THE UNIVERSITY OF PUGET SOUND

2017-2018 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**
SSI 1	1	SSI 2	1
CHEM 110/lab or CHEM 115/lab (NS core)*	1	CHEM 120/lab or CHEM 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**
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**
CHEM 340	1	CHEM Course	1
Science elective 1**	1	Science elective 2**	1
Approaches core	1	Elective	1
Elective	1	Elective	1
Senior	**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. However, some students may opt to only take 3.5 units this semester, with 2.5 units coming from lab classes. Both CHEM 110/120 and the accelerated sequence of CHEM 115/230 count toward the Natural Scientific Approaches core.

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

Must maintain a minimum GPA of 2.0 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
SSI 1			
SSI 2			
AR			
HM			
MA (MATH 180#)			
NS (CHEM 110#)			
SL			
CN			

KEY

SSI1= Seminar in Scholarly Inquiry1
SSI2= Seminar in Scholarly Inquiry2
AR= Artistic Approaches
HM= Humanistic Approaches
MA= Mathematical Approaches
NS= Natural Scientific Approaches
SL= Social Scientific 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 (or 121) or BIOL 111#	1		
PHYS 112 (or 122) or BIOL 112#	1		
Science elective *	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, Math/Computer Science (all courses normally counted toward a major).

**No more than two Chemistry courses allowed as part of the four additional science electives.

Must maintain a minimum GPA of 2.0 in all graded courses, including transfer courses, in the major.