

ACADEMIC PLAN WITH GLOBAL TRACK

B.S. in Chemistry - UA Tarragona, Spain

FRESHMAN YEAR

FALL SEMESTER	UNITS
CHEM 151* (or CHEM 141/143*)	4
MATH 122A/B (or 125)	5(3)
ENGL 101	3
TIER 1	3
TOTAL	13-15

SPRING SEMESTER	UNITS
CHEM 152* (or CHEM 142/144*)	4
MATH 129	3
ENGL 102	3
TIER 1	3 (or 6)
TOTAL	13-16

SOPHOMORE YEAR

FALL SEMESTER	UNITS
CHEM 246A/247A*	5
CHEM 380 or MATH 223	3/4
PHYS 141	4
Second Language	4
TOTAL	16-17

SPRING SEMESTER	UNITS
CHEM 246B/247B*	5
CHEM 395A	1
PHYS 241	4
Second Language	4
TIER 1	3
TOTAL	14-17

JUNIOR YEAR *UA TARRAGONA*

FALL SEMESTER
Instrumental Analysis (F+S)
Analytical Chemistry (F)
Separation Techniques (F)
Analytical Lab (F+S)

SPRING SEMESTER
Instrumental Analysis (F+S)
Analytical Lab (F+S)
Bridging Courses in Chemistry (S)
Biochemistry (S)

*Note that this is only an example plan. Please work with your advisor and study abroad coordinator to be sure you will meet your degree requirements and prerequisites.

SENIOR YEAR

FALL SEMESTER	UNITS
CHEM 480A*	3
CHEM 400A*	3
CHEM Elective	3/2
TIER 2/Electives	3-9
TOTAL	12-18

SPRING SEMESTER	UNITS
CHEM 480B* or 481*	3
CHEM 412*	3
CHEM 400B*	3
CHEM Elective*	3/2
Optional Elective	3
TOTAL	12-15

TOTAL UNITS NEEDED: 120

UPPER DIVISION UNITS NEEDED: 42

Classes in bold are only offered in the fall or spring semester as shown.

Note: This checklist indicates CHEMBS requirements. Additional coursework not listed on this page is required in order to graduate.

*Denotes grade of C or better required.

~Denotes department consent required to enroll.

Additional questions? We're here to help!

Contact Your Academic Advisor

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Chemistry
& Biochemistry



THE UNIVERSITY OF ARIZONA
Study Abroad

B.S. in Chemistry

Catalog Year 2021-2022

NAME _____ SID _____ DATE _____

GENERAL EDUCATION PURPOSES:

I. Freshman Composition (Complete one sequence)

ENGL 101 (3) _____ ENGL 102 (3) _____ or
(ENGL 106*) _____
ENGL 107 (3) _____ ENGL 108 (3) _____ or
ENGL 109H (3) _____
MCWA _____

II. Mathematics: Satisfied by math foundation courses.

III. Second Language (Second Semester Proficiency)

TIER ONE COURSES:

I. Individuals and Societies 150 (6 units)

II. Traditions and Cultures 160 (6 units)

TIER TWO COURSES:

I. Arts (3 units)

II. Humanities (3 units)

III. Individuals and Societies (3 units)

IV. Diversity Emphasis Requirement: One course must meet this requirement. It can be double-dipped with any Tier One or Tier Two course.

Note: Courses offered only in the Fall or Spring semesters are labeled with F or S.

**Some students may be required to take ENGL 106 prior to taking ENGL 107. If not, ENGL 107 and ENGL 108 will complete foundation composition requirements.*

FOUNDATION COURSES: (17-20 units)

Mathematics

MATH 122A/B (5) or 125 (3) _____
MATH 129 (3) _____
CHEM 380 (3; F) or MATH 223 (4) _____

Physics

PHYS 141 (4) _____
PHYS 241 (4) _____

MAJOR COURSES: (55-56 units) Must earn a C or better in all major courses.

General Chemistry

CHEM 151 (4) _____ CHEM 152 (4) _____ or
CHEM 141/143 (4) _____ CHEM 142/144 (4) _____

Organic Chemistry

CHEM 246A (3; F) _____ CHEM 247A (2; F) _____
CHEM 246B (3; S) _____ CHEM 247N (2; S) _____

Majors Colloquium

CHEM 395A (1; S) _____

Biochemistry (Only one course from BIOC 462A or BIOC 384 will satisfy this requirement.)

BIOC 462A (4; F) _____ or BIOC 384 (3) _____

Quantitative Analysis (Analytical Chemistry)

CHEM 325 (2) _____ CHEM 326 (2) _____

Instrumental Analysis

CHEM 404A (3; S) _____ CHEM 400A (3; F) _____

Inorganic Chemistry

CHEM 404A (3; S) _____ CHEM 412 (3) _____

Physical Chemistry

CHEM 480A (3) _____ CHEM 400B (3; S) _____
CHEM 480B (3) or 481 (3; S) _____

Core Electives: A list of options is available in the advisement report or course catalog. A maximum of 3 upper division units in research or preceptorship will apply to the Chemistry major. Only one course from BIOC 462B or BIOC 385 will satisfy this requirement.

Course or Lab (3) _____

Course or Lab (3) _____

Course, Lab, Research or Preceptorship (2) _____

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