

# Suggested Plan for Public Health Science Courses by Year

## First Year

### Public Health Program - Option 1

FALL	WINTER	SPRING
CHEM 11	CHEM 12	CHEM 31
MATH 35 (preferred) or MATH 11	MATH 36 (preferred) or MATH 12	BIOL 1A
CTW 1 or Core	CTW 1, CTW 2, or Core	CTW 2 or PHSC 1
C&I 1 or Core	C&I 1 or CI 2	C&I 2, PHSC 1 or Core

\*Students will complete BIOL 1B and 1C during the following year.

### Public Health Program – Option 2

FALL	WINTER	SPRING
CHEM 11	CHEM 12	CHEM 31
MATH 9	MATH 35 (preferred) or MATH 11	MATH 36 (preferred) or MATH 12
CTW 1 or Core	CTW 1, CTW 2, or Core	CTW 2 or PHSC 1
C&I 1 or Core	C&I 1 or C&I 2	C&I 2, PHSC 1, or Core

\*Students will begin the BIOL 1A, 1B, 1C sequence in the following year.

### Public Health Program – Option 3

FALL	WINTER	SPRING
CHEM 11	CHEM 12	CHEM 31
MATH 35 (preferred) or MATH 11	BIOL 1A	BIOL 1B
CTW 1 or Core	MATH 36 (preferred) or MATH 12	PHSC 1
Core	CTW 2 or Core	CTW 2 or Core

\*Students will complete BIOL 1C the following year.

\*\*Students will take Cultures and Idea I and II the following year.

### Public Health Program – Option 4

FALL	WINTER	SPRING
CHEM 11	CHEM 12	CHEM 31
MATH 9	MATH 35 (preferred) or MATH 11	MATH 36 (preferred) or MATH 12
CTW 1 or Core	CTW 1, CTW 2, or PHSC 1	CTW 2 or PHSC 1
Core	BIOL 1A	BIOL 1B

\*Students will complete BIOL 1C the following year.

\*\*Students will take Cultures and Idea I and II the following year.

### Notes:

- 1) The above options are some of the most common ways for PHSC students' to schedule their first year at SCU; however, there are other configurations.
- 2) Students are encouraged to take both CHEM 11, 12, and 31 *and* either MATH 35-36, Calculus for the Life Sciences I/II (preferred) or MATH 11-12, Calculus & Analytic Geometry I/II during their first year.
- 3) Students are encouraged not to take both Critical Thinking & Writing 1 and Cultures and Ideas 1 in their first term if taking Chemistry and Calculus.
- 4) Students are encouraged to take PHSC 1 (Intro to Public Health) by spring of their first year if possible as it is the pre-requisite for PHSC 2 and PHSC 3 that should be taken sophomore year.
- 5) Whenever "CORE" is noted, consider completing a course from the list of social science lower division requirements for the PHSC major or Religion, Theology and Culture I (RTC 1). Students must take two courses from this social science lower division list for the major and all satisfy different core requirements (see [requirement checklist](#) for information).

## Second Year

Students ideally want to do the following by the end of their second year:

- Complete PHSC 1 (Intro to Public Health), PHSC 2 (The American Health System), and PHSC 3 (Intro to Community Health);
- Either finish (or begin) the BIOL 1A, 1B, 1C sequence if they completed (or are currently enrolled in) CHEM 11, 12, 31.
- Finish CHEM 32 and 33. If students started CHEM 11, 12 and 31 in their sophomore year, they will take CHEM 32 and 33 in their third year;
- Finish the lower division social science requirements required for the PHSC major (pay attention to what core requirements they count towards). See [requirement checklist](#) for approved list of classes.
- Complete the Religion, Theology and Culture 1 core requirement if not taken in first year.
- Consider finishing the Second Language requirement if they have room. See Modern Languages website for more information concerning [required placement survey](#).
- Enroll in PHSC 139, Experiential Learning in Public Health, if they are considering doing an internship during the summer after sophomore year. PHSC 1 is the pre-requisite for PHSC 139.

## Third Year

During Junior year, students will want to:

- Take PHSC 150, Evidence-Based Public Health (PHSC 1, 2 and 3 are the pre-requisites).
- Try to enroll in PHSC 100/BIOL 117, Epidemiology (BIOL 1C is the pre-requisite). Students may have to wait until Senior year to secure a spot due to limited seats (this class is cross-listed with Biology). Students have time—you only need to complete PHSC 100 prior to enrolling in your capstone requirement during Senior year.
- Complete their PHSC elective and/or Upper Division Social Science/Humanities electives (see [requirement checklist](#) for approved course list) required for the major.
- Enroll in PHSC 139, Experiential Learning in Public Health (if not taken previously), so they can begin looking for an internship. They should refer to [PHSC internship instructions](#) for further information and make sure to have their faculty advisors officially approve internships prior to their start dates.
- Start taking two upper division Biomedical electives required for the major (at least one must have a laboratory component). See [requirement checklist](#) for approved list of classes.

## Fourth Year

During Senior year students need to:

- Finish two upper division Biomedical electives for approved for the major (at least one must have a laboratory component).
- Complete PHSC 100/BIOL 117 (if not taken previously).
- Enroll in PHSC 190, Capstone after finishing PHSC 1, 2, 3, 100 and 150.
- Finish 100-hour internship (if not completed).
- Finish any other outstanding major or Core requirements.