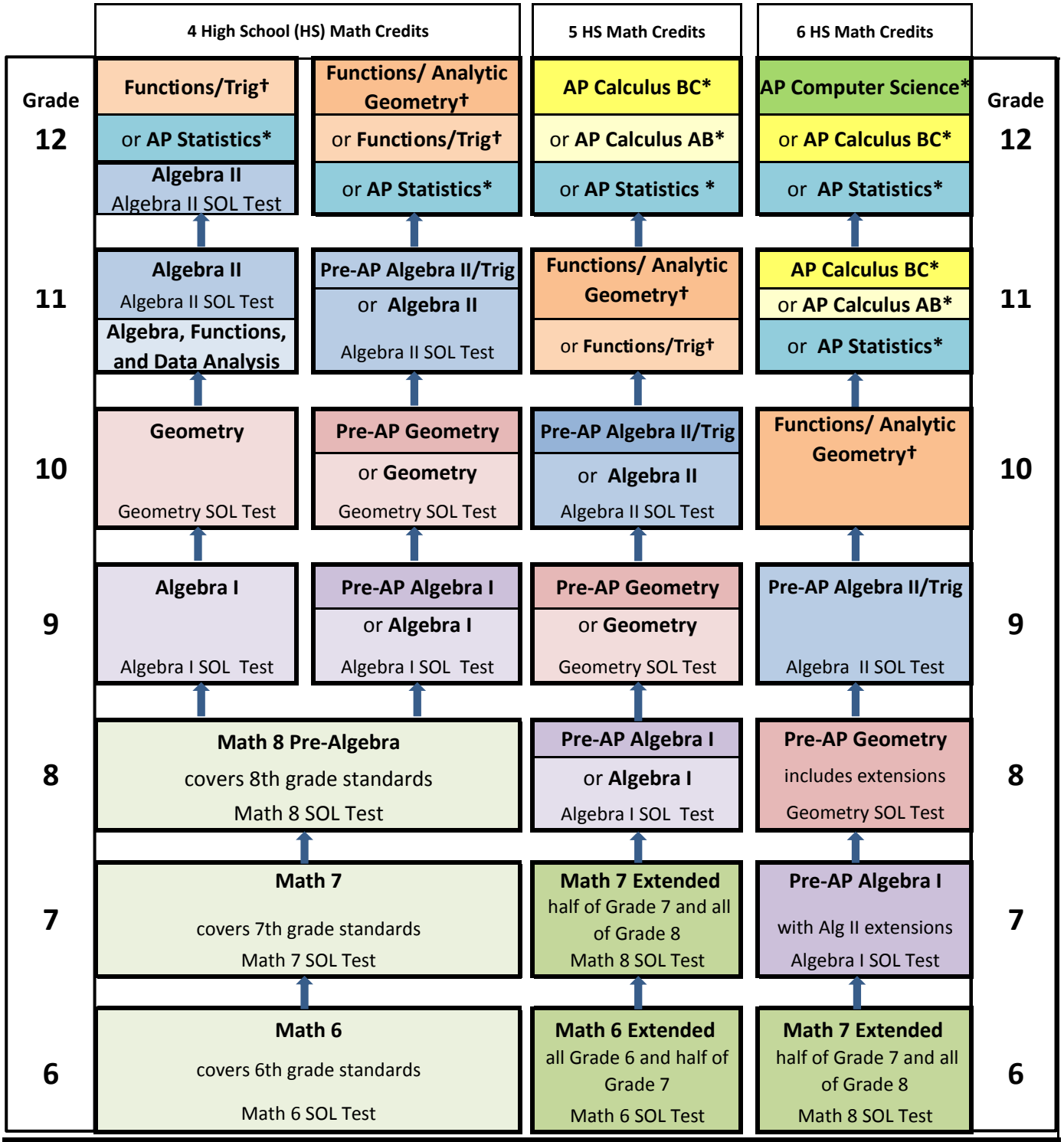
PWCS Secondary Mathematics Course Sequence Examples**
Leading to an ADVANCED Studies Diploma
Advanced Placement (AP)



2015-16 Grade 6 enrollment: 58% in Math 6, 39% in Math 6 Extended, and 3% in Math 7 Extended

**Many other sequences are possible with additional math electives, such as Trigonometry; Discrete Math; and Probability/Statistics (all semester courses); Computer Mathematics; and AP Computer Science.

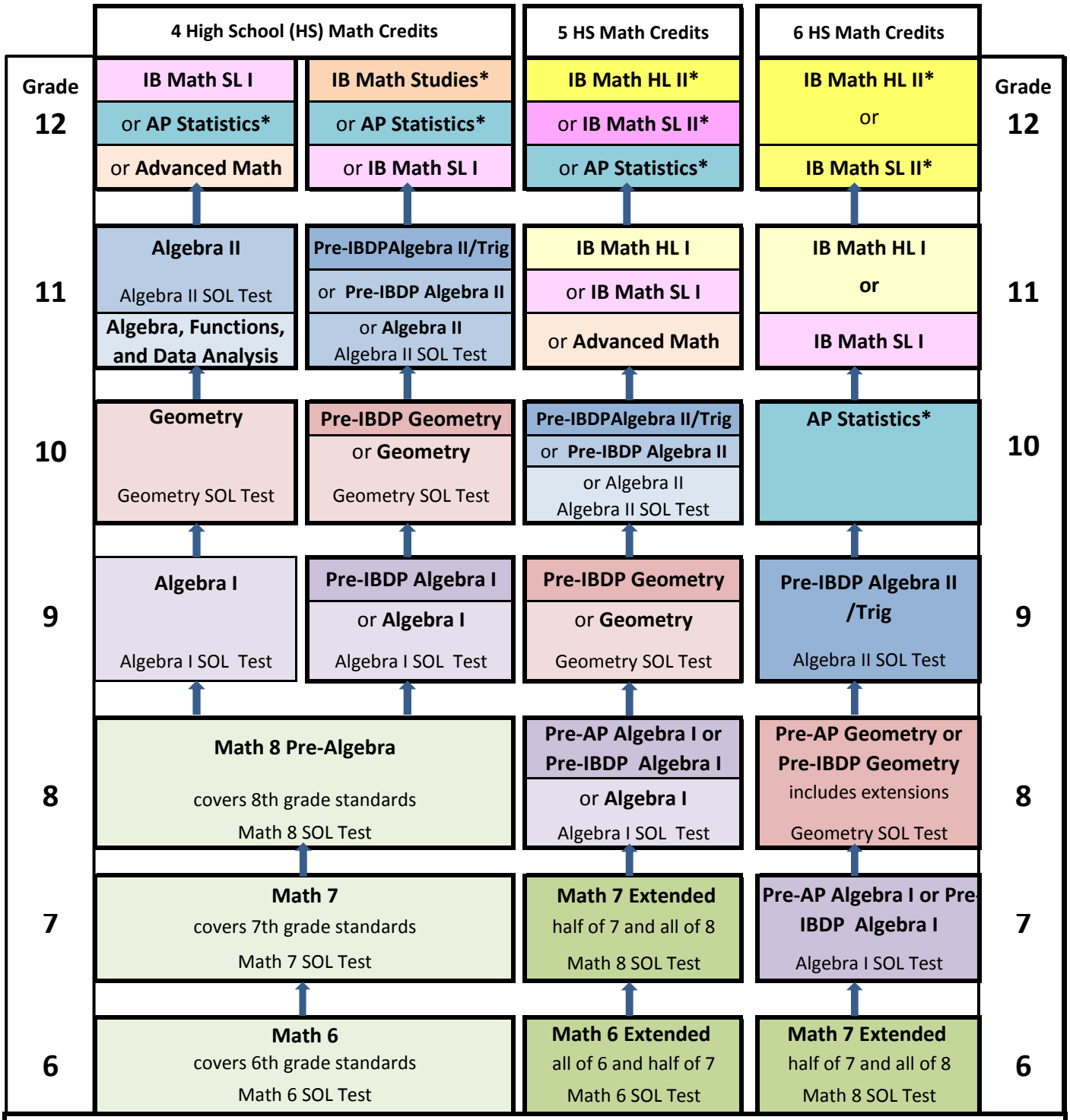
Students in Cambridge or International Baccalaureate Specialty Programs take comparable courses.

* These courses offer possible college credits w/a qualifying score on external exams and college acceptance.

† These courses are Pre-Calculus Courses.

Note: Multiple courses at a grade level are listed from lower level to higher level course w/higher level on top.

PWCS Secondary Mathematics Course Sequence Examples**
Leading to an ADVANCED Studies Diploma
International Baccalaureate Programme



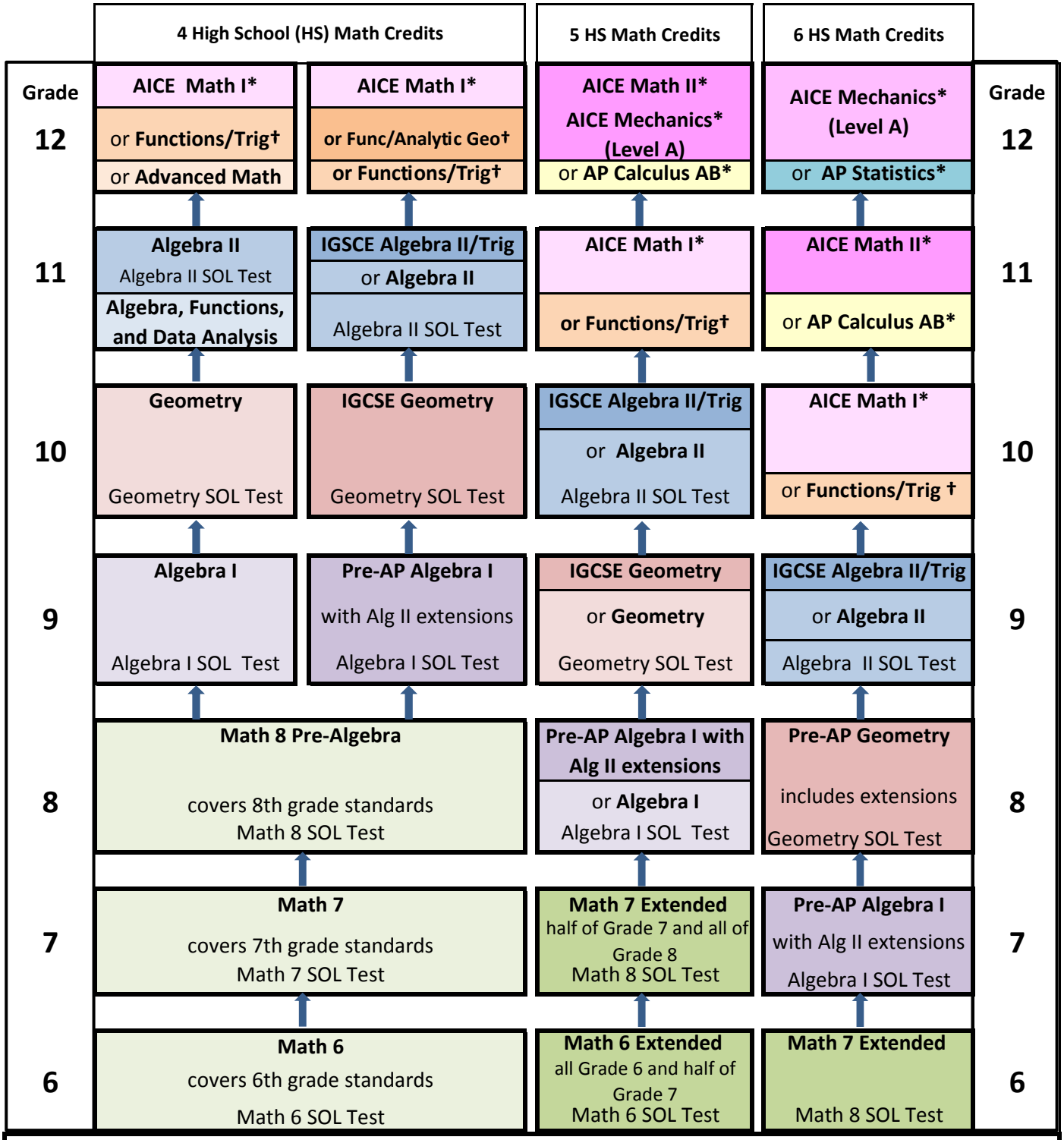
2015-16 Grade 6 enrollment: 58% in Math 6, 39% in Math 6 Extended, and 3% in Math 7 Extended

* These courses offer possible college credits w/a qualifying score on external exams and college acceptance.

**Many other sequences are possible with additional math electives, such as Trigonometry; Discrete Math ; and Probability/Statistics (all semester courses); Computer Math; and AP Computer Science. Students in Cambridge or Specialty Programs with Advanced Placement courses take comparable courses.

Note: Multiple courses at a grade level are listed from lower level to higher level course w/higher level on top.

PWCS Secondary Mathematics Course Sequence Examples**
Leading to an ADVANCED Studies Diploma
Cambridge Programme



2015-16 Grade 6 enrollment: 58% in Math 6, 39% in Math 6 Extended, and 3% in Math 7 Extended

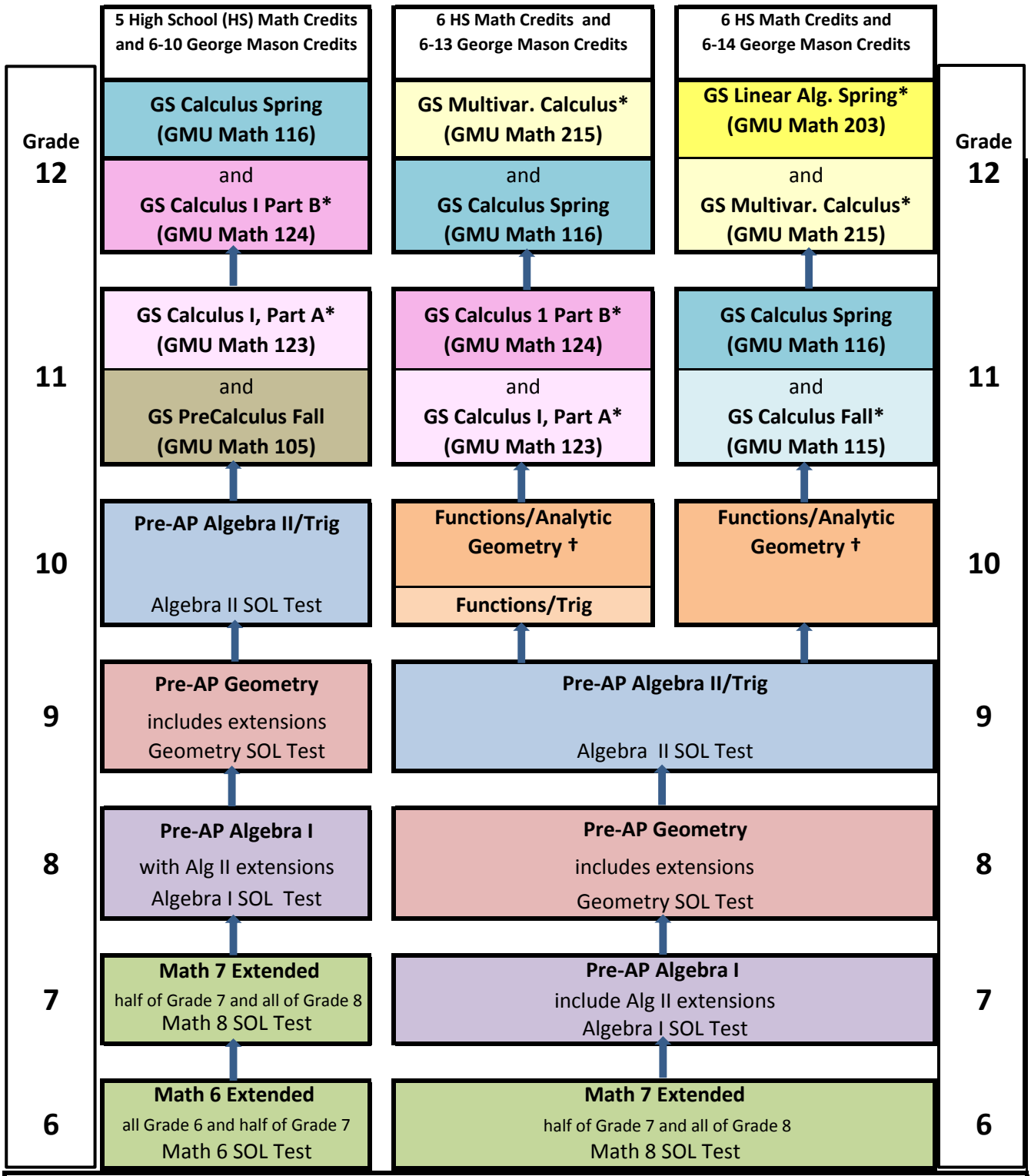
*These courses offer possible college credits w/a qualifying score on external exams and college acceptance.

**Many other sequences are possible with additional math electives, such as Trigonometry; Discrete Math; and Probability/Statistics (all semester courses); Computer Math; and AP Computer Science. Students in Advanced Placement or International Baccalaureate Programs take comparable courses.

† These courses are Pre-Calculus courses.

Note: Multiple courses at a grade level are listed from lower level to higher level course w/higher level on top.

PWCS Secondary Mathematics Course Sequence Examples
Leading to an ADVANCED Studies Diploma
The Governor's School @Innovation Park (Grades 11 and 12)



2015-16 Grade 6 enrollment: 58% in Math 6, 39% in Math 6 Extended, and 3% in Math 7 Extended

The Governor's School (GS) Math Placement test will determine junior year math placement.

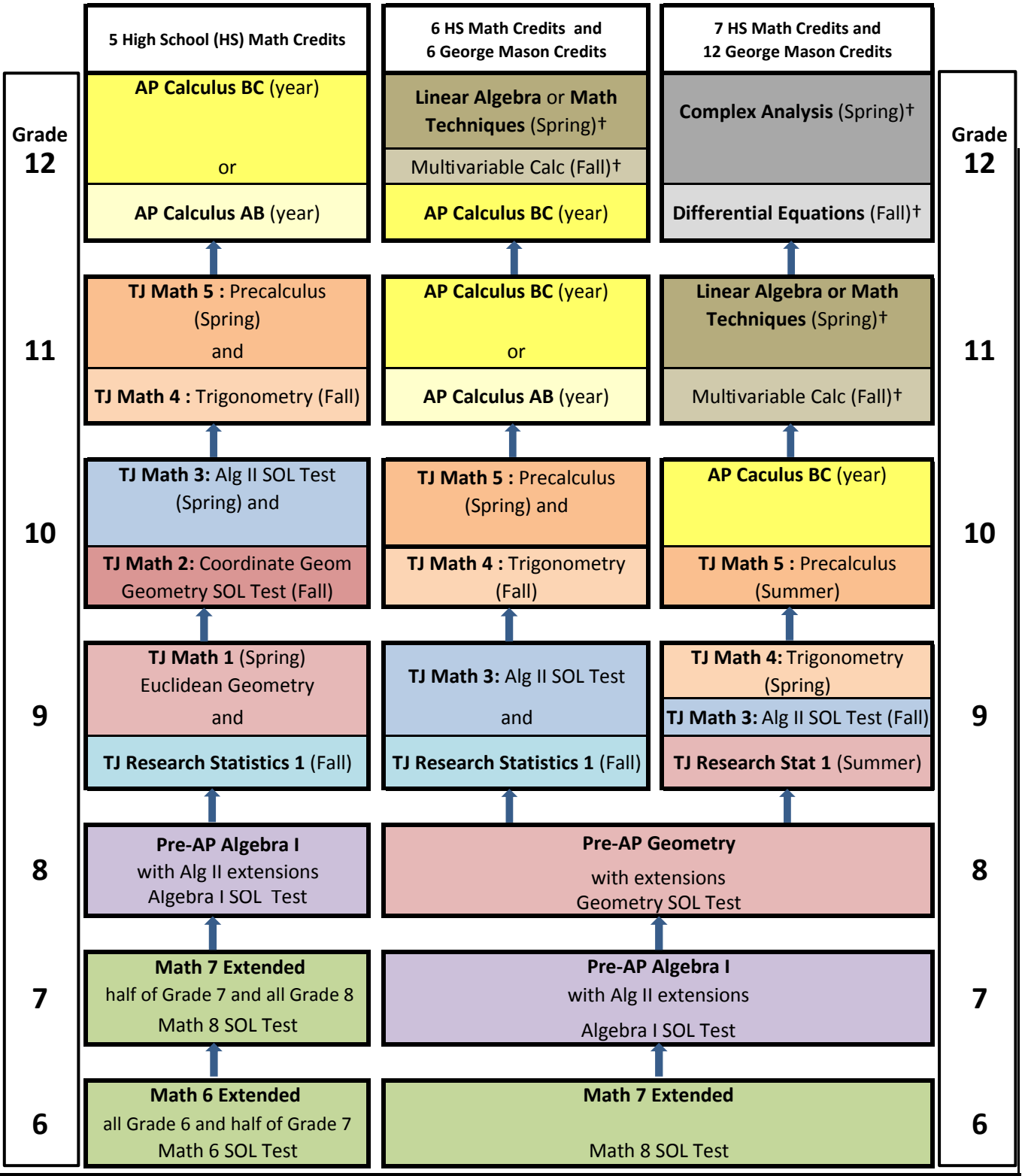
* Courses are also offered as dual enrollment. The school system will pay GMU tuition for one course during the junior year and two courses in the senior year. Two of the three courses paid for must be math.

† These courses are Pre-Calculus courses with Functions /Analytic Geometry being the most advanced.

The Pre-Governor School provides the option to concurrently enroll in Pre-AP Geometry and Algebra II.

Note: GS courses for a given grade identify the courses to be taken in Semester 1 (lower) and Semester 2. (upper)

PWCS Secondary Mathematics Course Sequence Examples
Leading to an ADVANCED Studies Diploma
Thomas Jefferson High School for Science and Technology (Grades 9-12)



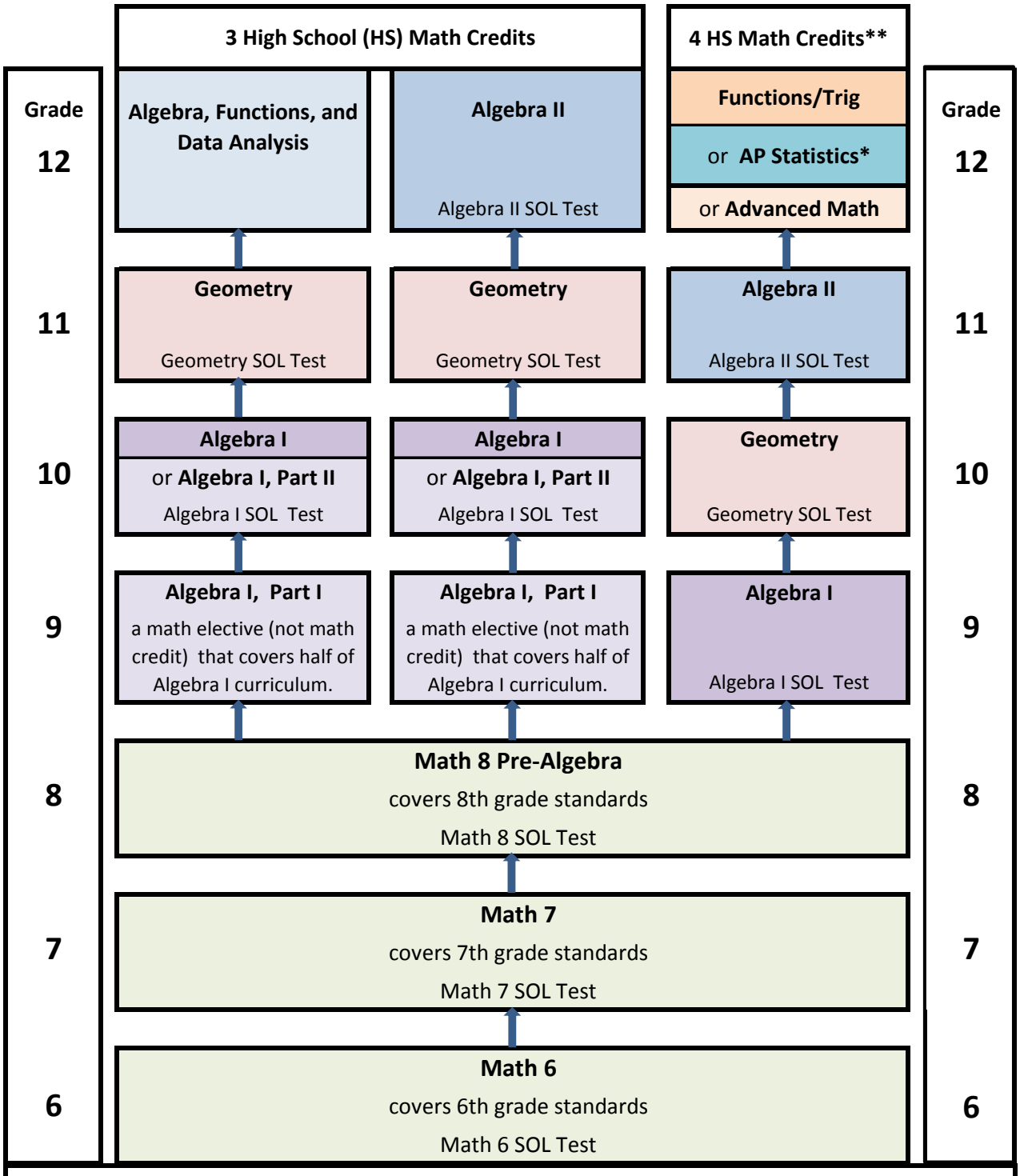
2015-16 Grade 6 enrollment: 58% in Math 6, 39% in Math 6 Extended, and 3% in Math 7 Extended

A diagnostic test will be administered to all students in the latter part of the TJ Stats 1 course, to help confirm the most appropriate course in which students will begin the sequence (TJ Math 1, TJ Math 2, TJ Math 3, etc)

† Course is also offered as dual enrollment. Other non-dual enrollment electives are available after completing Calculus.

Please visit https://www.tjhsst.edu/research-academics/math-cs/math/math-faq.html for further information.

PWCS Secondary Mathematics Course Sequence Examples
Leading to a STANDARD Diploma



2015-16 Grade 6 enrollment: 58% in Math 6, 39% in Math 6 Extended, and 3% in Math 7 Extended

*The Standard Diploma requires three math credits as specified in the Graduation Requirements. Students earning a Standard Diploma are encouraged to take mathematics all four years of high school.
Many other sequences are possible with additional math electives, such as Trigonometry; Discrete Math; and Probability/Statistics (all semester courses); Advanced Computer Math; and AP Computer Science.

** These courses offer possible college credits w/a qualifying score on external exams and college acceptance.
Note: Multiple courses at a grade level are listed from lower level to higher level course with the higher level on top. Students are better prepared for taking the SAT or taking a Math Placement exam after high school if they have completed or are enrolled in Algebra II.