

Pre-Health Professions Minor

The Pre-Health Professions Minor is for students interested in the pre-health professions, specifically in the areas of: Physical Therapy, Physician Assistant and Occupational Therapy.

Successful completion of the pre-requisite courses required and recommended for health professions programs is only the first step. Please be sure to meet with the pre-health professions minor advisor prehealthminor@coastal.edu and review and complete pre-requisites of the specific programs you intend to apply. Below are course recommendations for three health professions program areas.

Pre-Occupational Therapy Pre-Requisite Courses Recommendation

BIOL 121 & BIOL 121L; BIOL 232 & BIOL 232L; CHEM 111 & 111L; PSYC 101; PSYC 302 OR EDUC 336; PSYC 410; PUBH 222; STAT 201 & STAT 201L; SOC 101 and possibly PHYS 206 & PHYS 206L or PHYS 211 & PHYS 211L.

Pre-Physician Assistant Pre-Requisite Courses Recommendation

BIOL 121 & BIOL 121L; BIOL 122 & BIOL 122L; BIOL 232 & BIOL 232L; BIOL 242 & BIOL 242L; BIOL 330 & BIOL 330L; CHEM 111 & 111L; CHEM 112 & CHEM 112L; CHEM 331 & L; PSYC101; PSYC 410; PUBH 222; STAT 201 & STAT 201L.

Pre-Physical Therapy Pre-Requisite Courses Recommendation

BIOL 121 & BIOL 121L; BIOL 122 & BIOL 122L; BIOL 232 & BIOL 232L; BIOL 242 & BIOL 242L; BIOL 330 & BIOL 330L; CHEM 111 & 111L; CHEM 112 & CHEM 112L; MATH 160; PHYS 205 & PHYS 205L OR PHYS 211 & PHYS 211L; PHYS 206 & PHYS 206L OR PHYS 212 & PHYS 212L; PSYC 101; PSYC 410; PUBH 222; STAT 201 & STAT 201L; and possibly CHEM 351 & CHEM 351L and CHEM 352 & CHEM 352L.

As a reminder, health profession programs are highly competitive so it is recommended that students strive for an overall grade point average (GPA) of at least 3.5, achieve at least B grades in science courses, attain good program-specific standardized test scores, and complete field experience contact hours. Special focus on personal statements and letters of recommendation should be done as they are considerations for the selection process.

Although students can choose any major, those interested in medical, dental and veterinary professions, would find the curricula of the [Biology](#) (particularly the [Cellular, Molecular and Genetics Concentration](#)) or [Biochemistry](#) programs are aligned with course pre-requisites for those schools. Students interested in medical, dental, and veterinary schools should also contact the Pre-health Professions Committee at prehealth@coastal.edu.

Courses taken as requirements for the Public Health major (required courses, public health elective courses and the foundation) will not count towards the Pre-Health Professions minor.

Pre-Requisites Statement

Courses in the pre-health professions minor may require pre-requisite classes that must be completed prior to taking recommended courses. These pre-requisite courses may include, but are not limited to the following: [MATH 130](#), [MATH 131](#), and [MATH 135](#).

Other recommend courses for health professions fulfil the [Core Curriculum](#) so they have not been included in the minor. These courses include but are not limited to the following: [SOC 101](#), [PSYC 101](#), [EXSS 122](#) or [PUBH 121](#).

Program Requirements

Choose 6 groups (minimum 22 credits) from the following.:

- [BIOL 121 - Biological Science I \(3 credits\)](#) AND *
- [BIOL 121L - Biological Science I Laboratory \(1 credit\)](#) * OR
- [CHEM 111 - General Chemistry I \(3 credits\)](#) AND *
- [CHEM 111L - General Chemistry Laboratory I \(1 credit\)](#) *

- [BIOL 122 - Biological Science II \(3 credits\)](#) AND
- [BIOL 122L - Biological Science II Laboratory \(1 credit\)](#)

- [BIOL 232 - Human Anatomy and Physiology I \(3 credits\)](#) AND
- [BIOL 232L - Human Anatomy and Physiology I Laboratory \(1 credit\)](#)

- [BIOL 242 - Human Anatomy and Physiology II \(3 credits\)](#) AND
- [BIOL 242L - Human Anatomy and Physiology II Laboratory \(1 credit\)](#)

- [BIOL 330 - Microbiology \(3 credits\)](#) AND
- [BIOL 330L - Microbiology Laboratory \(1 credit\)](#)

- [BIOL 350 - Fundamentals of Genetics \(3 credits\)](#) AND
- [BIOL 350L - Fundamentals of Genetics Laboratory \(1 credit\)](#)

- [BIOL 410 - Developmental Biology \(3 credits\)](#) AND
- [BIOL 410L - Developmental Biology Laboratory \(1 credit\)](#)

- [CHEM 112 - General Chemistry II \(3 credits\)](#) AND
- [CHEM 112L - General Chemistry Laboratory II \(1 credit\)](#)
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- [CHEM 331 - General Organic Chemistry I \(3 credits\)](#) AND
- [CHEM 331L - General Organic Chemistry Laboratory I \(1 credit\)](#)

- [CHEM 332 - General Organic Chemistry II \(3 credits\)](#) AND
- [CHEM 332L - General Organic Chemistry Laboratory II \(1 credit\)](#)

- [CHEM 351 - Biochemistry I \(3 credits\) AND](#)
- [CHEM 351L - Biochemistry Laboratory I \(1 credit\)](#)
- [CHEM 352 - Biochemistry II \(3 credits\) AND](#)
- [CHEM 352L Q* - Biochemistry Laboratory II \(1 credit\)](#)
- [MATH 160 - Calculus I \(4 credits\) * OR](#)
- [MATH 160A - Calculus I A \(2 credits\) AND](#)
- [MATH 160B - Calculus I B \(2 credits\)](#)
- [PHIL 317 - Bio-Medical Ethics \(3 credits\)](#)
- [PHYS 205 - Introductory Physics for Life Sciences I \(3 credits\) AND](#)
- [PHYS 205L - Introductory Physics for Life Sciences I Laboratory \(1 credit\) OR](#)
- [PHYS 211 - Essentials of Physics I \(3 credits\) AND](#)
- [PHYS 211L - Essentials of Physics I Laboratory \(1 credit\)](#)
- [PHYS 206 - Introductory Physics for Life Sciences II \(3 credits\) AND](#)
- [PHYS 206L - Introductory Physics for Life Sciences II Laboratory \(1 credit\) OR](#)
- [PHYS 212 - Essentials of Physics II \(3 credits\) AND](#)
- [PHYS 212L - Essentials of Physics II Laboratory \(1 credit\)](#)
- [PSYC 302 - Developmental Psychology \(3 credits\) OR](#)
- [EDUC 336 - Introduction to Human Growth and Development \(3 credits\)](#)
- [PSYC 410 - Abnormal Psychology \(3 credits\)](#)
- [PUBH 222 - Medical Terminology \(3 credits\)](#)
- [PUBH 410 - Epidemiology \(3 credits\)](#)
- [STAT 201 - Elementary Statistics \(3 credits\) AND](#)
- [STAT 201L - Elementary Statistics Computer Laboratory \(1 credit\)](#)
- 300 – 400 level elective courses as approved by department

Total Credits Required: 22-24 Credits

Courses taken as requirements for the Public Health major (required courses, public health elective courses and the foundation) will not count towards the Pre-Health Professions minor.

*As both [BIOL 121](#) AND [BIOL 121L](#) as well as [CHEM 111](#) AND [CHEM 111L](#) groups can count in the core, if both groups are taken, one group will be counted in the core, while the other will be counted as a minor selection.