

Two Year Course Cycle
Department of Chemistry- Course Offerings
As of April 21, 2022

Chemistry
 Academic Advising
 Course Catalog
 Class Schedule

<http://www.plu.edu/chemistry>
www.plu.edu/academic-advising
<http://www.plu.edu/catalog>
<https://banweb.plu.edu>

This two-year course cycle is intended to assist students in planning their academic program. It also allows the department to anticipate staffing needs. It is subject to change without notice. This is not a contract or guarantee that any specific course will be offered precisely as listed. All course offerings depend on such things as the university budget, instructor availability, and enrollment. Should a substitute course be deemed necessary, a reasonable effort will be made to ensure the new course will continue to fulfill the same major requirement or general education element as the original course. This course cycle does not anticipate possible scheduling conflicts that may arise. Students are expected to meet up with their advisor at least once per semester when planning their pathway to success at PLU, and this course cycle is not a substitute for that expectation. The Class Schedule on Banner Web (banweb.plu.edu) provides the most up-to-date course information.

2022-2023 Academic Year

Course	Course Title	Summer Sections	Fall Sections	J-Term Sections	Spring Sections	Total Sections	Multi-Disciplinary Program Related	Comments
NSCI 350	STEM Education Partnership	0	1	0	0	1	STEM Education; Biology; Environmental Studies	
CHEM 101	Introductory Chemistry	0	0	1	0	1		Prep course for CHEM 105 and CHEM 115
CHEM 103	Food Chemistry NS, SM	0	0	0	1	0		NS, SM without pre-reqs
CHEM 104	Environmental Chemistry NS,SM	0	1	0	1	1	ENVT, GEOS BA	NS, SM without pre-reqs

CHEM 104 LAB	Environmental Chemistry (NS,SM)- LAB	0	2	0	2	4	ENVT, GEOS BA	NS, SM without pre-reqs
CHEM 105	Chemistry of Life NS,SM	0	0	0	2	2	KINS, NURS	
CHEM 115	General Chemistry I NS,SM	1	3	0	0	4	Pre-health Sciences	
CHEM 115 LAB	General Chemistry I (NS,SM)-LAB	1	5	0	0	6		
CHEM 116	General Chemistry II NS,NM	1	0	0	2	3		
CHEM 116 LAB	General Chemistry II (NS,NM)-LAB	1	0	0	4	5		
CHEM 320	Analytical Chemistry	0	0	0	1	1		
CHEM 320 LAB	Analytical Chemistry- LAB	0	0	0	2	2		
CHEM 331	Organic Chemistry I	1	1	0	0	2		
CHEM 332	Organic Chemistry II	1	0	0	1	2		
CHEM 333	Organic Chemistry I- LAB	1	4	0	0	5		
CHEM 334	Organic Chemistry II- LAB	1	0	0	3	4		
CHEM 336	Organic Spec Proj Lab	0	0	0	1	1		
CHEM 341	Physical Chemistry I	0	1	0	0	1		
CHEM 342	Physical Chemistry II	0	0	0	1	1		
CHEM 343	Physical Chemistry I- LAB	0	2	0	0	2		
CHEM 344	Physical Chemistry II- LAB	0	0	0	1	1		
CHEM 403	Biochemistry I	0	1	0	0	1		
CHEM 405	Biochemistry II	0	0	0	1	1		
CHEM 405 LAB	Biochemistry II- LAB	0	0	1	0	1		
CHEM 410	Introduction to Research	0	0	1	0	1		
CHEM 420	Instrumental Analysis	0	0	0	1	1		
CHEM 420 LAB	Instrumental Analysis- LAB	0	0	0	1	1		
CHEM 440	Advanced Organic Chemistry	0	0	0	0	0		
CHEM 450	Inorganic Chemistry	0	1	0	0	1		
CHEM 450 LAB	Inorganic Chemistry- LAB	0	1	0	0	1		

CHEM 456	Polymers & Biopolymers	0	0	0	0	0		
CHEM 456 LAB	Polymers & Biopolymers-LAB	0	0	0	0	0		
CHEM 487	Special Topics in Chemistry	0	0	0	0	0		
CHEM 499A	Capstone Seminar I SR	0	1	0	0	1		
CHEM 499B	Capstone Seminar II SR	0	0	0	1	1		

2023-2024 Academic Year

Course	Course Title	Summer Sections	Fall Sections	J-Term Sections	Spring Sections	Total Sections	Multi-Disciplinary Program Related	Comments
CHEM 101	Fundamentals of Chemistry	0	0	2	0	2	KINS, NURS	
CHEM 103	Food Chemistry NS, SM	1	0	0	0	1		
CHEM 104	Environmental Chemistry NS,SM	0	2	0	0	2	ENVT	
CHEM 104 LAB	Environmental Chemistry (NS,SM)- LAB	0	2	0	0	2	ENVT	
CHEM 105	Chemistry of Life NS,SM	0	0	0	3	3	KINS, NURS	
CHEM 115	General Chemistry I NS,SM	1	3	1	0	5		
CHEM 115 LAB	General Chemistry I (NS,SM)-LAB	1	6	2	0	9		
CHEM 116	General Chemistry II NS,NM	1	0	0	3	4		
CHEM 116 LAB	General Chemistry II (NS,NM)-LAB	1	0	0	5	6		
CHEM 320	Analytical Chemistry	0	0	0	1	1		
CHEM 320 LAB	Analytical Chemistry- LAB	0	0	0	2	2		
CHEM 331	Organic Chemistry I	1	2	0	0	3		
CHEM 332	Organic Chemistry II	1	0	0	1	2		
CHEM 333	Organic Chemistry I- LAB	1	5	0	0	6		

CHEM 334	Organic Chemistry II- LAB	1	0	0	3	4		
CHEM 336	Organic Spec Proj Lab	0	0	0	1	1		
CHEM 341	Physical Chemistry I	0	1	0	0	1		
CHEM 342	Physical Chemistry II	0	0	0	1	1		
CHEM 343	Physical Chemistry I- LAB	0	2	0	0	2		
CHEM 344	Physical Chemistry II- LAB	0	0	0	1	1		
CHEM 403	Biochemistry I	0	1	0	0	1		
CHEM 405	Biochemistry II	0	0	0	1	1		
CHEM 405 LAB	Biochemistry II- LAB	0	0	0	1	1		
CHEM 410	Introduction to Research	0	0	1	0	1		
CHEM 420	Instrumental Analysis	0	0	0	1	1		
CHEM 420 LAB	Instrumental Analysis- LAB	0	0	0	2	2		
CHEM 440	Advanced Organic Chemistry	0	0	0	0	0		
CHEM 440 LAB	Advanced Organic Chemistry- LAB	0	0	0	0	0		
CHEM 450	Inorganic Chemistry	0	0	1	0	1		
CHEM 450 LAB	Inorganic Chemistry- LAB	0	0	1	0	1		
CHEM 499A	Capstone Seminar I SR	0	1	0	0	1		
CHEM 499B	Capstone Seminar II SR	0	0	0	1	1		