

**Two -Year Course Cycle**  
**Department of Chemistry - Course Offerings**  
**as of April 9, 2015**

Department of Chemistry [www.chem.plu.edu](http://www.chem.plu.edu)  
 Academic Advising [www.plu.edu/academic-advising](http://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 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.

**2015-2016 Academic Year**

Course	Course Title	Fall	J-term	Spring	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		
CHEM 115	General Chemistry I NS,SM	X	X			Maximum Class size of 20 Students
CHEM 115 LAB	General Chemistry I (NS, SM) - LAB	X	X			Maximum Class size of 20 Students
CHEM 116	General Chemistry II NS,SM			X		
CHEM 116 LAB	General Chemistry II (NS, SM) - LAB			X		
CHEM 190	FYEP SEMINAR				FYEP	
CHEM 287	Special Topics in CHEM					
CHEM 288	Special Topics in CHEM					
CHEM 289	Special Topics in CHEM					
CHEM 291	Directed Study					
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				
CHEM 344	Physical Chemistry Lab			X		
CHEM 387	Special Topics in CHEM					
CHEM 388	Special Topics in CHEM					
CHEM 389	Special Topics in CHEM					
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 Chem					
CHEM 450	Inorganic Chemistry					
CHEM 450 LAB	Inorganic Chemistry - LAB					
CHEM 456	Polymers and Biopolymers					
CHEM 456 LAB	Polymers and Biopolymers - LAB					
CHEM 487	Special Topics in CHEM		X			
CHEM 487 LAB	Special Topics - LAB		X			
CHEM 488	Special Topics in CHEM					
CHEM 489	Special Topics in CHEM					
CHEM 495	Internship					
CHEM 497	Research					
CHEM 499A	Capstone Seminar I SR	X				
CHEM 499B	Capstone Seminar II SR			X		
STAT 241	Applied Stats/Scientists MR,NS					
WRIT 101	WRITING SEMINAR				FYEP	

## 2016-2017 Academic Year

Course	Course Title	Fall	J-term	Spring	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		
CHEM 115	General Chemistry I NS,SM	X	X			Maximum Class size of 20 Students
CHEM 115 LAB	General Chemistry I (NS, SM) - LAB	X	X			Maximum Class size of 20 Students
CHEM 116	General Chemistry II NS,SM			X		
CHEM 116 LAB	General Chemistry II (NS, SM) - LAB			X		
CHEM 190	FYEP SEMINAR				FYEP	
CHEM 287	Special Topics in CHEM					
CHEM 288	Special Topics in CHEM					
CHEM 289	Special Topics in CHEM					
CHEM 291	Directed Study					
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				
CHEM 344	Physical Chemistry Lab			X		
CHEM 387	Special Topics in CHEM					
CHEM 388	Special Topics in CHEM					
CHEM 389	Special Topics in CHEM					
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 Chem					
CHEM 450	Inorganic Chemistry	X				
CHEM 450 LAB	Inorganic Chemistry - LAB	X				
CHEM 456	Polymers and Biopolymers		X			
CHEM 456 LAB	Polymers and Biopolymers - LAB		X			
CHEM 487	Special Topics in CHEM					
CHEM 487 LAB	Special Topics - LAB					
CHEM 488	Special Topics in CHEM					
CHEM 489	Special Topics in CHEM					
CHEM 495	Internship					
CHEM 497	Research					
CHEM 499A	Capstone Seminar I SR	X				
CHEM 499B	Capstone Seminar II SR			X		
STAT 241	Applied Stats/Scientists MR,NS					
WRIT 101	WRITING SEMINAR				FYEP	