



NORTHEASTERN STATE UNIVERSITY

College of Science & Health Professions

Premedical Course Planning Guide

Chiropractic, Dental, Medical, Optometry, Pharmacy, Veterinary

Sequencing of Math/Science Prerequisites

Freshman Fall

BIOL 1131/1123
MATH 1613 or above
CHEM 1123, 1131

Sophomore Fall

PHYS 1115
BIOL 2224* or 2154*
MATH 3513*

Junior Fall

BIOL 4414* or 4514*
CHEM 3123, 3132*
ANSI 3543**

Senior Fall

CHEM 4214

Freshman Spring

CHEM 1223, 1231
MATH 2423*
BIOL 2224* or 2154*

Sophomore Spring

PHYS 1215*
BIOL 3124*
BIOL 3114*

Junior Spring

CHEM 3223, 3232
BIOL 3314*
Admission Exam ***
Apply to Program →

*May not be required for your profession. Check your pre-requisite sheet. **Offered at Oklahoma State University.

Note: Some courses may not be offered every fall and spring. Check course offerings.

This is an outline of math/science courses to assist pre-professional students with planning science sequences. Salient points to note:

- This plan ensures that the student completes pre-requisites by the spring of their Junior year so the student is adequately prepared to take their admission exam (DAT, MCAT, PCAT, OAT, GRE***)
- This plan includes two sciences per semester. Students who choose lighter loads in the freshman and sophomore semesters will have 3 or 4 sciences in the junior and senior semesters in order to complete prerequisite courses and apply to their professional program on time. The hours listed above for each semester are not full time status. You will fill in the remaining hours with courses required for your particular major. Note that most prehealth students take from 15 – 18 hours each semester.
- Courses are arranged to accommodate prerequisites. Be sure to read course descriptions in the University Catalog. Some of the courses listed may require additional prerequisites not listed above and/or not required for your major.
- Other courses are likely required for admission to your health program. It is your responsibility to check with the program you would like to attend to ensure that you meet all of the admission requirements. This plan may not include degree requirements for your major. Refer to Undergraduate Programs and Requirements for specific degree information.

CONSULTATION WITH PREHEALTH PROFESSIONAL ADVISOR IS ESSENTIAL

Pre-Health Professions Advising Office

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