

THE UNIVERSITY OF PUGET SOUND

2017-2018 CURRICULUM GUIDE

ANY MAJOR: PRE-DENTAL

DEGREE: BA OR BS

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HEALTH PROFESSIONS ADVISING @ WWW.PUGETSOUND.EDU/HPA

A suggested four-year program:

Early contact with the Chair of the Health Professions Advising Committee or the program coordinator is recommended in the first year.

The Dental School Admission Requirements book must be checked during the sophomore year for specific school requirements.

Fall Semester Classes

Spring Semester Classes

Freshman		Units			Units
SSI 1	1	SSI 2	1		
CHEM 110/lab (NS core) ¹	1	CHEM 120/lab ²	1		
Math (MA core) ⁶	1	BIOL 111/lab ¹	1		
FL (if needed) or Major*	1	FL (if needed) or Major*	1		
Sophomore		Units			Units
BIOL 112/lab ³	1	BIOL 212/lab ³	1		
CHEM 250/lab	1	CHEM 251/lab	1		
Approaches core	1	Approaches core	1		
Elective or Major	1	Elective or Major	1		
Junior		Units			Units
PHYS 111/lab**	1	PHYS 112/lab*	1		
Elective or BIOL 350 ^{4***}	1	Elective	1		
Approaches core	1	Elective or Major	1		
Elective or Major	1	Elective or Major	1		
Senior		Units			Units
CN core ⁷	1	Elective or Major	1		
Elective or Major	1	Elective or Major	1		
Elective or Major	1	Elective or Major	1		
Elective or CHEM 460/lab or BIOL 361 ^{5***}	1	Elective or CHEM 461 ^{5***}	1		

Puget Sound requires a total of 32 units to graduate.

NOTES:

- 1) Students with strong Chemistry background could take CHEM 115.
- 2) Students who take CHEM 115 should take CHEM 230.
- 3) Biology majors, take BIOL 111/112 first year. BIOL 112 covers material on the DAT; BIOL 212 includes an introduction to immunology and is preparation for, biochemistry, and dental school courses.
- 4) Some schools (including UW) require microbiology. Check with individual dental schools for additional requirements.
- 5) Some schools require biochemistry. If a lab is required, take CHEM 460 & 461 (prerequisites CHEM 230 or 231). BIOL 361 is a non-lab, one semester course.
- 6) Schools vary widely, so check programs of interest. Many programs do not list specific courses; others require statistics and/or calculus. Some schools ask for 2 semesters of math.
- 7) 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.

*Meet with advisor to ensure that major requirements as well as university requirements are met.

**PHYS 111/112 is preferable, but 121/122 is acceptable.

***Recommended. Required at some schools.

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COURSE CHECKLIST ANY MAJOR: PRE-DENTAL

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 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.

NOTES

#Denotes labs.

*CHEM 230 or 231, 251, and permission of instructor are prerequisites.

**Recommended. Required at some schools. For most ;programs a 1-semester course is sufficient.

MAJOR REQUIREMENTS

COURSE	UNITS	TERM	GRADE
BIOL 111#			
BIOL 212#			
BIOL 350**			
Biochemistry**, CHEM 460*# & 461 OR BIOL 361			
CHEM 110 (or 115) ¹ #			
CHEM 120 (or 230) ¹ #			
CHEM 250#			
CHEM 251#			
EXSC 221/222**			
MATH 180			
PHYS 111 (or 121)#			
PHYS 112 (or 122)#			

**THIS FORM IS
NOT AN
OFFICIAL GRADUATION ANALYSIS**

Recommendations

- There is no single best major to prepare for a health profession—choose a subject that you love, and then be sure to take the pre-requisite courses (listed above).
- For a higher probability of success in your classes, **spread out the science courses**. Science majors will spend most of their semesters taking 2 lab courses; non-science majors have the luxury of tackling the science classes one course at a time. **Warning:** taking 3 science courses with labs in one semester is NOT recommended.
- **Start with Chemistry**. The first year chemistry sequence is a pre-requisite for future chemistry courses AND for Biology 212 (recommended for most pre-health professions students). Since Chemistry is a year-long sequence, it can't be started mid-year [Many of the Biology courses are offered each semester].
- Minors and second majors are much less important than the actual classes you take. In general, health professions programs appreciate breadth—this means strength in the sciences, but also exposure to courses which will provide insight on other cultures and diverse ways of thinking, ethical issues, and psychological and societal influences on individual health and healthcare systems.