THE UNIVERSITY OF PUGET SOUND

2021-2022 CURRICULUM GUIDE

BIOCHEMISTRY

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
Approaches core	1	BIOL 111	1
Sophomore	**Units**		**Units**
CHEM 250/lab[2]	1	CHEM 251/lab	1
PHYS 121/lab	1	PHYS 122/lab	1
MATH 280	1	BIOL 212/lab	1
FL (if needed) or Approaches core	1	FL (if needed) or Approaches core	1
		CHEM 231[2] (if needed)	0.5
Junior	**Units**		**Units**
CHEM 340	1	BIOL 213/lab	1
CHEM 330, 341, or 420[3]	1	CHEM 300+[3] or BIOL 300-400 level elective[4]	1
Approaches core (if needed) or Elective	1	Approaches core (if needed) or Elective	1
Elective	1	Elective	1
Senior	**Units**		**Units**
CHEM 460/lab	1	CHEM 461	1
CN core[5]	1	Elective	1
Elective	1	Elective	1
Elective	1	Elective	1

Puget Sound requires a total of 32 units to graduate.

NOTES:

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

1) CHEM 110, 120 and 231 or CHEM 115 and 230.
2) Either CHEM 110 and 120 or 115 and 230 serve as prerequisites for CHEM 250. Biochemistry majors who take the 110/120 sequence will also need to take CHEM 231, which is exempt from the tuition overload policy.
3) CHEM 330 is offered in fall, while 341 and 420 are offered in spring.
4) BIOL 361 may not be used to satisfy this requirement.
5) 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.
6) Upper-level Biology courses that are not used for the Biochemistry major will count as upper division courses outside the major.

THE UNIVERSITY OF PUGET SOUND

COURSE CHECKLIST

CHEMISTRY (BS IN BIOCHEMISTRY)

CORE CURRICULUM

UNIVERSITY CORE	CRS	TERM	GRADE
SSI 1			
SSI 2			
AR			
HM			
MA (MATH 180 or 181)#			
NS (CHEM 110 or 115)#			
SL			
CN			

KEY

SSI1= Seminar in Scholarly Inquiry1
SSI2= Seminar in Scholarly Inquiry2
MA= Mathematical Approaches
NS= Natural Scientific Approaches
SL= Social Scientific Approaches
AR= Artistic 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

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.

MAJOR REQUIREMENTS

COURSE	UNITS	TERM	GRADE
CHEM 110, 120 and 231* OR CHEM 115 and 230			
CHEM 250			
CHEM 251			
CHEM 340			
CHEM 460			
CHEM 461			
BIOL 111			
BIOL 212			
BIOL 213			
CHEM 330, 341, or 420			
CHEM 300+ or BIOL 300+ elective**			
MATH 180			
MATH 181			
MATH 280			
PHYS 121			
PHYS 122			
CHEM or BIOL Research unit***			

THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS

NOTES

#These major requirements may be used to fulfill university core requirements.

*CHEM 231 is exempt from the tuition overload policy.

**BIOL 361 may not be used to satisfy this requirement.

***Majors in Biochemistry are encouraged to participate in undergraduate research in the Chemistry or Biology Departments.

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

Majors in Biochemistry may not earn additional majors or minors in Chemistry or Molecular and Cellular Biology.