | COM 101/202 | Communication Studies | 3 | Gen Ed | | |
| | | | | 15 | | | | | 15 | | | |
| YEAR 3-Junior | CHE 440 | Biochemistry I | 4 | Major | C | | CHE 351 | Phys Chem for Life Sci | 4 | Major | C | |
| | | BIO/PHY Elective | 4 | Major | C | | CHE 441 | Biochemistry II | 3 | Major | C | |
| | | Chemistry Elective | 4 | Major | C | | SOC 101 | Principles of Sociology | 3 | Gen Ed | | |
| | PSY 101 | General Psychology | 3 | Gen Ed | | | | Humanities & Fine Arts | 3 | Gen Ed | | |
| | | | | 15 | | | | Chemistry Elective | 3 | Major | C | |
| | | | | | | | | | 16 | | | |
| | | | | | | | | DAT exam should be taken. | | | | |
| YEAR 4-Senior | CHE 311 | Quantitative Analysis | 5 | Core | C | | | Chemistry Elective | 3 | Major | C | |
| | | BIO/PHY Elective | 3 | Major | C | | | General Elective | 4 | Elective | | |
| | HIS 100/200 | History | 3 | Gen Ed | | | | General Elective | 3 | Elective | | |
| | | Fine Arts | 3 | Gen Ed | | | | Personal Development | 1 | Gen Ed | | |
| | | | | 14 | | | | ENG 200 level | 3 | Gen Ed | | |
| | | | | | | | CHE 464 | Science Seminar | 1 | Major | | |
| | | | | | | | | | 15 | | | |

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).