

2024-25 ACADEMIC MAP

BS - Chemistry Option D: Chemistry Education

TOTAL HRS: 121



***Program will be closed by May 11, 2026. All students with more than 60 hrs. towards the degree on May 13, 2024, will receive a teach-out plan. Students with less than 60 hrs. on May 13, 2024, will be assisted in changing their major.**

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 | |
| | CHE 108 | Intro Chemistry Sem | 1 | Core | C | | | Humanities & Fine Arts | 3 | Gen Ed | | |
| | FYS 100/300 ¹ | First Year Seminar | 1 | Univ Req | | | | | 17 | | | |
| | | | 16 | | | | | | | | | |
| | | | | | | | CORE exam should be taken. | | | | | |
| 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 | |
| | PSY 101 | General Psychology | 3 | Gen Ed | | | CUR 393 | Classroom Management | 3 | Prof Ed | | |
| | MAT 251/300 | Calculus or Statistics | 3 | Spec Dgr | C | | EPY 341 | Educational Psychology | 3 | Prof Ed | | |
| | | General Elective | 3 | Electives | | | CSP 340 | Survey of Except Children | 3 | Prof Ed | | |
| | CUR 300 | Survey of Ed w/ Field Exp | 3 | Prof Ed | | | | Fine Arts | 3 | Gen Ed | | |
| | | | 16 | | | | | 16 | | | | |
| | | | | | | | PLT exam should be taken. | | | | | |
| YEAR 3-Junior | HIS 100/200 level | History | 3 | Gen Ed | | | | Biochemistry Elective | 4 | Major | C | |
| | PHY 231 | General Physics I | 3 | Spec Dgr | C | | CHE 351 | Phys Chem for Life Sci | 4 | Major | C | |
| | PHY 235 | General Physics I Lab | 1 | Spec Dgr | C | | PHY 232 | General Physics II | 3 | Spec Dgr | C | |
| | CHE 311 | Quantitative Analysis | 5 | Core | C | | PHY 236 | General Physics II Lab | 1 | Spec Dgr | C | |
| | ENG 205 | Literacy Pedagogy | 3 | Gen Ed | | | CHE 435 | Methods & Materials | 3 | Major | | |
| | | | | 15 | | | | | 15 | | | |
| | | | | | | | Praxis II exam should be taken. | | | | | |
| YEAR 4-Senior | CUR 493 | Teaching the Sciences | 3 | Prof Ed | | | CUR 498 | Directed Internship | 9 | Prof Ed | | |
| | CIS 205 | Microcomputer Apps | 3 | Gen Ed | | | | General Elective | 2 | Electives | | |
| | | Perspectives on Society | 3 | Gen Ed | | | | | 11 | | | |
| | COM 101/202 | Communication Studies | 3 | Gen Ed | | | | | | | | |
| | PHY 105 | Astronomy | 3 | Major | C | | | | | | | |
| | | | 15 | | | | | | | | | |

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).
- CHE 101 General Chemistry I requires math ACT subscore of 20 or higher **OR** MAT 104 with a grade of C or better **OR** CHE 100 Introduction to Chemistry with a grade of C or better.
- MAT 104 College Algebra requires a math ACT sub-score of 20 or higher. 19 or below will place a student in co-requisite remediation.
- MAT 105 Trigonometry: Pre-requisite MAT 104 College Algebra **OR** ACT Math sub-score of 23.
- MAT 251 Calculus I: Pre-requisite MAT 104 College Algebra and MAT 105 Trigonometry **OR** ACT Math sub-score of 24 or higher.