

Two-Year Course Cycle
Department of Chemistry – Course offerings
as of January 29, 2019

Chemistry <http://www.plu.edu/chemistry>
 Academic Advising www.plu.edu/academic-advising
 Course Catalog <http://www.plu.edu/catalog>
 Class Schedule <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.

2019 – 2020 Academic Year

Course	Course Title	Fall Sections	J-Term Sections	Spring Sections	Multi-Disciplinary Program Related	Comments
CHEM 104	Environmental Chemistry NS,SM	X				
CHEM 104 LAB	Environmental Chemistry (NS, SM) - LAB	X				
CHEM 105	Chemistry of Life NS,SM			X		
CHEM 105 LAB	Chemistry of Life (NS, SM) - LAB			X		Needs Provost support to continue.
CHEM 115	General Chemistry I NS,SM	X	X			
CHEM 115 LAB	General Chemistry I (NS, SM) - LAB	X	X			
CHEM 116	General Chemistry II NS,SM			X		
CHEM 116 LAB	General Chemistry II (NS, SM) - LAB			X		
CHEM 287	Special Topics in CHEM		X			We hope to have this class with support from Provost. Important for pre-NURS and KINES students.
CHEM 320	Analytical Chemistry			X		

CHEM 320 LAB	Analytical Chemistry - Lab			X		
CHEM 331	Organic Chemistry I	X				
CHEM 332	Organic Chemistry II			X		
CHEM 333	Organic Chemistry I Lab	X				
CHEM 334	Organic Chemistry II Lab			X		
CHEM 336	Organic Spec Proj Lab			X		
CHEM 341	Physical Chemistry	X				
CHEM 342	Physical Chemistry			X		
CHEM 343	Physical Chemistry Lab	X				Our normal is 1 lecture and 3 labs; lab is capped at 10 students due to the dimensions of the classroom. If we have more than 30 students in that class , we'll need 4 sections.
CHEM 344	Physical Chemistry Lab			X		
CHEM 403	Biochemistry I	X				
CHEM 405	Biochemistry II			X		
CHEM 405 LAB	Biochemistry II LAB			X		Space for 16 students
CHEM 410	Introduction to Research		X			
CHEM 420	Instrumental Analysis			X		
CHEM 420 LAB	Instrumental Analysis Laboratory			X		
CHEM 440	Advanced Organic Chemistry		X			Lecture is linked with CHEM 487 (Lab) in J-term
CHEM 450	Inorganic Chemistry	X				
CHEM 450 LAB	Inorganic Chemistry - LAB	X				
CHEM 487 LAB	Special Topics - LAB		X			Lab is linked with CHEM 440 lecture
CHEM 499A	Capstone Seminar I SR	X				
CHEM 499B	Capstone Seminar II SR			X		

2020 – 2021 Academic Year

Course	Course Title	Summer Sections	Fall Sections	J-Term Sections	Spring Sections	Multi-Disciplinary Program Related	Comments
CHEM 103	Food Chemistry NS,SM	X					has not yet been approved by EPC but is currently on the 30-day clock and probably will be vetted and ready for scheduling by the end of February 2019
CHEM 104	Environmental Chemistry NS,SM		X				
CHEM 104 LAB	Environmental Chemistry (NS, SM) - LAB		X				
CHEM 105	Chemistry of Life NS,SM				X		
CHEM 115	General Chemistry I NS,SM	X	X	X			
CHEM 115 LAB	General Chemistry I (NS, SM) - LAB	X	X	X			
CHEM 116	General Chemistry II NS,SM	X			X		
CHEM 116 LAB	General Chemistry II (NS, SM) - LAB	X			X		
CHEM 288	Special Topics in Chemistry			X			experimental course for helping pre-NURS students succeed in CHEM 105 lecture
CHEM 320	Analytical Chemistry				X		
CHEM 320 LAB	Analytical Chemistry - Lab				X		
CHEM 331	Organic Chemistry I	X	X				
CHEM 332	Organic Chemistry II	X			X		
CHEM 333	Organic Chemistry I Lab	X	X				
CHEM 334	Organic Chemistry II Lab	X			X		
CHEM 336	Organic Spec Proj Lab				X		
CHEM 341	Physical Chemistry I		X				
CHEM 342	Physical Chemistry II				X		
CHEM 343	Physical Chemistry I Lab		X				
CHEM 344	Physical Chemistry II Lab				X		
CHEM 403	Biochemistry I		X				
CHEM 405	Biochemistry II				X		

CHEM 405 LAB	Biochemistry II LAB				X		We have needed 2 lab sections of CHEM 405 lab each year since 2017 (the past 3 cycles). Prior to that, we needed only 1. The demand has increased for this course by ~10 students per year, hence the additional lab section beyond what was normal prior to 2017.
CHEM 410	Introduction to Research			X			
CHEM 420	Instrumental Analysis				X		
CHEM 420 LAB	Instrumental Analysis Laboratory				X		
CHEM 456	Polymers & Biopolymers			X			
CHEM 456	Polymers & Biopolymers - LAB			X			
CHEM 487	Special Topics		X				
CHEM 487 LAB	Special Topics - LAB		X				
CHEM 499A	Capstone Seminar I SR		X				
CHEM 499B	Capstone Seminar II SR				X		

2021 – 2022 Academic Year

Course	Course Title	Summer Sections	Fall Sections	J-Term Sections	Spring Sections	Multi-Disciplinary Program Related	Comments
CHEM 103	Food Chemistry NS,SM	X					has not yet been approved by EPC but is currently on the 30-day clock and probably will be vetted and ready for scheduling by the end of February 2019
CHEM 104	Environmental Chemistry NS,SM		X				
CHEM 104 LAB	Environmental Chemistry (NS, SM) - LAB		X				
CHEM 105	Chemistry of Life NS,SM				X		
CHEM 115	General Chemistry I NS,SM	X	X	X			
CHEM 115 LAB	General Chemistry I (NS, SM) - LAB	X	X	X			
CHEM 116	General Chemistry II NS,SM	X			X		
CHEM 116 LAB	General Chemistry II (NS, SM) - LAB	X			X		
CHEM 288	Special Topics in Chemistry			X			experimental course for helping pre-NURS students succeed in CHEM 105 lecture

CHEM 320	Analytical Chemistry				X		
CHEM 320 LAB	Analytical Chemistry - Lab				X		
CHEM 331	Organic Chemistry I	X	X				
CHEM 332	Organic Chemistry II	X			X		
CHEM 333	Organic Chemistry I Lab	X	X				
CHEM 334	Organic Chemistry II Lab	X			X		
CHEM 336	Organic Spec Proj Lab				X		
CHEM 341	Physical Chemistry I		X				
CHEM 342	Physical Chemistry II				X		
CHEM 343	Physical Chemistry I Lab		X				
CHEM 344	Physical Chemistry II Lab				X		
CHEM 403	Biochemistry I		X				
CHEM 405	Biochemistry II				X		
CHEM 405 LAB	Biochemistry II LAB				X		
CHEM 410	Introduction to Research			X			
CHEM 420	Instrumental Analysis				X		
CHEM 420 LAB	Instrumental Analysis Laboratory				X		
CHEM 440	Advanced Organic Chemistry			X			
CHEM 450	Inorganic Chemistry		X				
CHEM 450 LAB	Inorganic Chemistry Lab		X				
CHEM 487 LAB	Special Topics - LAB			X			This lab section will correspond with CHEM 440 in J-term 2022
CHEM 499A	Capstone Seminar I SR		X				
CHEM 499B	Capstone Seminar II SR				X		