

# THE UNIVERSITY OF PUGET SOUND

2021-2022 CURRICULUM GUIDE

**ANY MAJOR: PRE-VETERINARY MEDICINE**

DEGREE: BA or BS

CONTACT PERSON: JOYCE TAMASHIRO

PROGRAM COORDINATOR: Nova Ferguson 253-879-2708, healthprofessions@pugetsound.edu

HEALTH PROFESSIONS ADVISING @ [WWW.PUGETSOUND.EDU/HPA](http://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. Animal nutrition and physiology coursework, required at some schools, are not reflected here. Direct animal contact through a practicing D.V.M. is required at most schools.

*Fall Semester Classes*

*Spring Semester Classes*

<b>Freshman</b>	<b>Units</b>		<b>Units</b>
SSI 1	1	SSI 2	1
BIOL 111/lab <sup>3</sup> (NS core)	1	BIOL 112/lab <sup>3</sup>	1
Math*** (MA core) or Elective	1	Math*** (MA core) or Elective	1
FL (if needed) or Major*	1	FL (if needed) or Major*	1
<b>Sophomore</b>	<b>Units</b>		<b>Units</b>
CHEM 110/lab <sup>1</sup>	1	CHEM 120/lab <sup>2</sup>	1
Elective or Major	1	Elective or Major	1
Approaches core	1	Approaches core	1
Elective or Major	1	Elective or Major	1
<b>Junior</b>	<b>Units</b>		<b>Units</b>
CHEM 250/lab	1	CHEM 251/lab	1
BIOL 212/lab	1	Elective or BIOL 213/lab <sup>4</sup>	1
Approaches core	1	Elective	1
Elective or Major	1	Elective or Major	1
<b>Senior</b>	<b>Units</b>		<b>Units</b>
CN core <sup>6</sup>	1	Elective or Major	1
PHYS 111/lab**	1	PHYS 112/lab**	1
Elective or Major	1	Elective or Major	1
Elective or CHEM 460/lab <sup>5</sup>	1	Elective or CHEM 461 or BIOL 361 <sup>5</sup>	1

### NOTES:

**Puget Sound requires a total of 32 units to graduate.**

- 1) Chemistry/Biochemistry majors should take Chemistry in first year. Students with a strong chemistry background could take CHEM 115.
- 2) Students who have taken CHEM 115 should take CHEM 230.
- 3) If Biology major, take BIOL 111/112 first year.
- 4) BIOL 213 is required at many veterinary medical schools; BIOL 350 at some.
- 5) Many schools require biochemistry. BIOL 361 fills the requirement for a one semester course without lab. If target school requires a lab course, choose CHEM 460 and 461—the year-long sequence is needed to cover metabolism.
- 6) 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 acceptable.

\*\*\*The math requirement is highly variable, most programs require only one math course, but some request two. Statistics is required at some schools; MATH 260 may be preferable for some programs. Check the pre-requisites for programs of interest.

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## COURSE CHECKLIST

### ANY MAJOR: PRE-VETERINARY MEDICINE

#### CORE CURRICULUM

UNIVERSITY CORE	COURSE	TERM	GRADE
SSI 1			
SSI 2			
AR			
HM			
MA			
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 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.

\*Check programs of interest. Some schools may specify animal or human physiology.

\*\*The math requirement is highly variable, most programs require only one math course, but some request two. Statistics is required at some schools; MATH 260 may be preferable for some programs. Check the pre-requisites for programs of interest.

- 1) If program requires Biochemistry with a lab, take CHEM 460 and 461. BIOL 361 is a one semester non-lab option if a lab is not required.
- 2) CHEM 230 or 231 are prerequisites.

#### MAJOR REQUIREMENTS

COURSE	UNITS	TERM	GRADE
BIOL 111#			
BIOL 112#			
BIOL 212 # (pre-req for BIOL 350)			
BIOL 213#*			
BIOL 350#*			
CHEM 110 (or 115)#			
CHEM 120 (or 230)#			
CHEM 250#			
CHEM 251#			
MATH**			
PHYS 111 (or 121) #			
PHYS 112 (or 122) #			
EXSC 221# or BIOL 334#*			
Biochemistry* <sup>1</sup> , BIOL 361 <b>OR</b> CHEM 460# <sup>2</sup> and 461 <sup>2</sup>			

**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 on back).
- 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.
- Chemistry/Biochemistry majors or students with a strong science background should take Chemistry in first year to provide greater flexibility for future semesters.
- 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.