



Mathematics Course Offerings



A student at Loyola High School will normally follow one of many paths or tracks in mathematics. However, a student is not locked into any one particular track. He can move from one track to another, depending upon his demonstrated ability and maturity in mathematics. This change from one path or track to another occurs more frequently in the lower level classes, but does occur somewhat in the upper level classes as well. The chart below is an attempt to summarize the most common paths or tracks in mathematics at Loyola High School.

Freshman

Sophomore

Junior

Senior

COLLEGE PREPARATORY TRACK

Algebra I or

Geometry

Algebra II

Trigonometry/

Accelerated Alg I

Math Analysis

HONORS TRACK

Algebra I or

Honors Geometry

Honors Algebra II

Honors Precalculus

Accelerated Alg I

ADVANCED PLACED, HONORS TRACK

Honors Geometry

Honors Algebra II

Honors Precalculus

AP Calculus AB/BC

ADVANCED PLACED, COLLEGE PREPARATORY TRACK

Geometry

Algebra II

Trigonometry/

Intro to Calculus

Math Analysis

ADDITIONAL ELECTIVE: AP Statistics and AP Computer Science are options to qualified students as additional courses in mathematics, or as electives in the senior year for those who have taken Geometry in the 8th Grade.

SUMMER SCHOOL: A number of students request the option of taking a summer school course to advance their mathematics placement at Loyola High School. It is difficult for a student to fully comprehend all the fundamental concepts of a year-long math class taken in an abbreviated summer session. Therefore, as a policy, we do not generally recommend summer school to advance in mathematics. An exception is made infrequently for a student to take a full-credit Geometry course in an approved summer session with the prior approval of the Mathematics Department and the Assistant Principal for Academic Affairs.