

BS_05– BS Degree in Chemistry

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| Fall Semester | Spring Semester |
| FSP/First Seminar CHE 099/Orientation to Chemistry CHE 201/General Chemistry I <i>PHY 201/General Physics I</i> <i>MAT 127/Calculus A</i> | CHE 202/General Chemistry II <i>MAT 128/Calculus B</i> <i>PHY 202/General Physics II</i> Language or Liberal Learning Course* |
| Fall Semester | Spring Semester |
| CHE 331/Organic Chemistry I [CHE 316/Sophomore Seminar] [CHE 310/Analytical Chemistry] Language, Liberal Learning or Elective courses (2) | CHE 332/Organic Chemistry II [CHE 316/Sophomore Seminar] CHE 371/Quantum Chemistry Language, Liberal Learning or Elective courses (2) |
| Fall Semester | Spring Semester |
| CHE 372/Thermodynamics CHE 300/400 Advanced Options** [CHE 317/Junior Seminar] Liberal Learning or Elective courses (2) | CHE 430/Biochemistry or CHE 451(2)/Inorganic Chemistry CHE 300/400 Advanced Options** [CHE 317/Junior Seminar] Liberal Learning or Elective courses (2) |
| Fall Semester | Spring Semester |
| CHE 300/400 Advanced Options** Elective courses (2) | CHE 430/Biochemistry or CHE 451(2)/Inorganic Chemistry CHE 300/400 Advanced Options** Elective courses (2) |

* *Students interested in entering graduate or professional programs in Biochemistry or Medicine should enroll in BIO 185 for the Spring semester*

[] *offered every semester*

** *One unit of CHE 493 can be taken and will satisfy the CHE 300-level Advanced Options course. Students may only take one CHE 300-level Advanced Options course to satisfy the BS_05 degree.*

300 level options

Those offered by the department (including CHE 360, CHE 370)

CHE 490 Student Teaching

A unit of CHE 493

Those options approved at the discretion of the Chair of the Department