

BACHELOR OF SCIENCE WITH MAJOR IN CHEMISTRY (minor required)

| DEGREE REQUIREMENTS (Core Requirements 76 Hours) | HOURS |
|--|--------------|
| English 1311, 3300 + 6 hours Sophomore Literature | 12 |
| Foreign Language* | 6 |
| Philosophy 1310, 2332 + 3 advanced hours | 9 |
| Theology 2301 + 3 hours from: 3301, 3302, 3330, 3332, 3334, 3350, 3352, 3356, 3380, 3382 | 6 |
| Fine Arts: FA 1101, 1102, 1103 + 3 hours Music, Art, or Drama | 6 |
| Speech 3 hours from: <i>SE 1321, 1341, 2333, 3391</i> | 3 |
| Information Technology Proficiency (CS 1101, 1102, 1103) | 3 |
| Social Sciences | 15 |
| Mathematics 2412 and 2413 | 8 |
| Physics 1401 and 1402 (or PY 1404, 2404) | 8 |
| Total Core | 76 |
| CHEMISTRY – (38 hours) | 38 |
| CH 1401, 1402 –General Chemistry I and II | |
| CH 3411, 3412 – Organic Chemistry I and II | |
| CH 3423, 3424 – Analytical Chemistry/Instrumental Analysis | |
| CH 3433, 3434 – Basic Physical Chemistry I/Intermediate Physical Chemistry II | |
| Plus 6 advanced hours in Chemistry | |
| Suggested: CH 4100 Seminar in Chemistry 1 hour | |
| CH 4325 Chemical Research 1-3 hours | |
| MINOR 18-20 hours from one of the following Departments: | 18-20 |
| Biology, Computer Science, Earth Science, Math or Physics | |

Total Degree- Chemistry with Minor**132-134****BACHELOR OF ARTS DEGREE - MAJOR CHEMISTRY (minor optional)**

| DEGREE REQUIREMENTS (Core Requirements 76 hours) | HOURS |
|--|--------------|
| English 1311, 3300 + 6 hours Sophomore Literature | 12 |
| Foreign Language* | 6 |
| Philosophy 1310, 2332 + 3 advanced hours | 9 |
| Theology 2301 + 3 hours from: 3301, 3302, 3330, 3332, 3334, 3350, 3352, 3356, 3380, 3382 | 6 |
| Fine Arts: FA 1101, 1102, 1103 + 3 hours Music, Art, or Drama | 6 |
| Speech 3 hours from: <i>SE 1321, 1341, 2333, 3391</i> | 3 |
| Information Technology Proficiency (CS 1101, 1102, 1103) | 3 |
| Social Sciences | 15 |
| Mathematics 2412 and 2413 | 8 |
| Physics 1401 and 1402 | 8 |
| MAJOR: CHEMISTRY | 32 |
| CH 1401, 1402 – General Chemistry I and II | |
| CH 3411, 3412 – Organic Chemistry I and II | |
| CH 3423, 3424 – Analytical Chemistry/ Instrumental Analysis | |
| CH 3433, 3434 – Basic Physical Chemistry/ Intermediate Physical Chemistry II | |
| ELECTIVES (or Minor 18-20 Hours) | 20 |
| Total Hours Required | 128 |

*6 hours of Second Year level (2311, 2312) in a foreign language in which the student has prior knowledge or training, meaning he/she speaks the language or took it in high school. Or, 6 hours of introductory level (1311, 1312) language in which he/she has no prior training or knowledge. Or, 12 hours of CLEP credit.

CHEMISTRY MINOR - 20 semester hours - Required:

CH 1401, 1402, 3423 (or 3424) Plus 8 hours from CH 3411, 3412, 3433, 3434