

MARY INSTITUTE AND SAINT LOUIS COUNTRY DAY SCHOOL

## 9-12 **Mathmatics** Curriculum

## SIX SEMESTERS REQUIRED. ALL COURSES ARE FULL-YEAR UNLESS NOTED.

Students may be able to move to a more accelrated path by completing a petition process which includes

independent work and a demonstration of mastery. 9th **10**th 11th **12**th **Precalculus** Integrated Integrated S1: Statistics 1 Algebra 1 Math 1 Math 2 S2: College Algebra 2 **AP Statistics** S1: Statistics 1 **\$2: College Algebra 2 AP Statistics Integrated** Integrated **Precalculus** Math 1 Math 2 Calculus with **Applications AP Calculus AB AP Statistics** Integrated Math 1 **Integrated Math 2 AP Calculus AB** Accelerated **Accelerated AP Calculus BC** 

## **ELECTIVES**

Check curriculum guide for prerequisites

- Create with Code: 3D Video Game Design (S1, S2)
- Mobile Application Development (S1, S2)
- AP Computer Science A

- Advanced Topics in Computer Programing (S1)
- Computer Science Research & Development (S1)
- Vector Calculus