THE UNIVERSITY OF PUGET SOUND

2021-2022 CURRICULUM GUIDE

CHEMISTRY DEGREE: BS

CONTACT PERSON: JOHANNA CRANE

A SUGGESTED four-year program:

Fall Semester Classes

Spring Semester Classes

Freshman	Units		Units
SSI 1	1	SSI 2	1
CHEM 110/lab or 115/lab ¹ (NS core)	1	CHEM 120/lab or 230/lab ¹	1
MATH 180 (MA core)	1	MATH 181	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/lab	1	PHYS 122/lab	1
MATH 280	1	Approaches core	1
Approaches core	1	Elective	1
		CHEM 231 ¹ (if needed)	0.5

Junior	Units		Units
CHEM 340	1	CHEM 341/lab	1
CHEM 330/lab	1	CHEM 300-400 level elective ^{2, 3}	0.5-1
Approaches core	1	Elective	1
Elective	1	Elective	1

Senior	Units		Units
CHEM 490 (Sr. Research)	1	CHEM 420/lab	1
CN core ⁴	1	Elective	1
Elective	1	Elective	1
Elective	1	Elective	1
CHEM 493 (Seminar)	0	CHEM 493 (if necessary)	0

Puget Sound requires a total of 32 units to graduate

NOTES:

- 1) 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 CHEM 231, which is exempt from the tuition overload policy.
- 2) Students desiring an American Chemical Society certified degree should complete the BS requirements and also take CHEM 460.
- 3) CHEM 390 may <u>not</u> be used to fulfill the Chemistry elective requirement for BS majors. At least 0.5 unit required for the major.
- 4) 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.

A minimum grade of C must be earned in all courses for the major.

THE UNIVERSITY OF PUGET SOUND

COURSE CHECKLIST CHEMISTRY (BS)

CORE CURRICULUM

MAJOR REQUIREMENTS

UNIVERSITY CORE	CRS	TERM	GRADE	COURSE	UNITS	TERM	GRADE
SSI 1				CHEM 110, 120 and 231*			
SSI 2				OR CHEM 115 and 230			
AR				CHEM 250			
НМ				CHEM 251			
MA (MATH 180 or 181)#				CHEM 330			
NS (CHEM 110 or 115)#				CHEM 340			
SL				CHEM 341			
CN				CHEM 420			
<u>KI</u>	E <u>Y</u>	CHEM 490 (I unit)					
SSI1= Seminar in Scholarly Inquiry1 MA= Mathematical Approaches			CHEM 493**				
AR= Artistic Approaches SL= HM= Humanistic Approaches CN=		latural Scientific Approaches ocial Scientific Approaches		CHEM 300-400 level elective (0.5 unit)***			
	FL= Foreign L			MATH 180			

Foreign Language Requirement**** (circle one)

- 1) Two semesters at 101/102 level or One semester at 200+ level
- Proficiency exam (3rd 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

KNOWledge, Identity, and Power Requirement

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

Upper Division Level Requirement

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

THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS

NOTES

MATH 181

MATH 280

PHYS 121

PHYS 122

A minimum grade of C must be earned in all courses for the major.

- #These major requirements may be used to fulfill university cores.
- *CHEM 231 is exempt from the tuition overload policy.
- **No credit for the Seminar requirement.
- ***One-half unit Chemistry elective at the 300+ level. CHEM 390 may NOT be used to fulfill the chemistry elective requirement for BS majors.