

ACADEMIC PROGRAM CONTRACT (APC) Chemistry

2009-10 Catalog

Student Name: _____ **Dept Chair Init:** _____
Student ID: _____ **Major Advisor:** _____
Student E-mail: _____ **Anticipated Grad Date:** _____

When completed, with appropriate departmental signatures, return to Student Services/Registrar's Office.

Major/Minor Selection (check a box):												
SUBJ	Courses	Course Title										
			BA	Grade	BS: General	Grade	BS: Biochem. Emphasis	Grade	BS: Chem. Phys. Emphasis	Grade	Minor	Grade
CHEM	115	General Chemistry I	4		4		4		4		4	
	116	General Chemistry II	4		4		4		4		4	
	320	Analytical Chemistry	4		4		4		4		4	
	331	Organic Chemistry I	4		4		4		4		4	
	332	Organic Chemistry II	4		4		4		4		4	
	333	Organic Chemistry I Laboratory	1		1		1		1		1	
	334 (or 336)	Organic Chemistry II Laboratory	1		1		1		1		1	
	341	Physical Chemistry I	4		4		4		4			
	342	<i>Physical Chemistry II</i>	4		4				4			
	343	Physical Chemistry I Laboratory	1		1		1		1			
	344	<i>Physical Chemistry II Laboratory</i>			1				1			
	403	Biochemistry I					4					
	405 (or 440 or 456)	<i>Adv. Biochem, Adv. Org., or Polymers</i>			3		3					
	410	Introduction to Research			2		2					
	420	Instrumental Analysis			4		4					
	450	<i>Inorganic</i>			3		3					
	491	Independent Study (Elective)					1-4		1-4			
	497	Research (Elective)					1-4		1-4			
		Research (BS requirement)			100 hr		100 hr		100 hr			
	499	Capstone	2		2		2		2			
CHEM COURSES REQUIRED (ACS Cert. req's ital. courses also.)			33		46		45		34		22	
MATH	151	Calculus I	4		4		4		4			
	152	Calculus II	4		4		4		4			
	253	Multivariate Calculus							4			
PHYS	153	General Physics I	4		4		4		4			
	154	General Physics II	4		4		4		4			
	163	General Physics I Lab	1		1		1		1			
	164	General Physics II Lab	1		1		1		1			
	331	Electromagnetic Theory							4			
	332	EM Waves and Phys. Optics							4			
	336	Classical Mechanics							4			
	356	Mathematical Physics							4			
BIOL	125	Introductory Biology I					4					
	126	Introductory Biology II					4					
	000	Additional Biology Elective					4					
	328,332,364,407,441,448, or CHEM 342	Supporting Course Total					4					
Total Major Hours Required			51		64		79		72			

Other Degree Requirements

1. A minimum of 128 semester hours must be completed with a GPA of 2.00 or higher.
2. In addition to the requirements of this major, students must complete all other requirements of the University as listed in the catalog.
3. All courses counted toward a Chemistry major must be completed with grades of C- or higher & with a cumulative GPA of 2.00 or higher in those courses.
4. The BS & BA in Chemistry requires completion of the College of Arts & Sciences Requirement.
5. No more than 44 hours from any one department may be counted toward the 128 hours required for graduation.
6. At least 8 semester hours for the major must be taken in residence at PLU.
7. BS students can apply for Departmental Honors, an application is required. See department for details.

Graduation Clearance: All requirements of the major/minor described above have been met or will be met with final coursework.

Dept Chair: _____

Date: _____

Comments: _____