

Roadmap – BS in Natural Sciences – Foundational Concentration

The following roadmap provides one way in which to graduate within four years. These are not meant to represent the only order for planning courses. Note that General Education (GE) courses tend to be taught every quarter with few sequencing requirements. For GE courses without specific courses required, only the suggested area is listed. Please see the General education requirements sheet for specific course options.

Notes:

This roadmap assumes no remediation necessary. Mathematics and English remediation coursework should generally be completed before attempting regular courses in science.

General education Areas A1-A4 should be completed in the freshman year.

General education Area B is satisfied as part of the major.

This program consists of a minimum of 128 Semester Units.

Students must apply separately to the credential program in Junior year: Attending the MANDATORY Credential information session at beginning of the Junior year will help you with this process.

These example roadmaps cannot, and should not, substitute for proper advising. Students and advisors should consult the class schedule for an accurate listing of course offerings and the university catalog for course descriptions.

Semester Year	Fall GE area or Course (units)	Spring GE area or Course (units)
1 27-33 Units	CSUB 1009 (1) GE A1: COMM 1008 (3) GE A2: ENGL 1109 (3) GE A4: MATH 2010 (4), 2150 (4), 2200 or prereq (4-6) CHEM 1000 (3) 14-16 Units	CSUB 1019 (1) GE A3 (3) GE Government (3) MATH 2010 (4), 2150 (4), or 2200 if needed CHEM 1001 (2) BIOL 2010 (4) 13-17 Units
2 35 Units	GE LD D 1 st course (3) GE LD C1 (3) GE History (3) CHEM 1100 (2) PHYS 2110 (4) BIOL 2110 (4) 19 Units	GE LD D 2 nd course (3) GE LD C2 (3) BIOL 2120 (4) CHEM 1600 (2) PHYS 2120 (4) 16 Units
Junior 3 32-37 Units	GE UD C (3) GEOL 2010 (4) EDTE 4100 (4) EDTE 3100 or 3000 (3) CHEM 2300 (2) GE: SELF (1; if needed) Credential Information meeting (0) GWAR Exam (0) 16-17 Units	GE UD D (3) GE: JYDR: EDTE 3308 (3) GEOL 2040 (4) GEOL 3080 (4) or PHYS 1609 (3) EDTE 4200 (3) GWAR (if necessary (3)) CSETs: General Science I & II.(0) 16-20 Units
Senior 4 34 Units (36 for interns)	EDSE 5100 (4) EDSE 5210 (4) EDSE 5300 (4) EDTE 4310 (1) EDTE 4320 (1) EDTE 5800 (interns only; 5) GE Capstone (1) 15-Units; 20 for interns	EDSE 5400 (4) EDSE 5500 (4) EDTE 4330 (1) EDTE 4340 (1) EDSE 5800 (8) OR EDTE 5800 (interns only; 5) SCI 4110 (1) 19 Units; 16 for interns