



## Chemistry Major (General Emphasis) - Bachelor of Science

	Fall Term	J-term	Spring Term	Comments
<b>First Year</b>	<b>CHEM 115 (NS)</b> <b>MATH 151 (MR)</b>  WRIT 101 (WR) FTWL	Art & Science	CHEM 116 MATH 152  GEN ED GEN ED	32 credits per year are necessary to graduate in 4 years (which requires a minimum of 128 semester hours).
<b>Sophomore Year</b>	CHEM 331 CHEM 333 (1 cr) <b>PHYS 153 (SM)</b> PHYS 163 (1 cr)  GEN ED	Art & Science	CHEM 320 CHEM 332 CHEM 334 or 336 (1 cr) PHYS 154 PHYS 164 (1 cr)	All students must complete a minimum of 40 semester hours of Upper Division (UD) work (300-400 level) which includes courses in the major.
<b>Junior Year</b>	CHEM 341 CHEM 343 (1 cr)  GEN ED GEN ED FTWL	CHEM 410 (2 cr)	CHEM 344 (1 cr) CHEM 342  GEN ED GEN ED Elective	
<b>Senior Year</b>	CHEM 420 <b>CHEM 499A (1 cr)(SR)</b> CHEM Elective*(3)  GEN ED GEN ED	Elective	<b>CHEM 499B (1 cr)(SR)</b>  Elective Elective Elective	*One of the following 3-credit advanced courses is required: CHEM 405, 450 (3), or 456 (3).

**\*\*NOTE:** The General Emphasis can lead to American Chemical Society Certification if the following courses are included: CHEM 403, 450 and either CHEM 405, 440 or 456.

This advising guide 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 May 17, 2022; please check with your program chair for updates to the program. The university reserves the right to make necessary changes at its discretion.

### Departmental Requirements

- A minimum grade of C- in all courses required by the major; overall chemistry GPA of 2.00 or higher.

- 47 credit hours in Foundation courses and 14 credit hours beyond the Foundation Courses

**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.
- All students must complete a minimum of 40 semester hours of Upper-Division work (300-400 level) which includes courses in the major.
- Students should earn 32 semester hours per year to stay on track to graduate in 4-years (which requires a minimum of 128 semester hours).