

Chemistry MAJOR (Biochemistry Emphasis) - Bachelor of Science Degree

- Requires 47 Foundational semester hours plus 29 semester hours in emphasis area.
- BS in Chemistry with Biochemistry Emphasis is often done as a double major with Biology.
- Courses listed are 4-credits unless otherwise specified.
- Go to department web page and catalog for complete information on the department and major.

	Fall Term	J-Term	Spring Term	Comments
First Year	CHEM 115 MATH 151 BIOL 225		CHEM 116 MATH 152 BIOL 226	Students should earn 32 semester hours per year to stay on track to graduate in 4-years (which requires minimum of 128 semester hours).
Sophomore Year	CHEM 331 CHEM 333 (1 cr) PHYS 153 PHYS 163 (1 cr)	CHEM 410 (2 cr)	CHEM 320 CHEM 332 CHEM 334 (1 cr) PHYS 154 PHYS 164 (1 cr)	All students must complete a minimum of 40 semester hours of Upper-Division work (300-400 level), which includes courses in the major.
Junior Year	CHEM 341 CHEM 343 (1 cr) CHEM 403 BIOL 330 (opt.)*	CHEM 410 (2 cr)	CHEM 342 (opt.)* CHEM 344 (1 cr, opt.)** CHEM 405	*4 semester hours required from: CHEM 342, BIOL 330, BIOL 342, BIOL 358, BIOL 442, BIOL 445, BIOL 448 or BIOL 453 (only CHEM 342 and BIOL 330 are shown on this plan).
Senior Year	CHEM 450 (opt.)** CHEM 499A (1 cr)		CHEM 420 CHEM 499B (1 cr)	**American Chemical Society Certification for Biochemistry requires CHEM 342, CHEM 344, and CHEM 450.

This is for advising purposes only and does not denote a contract with the student or Pacific Lutheran University. Many programs have specific deadlines for application or declaration – contact the department or program chair for information. This information is accurate as of February 28, 2019, please check back frequently as some things may have changed. The university reserves the right to make necessary changes at its discretion.

General Degree Requirements

- A minimum of 128 semester hours must be completed with a GPA of 2.00 or higher.
- In addition to the requirements of this major, students must complete all other requirements of the University as listed in the catalog.
- At least 8 semester hours for the major must be taken in residence at PLU.