

THE UNIVERSITY OF PUGET SOUND

2016-2017 CURRICULUM GUIDE

NATURAL SCIENCE/CHEMISTRY

DEGREE: BS

CONTACT PERSON: DAN BURGARD

A suggested four-year program:

Fall Semester Classes

Spring Semester Classes

Freshman	Units	Units	Units
SSI 1	1	SSI 2	1
CHEM 110/lab or CHEM 115/lab (NS core)*	1	CHEM 120/lab or 230/lab	1
MATH 180 (or higher) (MA core)	1	MATH 181 (or higher)	1
FL (if needed) or elective	1	FL (if needed) or elective	1

Sophomore	Units	Units	Units
CHEM 250/lab	1	CHEM 251/lab	1
PHYS 121 (or 111) or BIOL 111	1	PHYS 122 (or 112) or BIOL 112	1
Elective	1	Elective	1
Approaches core	1	Approaches core	1
		CHEM 231 (if needed)*	0.5

Junior	Units	Units	Units
CHEM 340	1	Chemistry Course	1
Science elective 1**	1	Science elective 2 **	1
Approaches core	1	Elective	1
Elective	1	Elective	1

Senior	Units	Units	Units
Science elective 3**	1	Science elective 4**	1
CN core ¹	1	Elective	1
Elective	1	Elective	1
Elective	1	Elective	1

Puget Sound requires a total of 32 units to graduate.

NOTES:

Six units of Chemistry normally counted toward the major are required; thus substitutions may be made through advising.

- 1) Of the three units of upper division coursework required outside the first major, the Connections course will count for one unless it is used to meet a major requirement.

*Either CHEM 110 and 120 or 115 and 230 serve as prerequisites for CHEM 250. Chemistry majors who take the 110/120 sequence will also need to take 231. Students enrolling in Chem 231 may have up to 4.5 academic units without incurring additional tuition fees.

**Four additional units of Biology, Chemistry, Geology, Physics or Math/Computer Science (all courses normally counted toward a major.). No more than two may be CHEM courses.

Must maintain a minimum GPA of 2.00 in all graded courses, including transfer courses, in the major.

THE UNIVERSITY OF PUGET SOUND
COURSE CHECKLIST
NATURAL SCIENCE/CHEMISTRY

CORE CURRICULUM

UNIVERSITY CORE	CRS	TERM	GRADE
SSI1			
SSI2			
AR			
HM			
MA (MATH 180#)			
NS (CHEM 110#)			
SL			
CN			

KEY

SSI1= Seminar in Scholarly Inquiry1	MA= Mathematical Approaches
SSI2= Seminar in Scholarly Inquiry2	NS= Natural Scientific Approaches
AR= Artistic Approaches	SL= Social Scientific Approaches
HM= Humanistic Approaches	CN= Connections
	FL= Foreign Language

Foreign Language Requirement (circle one)

- 1) Two semesters at 101/102 level or One semester at 200+ level
- 2) Proficiency exam (3rd year high school level or 1st year college level)
- 3) AP foreign language score of 4 or 5
- 4) IB higher level foreign language score of 5, 6, or 7

Upper Division Level Requirement

Three units at the upper division level outside the first major.

KNOWledge, Identity, and Power Requirement

One course. See Bulletin for details. Courses may also fulfill other program or graduation requirements.

MAJOR REQUIREMENTS

COURSE	UNITS	TERM	GRADE
CHEM 110, 120 and 231#	2.5		
OR			
CHEM 115 and 230	2		
CHEM 250##	1		
CHEM 251##	1		
CHEM 340##	1		
CHEM Course##	1		
MATH 180 (or higher)#	1		
MATH 181 (or higher)#	1		
PHYS 111 (or121) or BIOL 111#	1		
PHYS 112 (or 122) or BIOL 112#	1		
Science elective 1*	1		
Science elective 2*	1		
Science elective 3**	1		
Science elective 4**	1		

THIS FORM IS
NOT AN
OFFICIAL GRADUATION ANALYSIS

NOTES

These major requirements may be used to fulfill University cores.

Four units of Chemistry normally counted toward the major are required; thus substitutions may be made through advising.

*Four additional units of Biology, Chemistry, Geology, Physics or Math/Computer Science (all courses normally counted toward a major).

**No more than two may be Chemistry courses.

Must maintain a minimum GPA of 2.00 in all graded courses, including transfer courses, in the major.