

BS in Chemistry - Sample Schedule (Fall 2020 and later)

| | Fall Semester | Spring Semester | Credits ¹ |
|--------|--|---|----------------------|
| Year 1 | CEM 151 (4) CEM 161 (1) MTH 132 (3) WRA 101 Tier I Writing (4) ² Elective or UR ³ (3 or 4) | CEM 152 (3) CEM 162 (1) MTH 133 (4) BS 161 (3 or 4) ⁴ Elective or UR ³ (3 or 4) | 29-32 |
| Year 2 | CEM 351 (3) CEM 262 (3) MTH 234 (4) PHY 173 (5) | CEM 352 (3) CEM 355 (2) MTH 235 (3) PHY 174 (5) Elective (3) or CEM 400H/420 (1-3) ⁵ | 29-31 |
| Year 3 | CEM 483 (3) CEM 356 (2) CEM 444 (1) [Electives, UR ³ and CEM 400H/420 (1-3) ⁵] (8-10) | CEM 484 (3) CEM 395 (2) CEM 411 (4) [Electives, UR ³ and CEM 400H/420 (1-3) ⁵] (6-7) | 29-32 |
| Year 4 | CEM 434 (3) CEM 495 (2) BMB 461 (3) [Electives, UR ³ and CEM 400H/420 ⁵ (1-3)] (6-7) | CEM 415 (3) CEM 435 (3) [Electives, UR ³ and CEM 400H/420 ⁵ (1-3)] (9) | 29-30 |

¹A total of at least 120 credits is required for graduation.

²A score of 4 or 5 on an AP English exam will receive credit for WRA 101 (4). A score of 3 will not earn credit, but WRA 101 will be waived. Students who have satisfied the Tier I writing requirement through Advanced Placement could substitute an elective or a course to fulfill a University requirement.

³UR = University Requirement [University General Education Requirements: WRA Tier I writing course (4) in Year 1; IAH course 201-210 (4), which has a Tier I writing course as a prerequisite; IAH course 211 or higher (4); ISS 200-level (4); ISS 300-level (4).]

⁴BS 161 - Cell and Molecular Biology, has CEM 141 or CEM 151 or CEM 181H as a prerequisite. BS 161 is a prerequisite for BMB 461. BS 181H - Honors Cell and Molecular Biology will also satisfy the biology requirement and the prerequisite for BMB 461. This requirement can be delayed until Year 2 or 3.

⁵Students are encouraged to include undergraduate research (CEM 420 or CEM 400H) in their electives. A maximum of 12 credits in CEM400H/420 is permitted.