

## Major Map

**BULLETIN YEAR:** 2015-2016    **Degree:** BA; BS

**Major:** BIOCHEMISTRY

*The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and a department's tentative plans for scheduling courses. This document provides general direction. For more specific advice and up to date schedules, it is expected that students will regularly discuss their plans of study with academic advisors and monitor the current class schedules as students are responsible for ensuring that all requirements for graduation have been met.*

| Course   | Cr. Hrs. | Course   | Cr. Hrs. |
|--|----------|--|----------|
| <b>FIRST YEAR</b>  |          |  |          |
| Semester: Fall    Total Credit Hours: 12 or 13                           |          | Semester: Spring    Total Credit Hours: 11   |          |
| Option A: CHM 131 <u>or</u><br>Option B: CHM 161                         | 4-5      | CHM 132 (option A -if CHM 131 taken)<br>or CHM 211QR (option B)  | 4        |
| MTH 132  | 4        | MTH 133  | 4        |
| BIO 110  | 4        | BIO 208  | 3        |
|  |          |  |          |
|  |          |  |          |
| Course   | Cr. Hrs. | Course   | Cr. Hrs. |
| <b>SOPHOMORE YEAR</b>  |          |  |          |
| Semester: Fall    Total Credit Hours: 12-8                               |          | Semester: Spring    Total Credit Hours: 10   |          |
| CHM 211QR (if not taken previously)                                      | 4-0      | CHM 346  | 3        |
| CHM 345  | 3        | CHM 349  | 2        |
| Option A: PHY 130QR & PHY 170 <u>or</u><br>Option B: PHY 145QR & PHY 175 | 5        | Option A: PHY 131 & PHY 171 <u>or</u> Option<br>B: PHY 146 & PHY 176   | 5        |
|  |          |  |          |
|  |          |  |          |
| Course   | Cr. Hrs. | Course   | Cr. Hrs. |
| <b>JUNIOR YEAR</b>   |          |  |          |
| Semester: Fall    Total Credit Hours: 7-10                               |          | Semester: Spring    Total Credit Hours: 3-9  |          |
| CHM 521  | 3        | CHM 522  | 3        |
| CHM 527  | 1        | CHM/BIO Elective 300 level or above (to<br>meet 69 hr total requirement, selected<br>in consultation with program advisor) | 0-6      |
| Option A: CHM 355 <u>or</u><br>Option B: CHM 351 & CHM 352               | 3-6      |  |          |
|  |          |  |          |
|  |          |  |          |
| Course   | Cr. Hrs. | Course   | Cr. Hrs. |
| <b>SENIOR YEAR</b>   |          |  |          |
| Semester: Fall    Total Credit Hours: 6 or 7                             |          | Semester: Spring    Total Credit Hours: 5-6  |          |
| CHM 491 or BIO 403   | 3        | CHM 528  | 2        |
| BIO 324 or BIO 326   | 3-4      | BIO 325 or BIO 524   | 3-4      |
|  |          |  |          |
|  |          |  |          |
|  |          |  |          |
| Course   | Cr. Hrs. | Course   | Cr. Hrs. |
| <b>FIFTH YEAR (IF NEEDED)</b>  |          |  |          |
| Semester:            Total Credit Hours:                                 |          | Semester:            Total Credit Hours:   |          |
|  |          |  |          |
|  |          |  |          |
|  |          |  |          |

**124 hours minimum required for graduation**

**40 hours 300 level or above required**