# BS Chemistry Regular Track

Saint Louis University Madrid Campus, Spain

## First Year

### First Semester
- General Chemistry 1: CHEM 1110, 3 hrs
- General Chemistry 1 Lab: CHEM 1115, 1 hr
- Calculus I: MATH 1510, 4 hrs

### Second Semester
- General Chemistry 2: CHEM 1120, 3 hrs
- General Chemistry 2 Lab: CHEM 1125, 1 hr
- Calculus 2: MATH 1520, 4 hrs
- First Year Mentoring: CHEM 1950, 0 hr

## Second Year

### First Semester
- Organic Chemistry 1: CHEM 2410, 3 hrs
- Organic Chemistry 1: CHEM 2415, 1 hr
- Engineering Physics 1: PHYS 1610, 3 hrs
- Engineering Physics 1 Lab: PHYS 1620, 1 hr

### Second Semester
- Analytical Chemistry 1: CHEM 2200, 2 hrs
- Analytical Chemistry 1 Lab: CHEM 2205, 2 hrs
- Organic Chemistry 2 for Majors: CHEM 2440, 3 hrs
- Organic Chemistry 2 Majors Lab: CHEM 2445, 1 hr
- Engineering Physics 2: PHYS 1630, 3 hrs
- Engineering Physics 2 Lab: PHYS 1640, 1 hr
- Second Year Mentoring: CHEM 2950, 0 hr

## Third Year

### First Semester
- Physical Chemistry 1: CHEM 3330, 3 hrs
- The Chemical Literature: CHEM 3100, 1 hr

### Second Semester
- Physical Chemistry 2: CHEM 3340, 3 hrs
- Physical Chemistry Lab: CHEM 3345, 1 hr
- Organic Spectroscopy: CHEM 4400, 3 hrs
- Undergraduate Research: CHEM 3970, 1 hr

## Fourth Year

### First Semester
- Inorganic Chemistry: CHEM 4500, 3 hr
- Analytical Chemistry 2: CHEM 4200, 3 hrs
- Analytical Chemistry 3: CHEM 4205, 1 hr
- Undergraduate Research: CHEM 3970, 1 hr

### Second Semester
- General Biochemistry: CHEM 3600, 3 hrs
- Mathematical Techniques: CHEM 4300, 3 hr
- Inorganic Chemistry Lab: CHEM 4505, 1 hr
- Undergraduate Research: CHEM 3970, 1 hr
- Senior Residency: CHEM 4950, 0 hr

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Notes:

- PHYS 1310/1320/1330/1340 can be taken in place of PHYS 1610/1620/1630/1640
- Transfer students can take CHEM 3950, Transfer Student Mentoring