



What courses should I take in High School?

Four college prep math classes required for college after high school.

Math 1, 2, 3, AP Cal, Statistics, Advanced Functions and Modeling are examples.

Basic Courses for Freshman/Sophomore year in college if:

Associates in Arts (*College Transfer from community college*)

[MAT-143 Quantitative Literacy \(CAA\)](#)

[MAT-152 Statistical Methods I \(CAA\)](#)

[BIO-110 Principles of Biology \(CAA\)](#)

[Physical Science Course and Lab](#)

Associates in Science (*College Transfer from community college*)

[MAT 171](#) [MAT 172](#) [MAT 271](#) - choose one

[MAT 172](#) [MAT 271](#) [MAT 272](#) - choose one

[Math Science Transfer Elective](#) - choose one

[BIO-111 General Biology I \(CAA\)](#)

[BIO-112 General Biology II \(CAA\)](#)

[CHM 151](#), [PHY 151](#), or [PHY 251](#) - choose one

[Math/Science Transfer Elective](#) - choose one

[CHM 152](#), [PHY 152](#), or [PHY 252](#)

General Notes:

"Pre-med" is the term people use to show a student wants to go to med school and are taking the classes they need to get there. Most Pre=med majors are in Biology, Chemistry and/or Physics and the major courses will be upper level Biology, Chemistry, and Physics. In addition, a course from math, computer science and/or statistics. Your coursework from high school should be rigorous to prepare you for any premed, math and/or science degree.

Nursing students begin with Beginner Calculus in the nursing program.

Vet Science requires Precal, Stats, BioStats, Elements of Calculus, Calculus for Life and Calculus 1.

To explore your specific major:

<https://bigfuture.collegeboard.org/majors-careers>

Enter your major in the "Want to Explore College Majors"