

## Double major in Biochemistry (B.S.) and Spanish

The requirements below pertain to the 2018-2019 Undergraduate Catalog and are intended as a guide for academic planning. Students should consult with their academic advisor to discuss their individual plan of study. Departments of Chemistry and Languages, Literatures, and Cultures

Total Hours Required for Biochemistry - 120	
<b>First Year Fall Semester (15 credit hours)</b> _____ ENG 101 or COM 110 (3) _____ CHE 140 (4) _____ BSC 197 (4) _____ MAT 145 (4) _____ SPA 115 (4)	<b>Spring Semester (15 credit hours) Summer Semester</b> _____ ENG 101 or COM 110 (3) _____ SPA 213 online _____ CHE 141 (4) _____ BSC 196 (4) _____ MAT 146 (4) _____ SPA 116 GE: LH (4)
<b>Second Year Fall Semester (14 credit hours)</b> _____ CHE 230 (3) _____ CHE 231 (1) _____ PHY 110 (4) _____ BSC 203 (3) _____ SPA 233 (3)	<b>Spring Semester (16 credit hours) or Study Abroad (SA)</b> _____ CHE 232 (3) _____ SPA 214 _____ CHE 233 (2) _____ SPA 287 _____ CHE 250 (3) _____ SPA 323/324/326/327 GE: H _____ CHE 251 (1) _____ SPA 243/244 GE: SS _____ PHY 111 (4) _____ SPA 305 GE: FA _____ SPA 215 or 243/244 (3) _____ SPA 305 AMALI Summer (If study abroad) _____ PHY 111 (4)
<b>Third Year Fall Semester (16-18 credit hours)</b> _____ CHE 215 (3) _____ CHE 216 (1) _____ CHE 342 (3) _____ BSC 219 (3) _____ SPA 215 if SA prev. semester or 243/244 /215if no SA (3) _____ General Education course (3) If SA, CHE 232&233 (5)	<b>Spring Semester (12-16 credit hours)</b> _____ CHE 343 (2) _____ CHE 344 (3) _____ CHE 360 (3) _____ CHE 361 (1) _____ SPA 300-level (3) If SA 4 <sup>th</sup> semester, SPA major done here _____ If SA, CHE 250 & 251 (4 hrs)
<b>Fourth Year Fall Semester (17 credit hours)</b> _____ CHE 372 (3) _____ CHE 373 (1) _____ CHE 350 or University wide elective (3) _____ CHE 351 or University wide elective (1) _____ General Education course (3) _____ General Education course (3) _____ SPA 300 elective (3)	<b>Spring Semester (16 credit hours)</b> _____ CHE 315 or University wide elective (3) _____ CHE 316 or University wide elective (1) _____ University wide elective (3) _____ SPA 300-level elective (3) _____ SPA 323/324/326/327 (3) _____ University wide elective (3)

### NOTES:

Please consult with your academic advisor regarding University wide electives. The department strongly recommends students take at least 6 hours of advanced electives in the major.

Students may start with MAT 144: Precalculus, but this may delay graduation. Please consult with your academic advisor.

### NOTES for Spanish major:

\*\*SPA 244 counts toward AMALI, Study Abroad (SA) course Islamic Culture in Spain counts toward SPA 305 and AMALI

\*\*\*SPA 215 can be taken online over the summer

Info in yellow follows the SPA major plan to study abroad for a semester.

Info in purple follows the SPA major plan to stay on campus to complete the Spanish major.

Info in green refers to Gen Ed and AMALI requirements