## The University of Puget Sound

## 2020-2021 CURRICULUM GUIDE

ANY MAJOR: PRE-DENTAL
DEGREE: BA OR BS
CONTACT PERSON: JOYCE TAMASHIRO
PROGRAM COORDINATOR: Nova Fergueson 253-879-2708, healthprofessions@pugetsound.edu 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 | $\underline{\text { Spring Semester Classes }}$ |  | nits |
| :---: | :---: | :---: | :---: |
| Freshman | nits |  |  |
| SSI 1 | 1 | SSI 2 | 1 |
| BIOL 111/lab ${ }^{1}$ | 1 | BIOL 112/lab ${ }^{3}$ | 1 |
| Math (MA core) ${ }^{6}$ | 1 | Elective or Major | 1 |
| FL (if needed) or Major* | Units | FL (if needed) or Major* | Units |
| Sophomore |  |  |  |
| CHEM 110/lab (NS core) ${ }^{1}$ | 1 | CHEM 120/lab ${ }^{2}$ | 1 |
| Elective or Major | 1 | Elective or Major | 1 |
| Approaches core | 1 | Approaches core | 1 |
| Elective or Major | 1 | Elective or Major | 1 |
| Junior | Units |  | Units |
| CHEM 250/lab | 1 | CHEM 251/lab | 1 |
| BIOL 212/lab ${ }^{3}$ or Elective | 1 | Elective or BIOL 212/lab ${ }^{3}$ | 1 |
| Approaches core | 1 | Elective or Major | 1 |
| Elective or Major | 1 | Elective or Major | 1 |
| Senior | Units |  | Units |
| BIOL 350 ${ }^{4 * * *}$ CN core ${ }^{7}$ | 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 ${ }^{5 * * *}$ | 1 | Elective or CHEM 461 or BIOL $361{ }^{5 * * *}$ | 1 |

## NOTES:

Puget Sound requires a total of 32 units to graduate

1) If Chemistry/Biochemistry major or strong science background, take CHEM in the first year. 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. BIOL 361 is a non-lab, one semester course. If a lab is required, take CHEM $460 \& 461$ (prerequisites CHEM 230 or 231).
6) Schools vary widely, so check programs of interest. Many programs do not list specific math 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.

CORE CURRICULUM

| UNIVERSITY CORE | CRS | TERM | GRADE |
| :--- | :--- | :--- | :--- |
| SSI 1 |  |  |  |
| SSI 2 |  |  |  |
| AR |  |  |  |
| HM |  |  |  |
| MA |  |  |  |
| NS (BIOL 111) |  |  |  |
| SL |  |  |  |
| CN |  |  |  |

## KEY

SSI1 = Seminar in Scholarly Inquiry 1 MA= Mathematical Approaches
SSI2 $=$ Seminar in Scholarly Inquiry2 NS= Natural Scientific Approaches
AR=Artistic Approaches $\quad$ SL= Social Scientific Approaches
HM= Humanistic Approaches
$\mathrm{CN}=$ 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

* Recommended. Required at some schools. For most programs a 1semester course is sufficient.
**CHEM 230 or 231,251 , and permission of instructor are prerequisites.
***Schools vary widely, so check programs of interest. Many programs do not list specific math courses; others require statistics and/or calculus. Some schools ask for 2 semesters of math.
\#Denotes labs.

MAJOR REQUIREMENTS

| COURSE | UNITS | TERM | GRADE |
| :--- | :--- | :--- | :--- |
| BIOL 111\# |  |  |  |
| BIOL 212\# |  |  |  |
| BIOL 350* |  |  |  |
| Biochemistry* (BIOL 361 OR <br> CHEM 460** \& 461) |  |  |  |
| CHEM 110 (or 115) ${ }^{1} \#$ |  |  |  |
| CHEM 120 (or 230) ${ }^{1} \#$ |  |  |  |
| CHEM 250\# |  |  |  |
| CHEM 251\# |  |  |  |
| EXSC 221/222* |  |  |  |
| Pre Dental MATH*** |  |  |  |
| PHYS 111 (or 121)\# |  |  |  |
| PHYS 112 (or 122)\# |  |  |  |

## THIS FORM IS <br> NOT AN <br> 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; nonscience 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.

