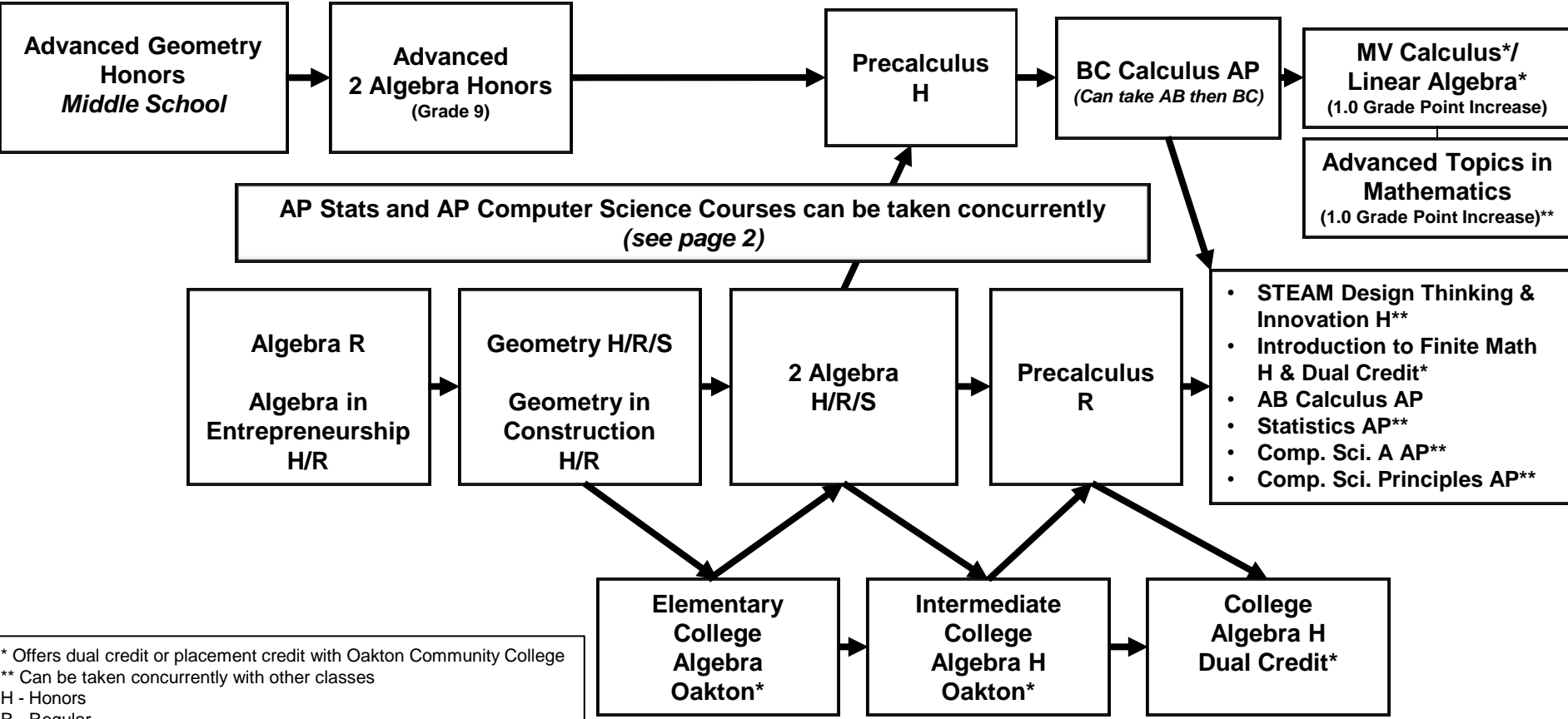


Mathematics Course Sequences



* Offers dual credit or placement credit with Oakton Community College
 ** Can be taken concurrently with other classes
 H - Honors
 R - Regular
 S - Support

AP Computer Science courses can be taken concurrently with 2 Algebra or Higher

**AP Computer Science Principles
(Full Year)**

AP Computer Science Principles curriculum is built around fundamentals of computing including problem solving, working with data, understanding the internet, cyber security, and programming. Teachers choose the programming language(s). This course encourages a broader participation in the study of computer science and other STEM fields, including AP Computer Science. AP assessment experience: Two performance tasks students complete science during the course to demonstrate the skills they have developed (administered by the teacher; students submit digital artifacts) and multiple-choice questions (written exam).

**Programming
with Java
(1st Semester)**



**AP Computer
Science
(2nd Semester)**

AP Computer Science curriculum is focused on object-oriented programming and problem solving Java is the designated programming language. This course encourages skill development among students considering a career in computer science or other STEM fields. AP assessment experience: multiple-choice & free response questions (written exam).

AP Statistics can be taken after completion of 2 Algebra