



# ACADEMY OF SCIENCE & TECHNOLOGY: PRE-MEDICAL MINOR

## Overview

At the conclusion of their freshman year, students may apply for the pre-medical minor. Over the next three years students have the opportunity to earn distinction at graduation by passing the courses listed below and completing an independent project. The senior year pre-medical project consists of a research project related to the medical field as well as a presentation and Q&A session with a panel of experts in the field. This minor provides foundational coursework designed to help motivated students gain entry to, and be successful in, competitive undergraduate pre-medicine programs.

### Pre-Medical Minor courses at MOT Charter:

**AP Biology | AP Chemistry | AP Physics | AP Calculus AB**

### Pre-Medical opportunities at MOT Charter:

Pursuing this minor in addition to MOT's graduation requirements greatly enhances student's college application & increases desirability among college pre-medical programs.

**Additional Coursework Recommendations:** In addition to the minor courses, MOT Charter offers additional opportunities to help give motivated students a competitive advantage in their pre-medical undergraduate applications; these are not required for the minor:

- AP Calculus BC
- AP Literature & Composition
- AP Language & Composition
- Statistics
- Anatomy & Physiology\*
- Medical Terminology\*

\*(WVU Early College course, additional costs apply)

**Extracurricular Activities Suggestions** College pre-medical programs encourage students to be involved in activities, starting freshman year, outside of a rigorous academic program.

- Volunteer Work & Summer Programs
- Participation in Extracurricular Activities
- Leadership in Extracurricular Activities

