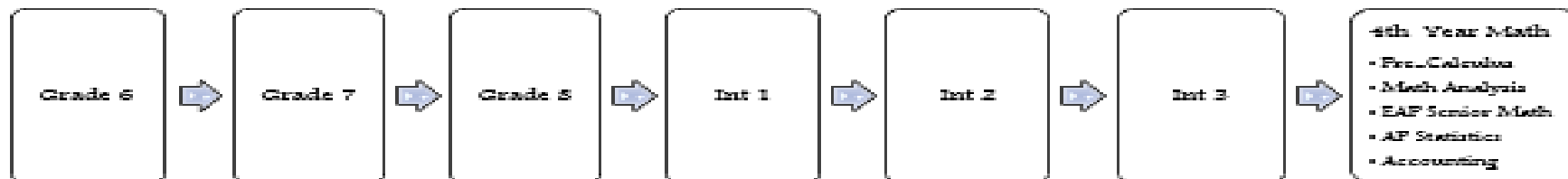# Whitney High School Mathematics
Preparatory for four-year College or University
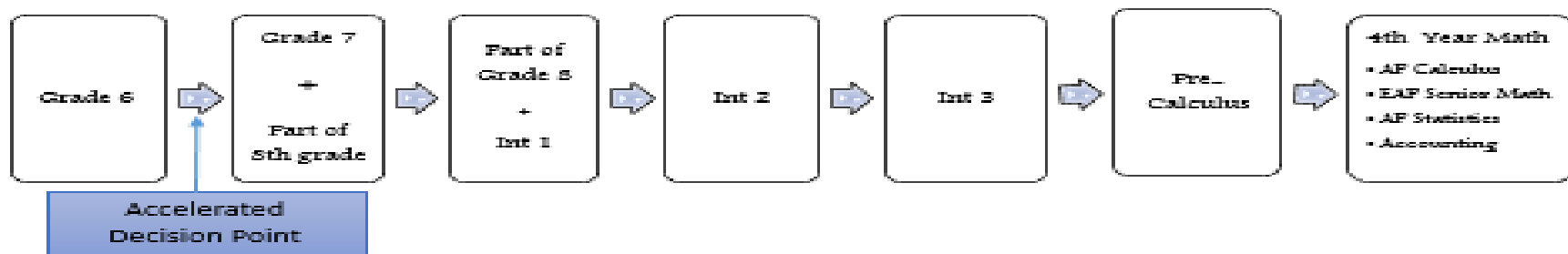## UC Approved courses

The 6th – 12th grade Pathways
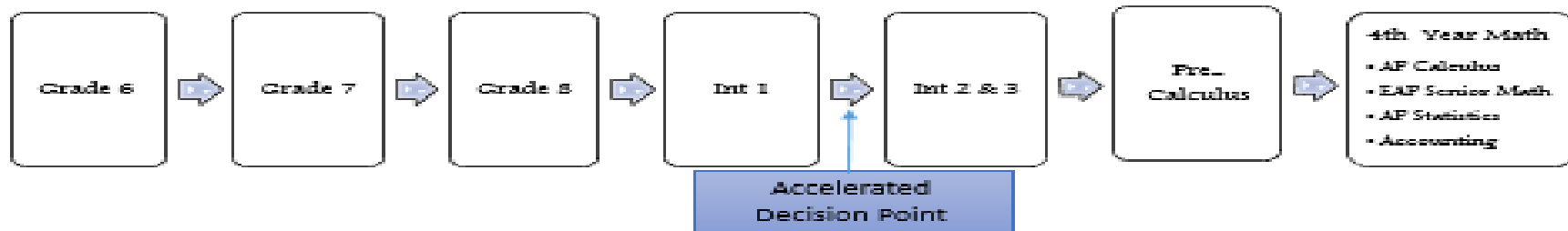
Regular Pathway

Grade 6 → Grade 7 → Grade 8 → Int 1 → Int 2 → Int 3 → 4th Year Math
- Pre-Calculus
- Math Analysis
- EAP Senior Math
- AP Statistics
- Accounting

Middle School Accelerated Pathway

Grade 6 → Grade 7 + Part of 8th grade → Part of Grade 8 + Int 1 → Int 2 → Int 3 → Pre-Calculus → 4th Year Math
- AP Calculus
- EAP Senior Math
- AP Statistics
- Accounting

Accelerated Decision Point

High School Accelerated Pathway

Grade 6 → Grade 7 → Grade 8 → Int 1 → Int 2 & 3 → Pre-Calculus → 4th Year Math
- AP Calculus
- EAP Senior Math
- AP Statistics
- Accounting
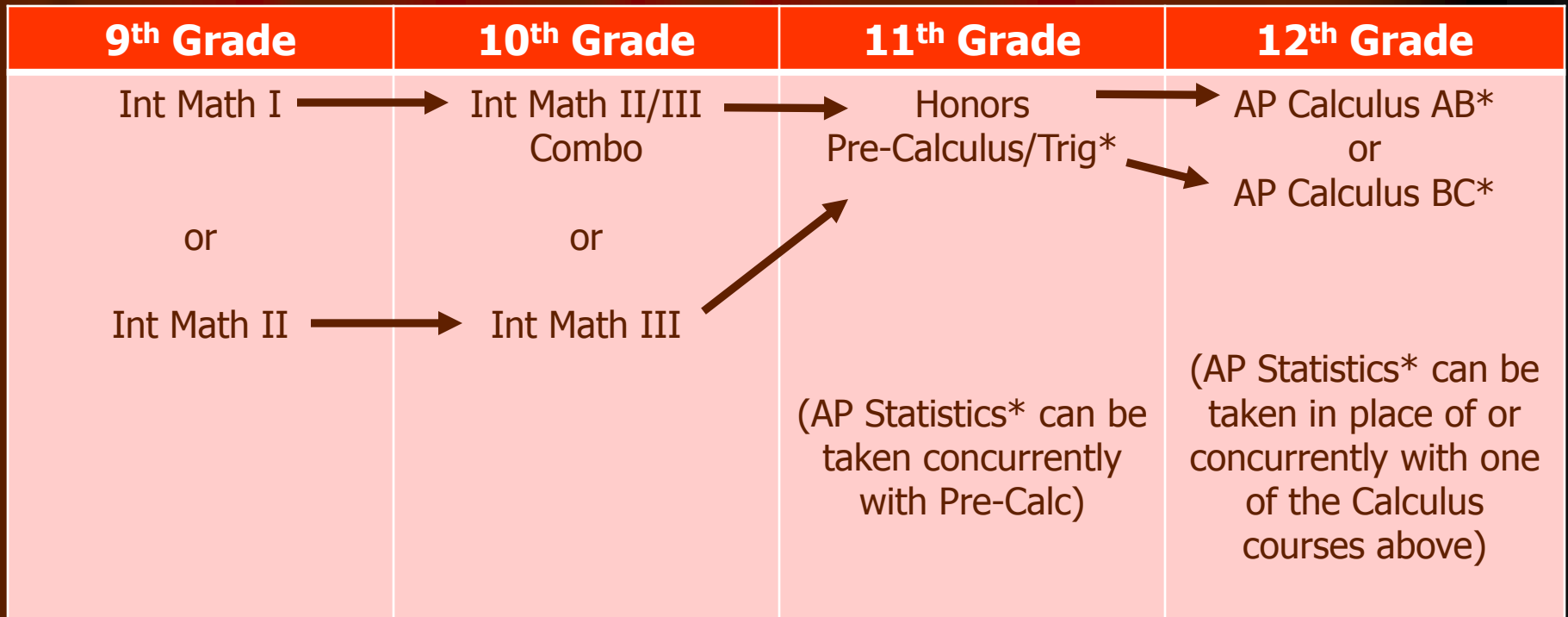
Accelerated Decision Point

Honors Courses for 11th/12th grade
(all count toward the 12 class requirement for Distinguished Scholars and include an extra GPA point)

- Honors Pre-Calculus/Trigonometry
- AP Calculus (AB or BC)
- AP Statistics

Distinguished Scholar Diploma Pathway – Mathematics

Distinguished scholars will complete a minimum of 4 college prep math courses, with at least one being, honors or AP level (*). Distinguished scholars usually have the goal of completing some calculus in high school. The following chart shows math course options available for Distinguished Scholars:

9th Grade	10th Grade	11th Grade	12th Grade
Int Math I ➝	Int Math II/III Combo ➝	Honors Pre-Calculus/Trig*	AP Calculus AB* or AP Calculus BC*
or	or		
Int Math II ➝	Int Math III		
		(AP Statistics* can be taken concurrently with Pre-Calc)	(AP Statistics* can be taken in place of or concurrently with one of the Calculus courses above)

Integrated Math II/III Combo Class

- Course is offered for sophomores that want to advance their mathematical studies in order to enroll in Calculus before graduation

- Prerequisites: A in both semesters of Int I and/or teacher recommendation. Students should discuss this option with their Int I teacher.

- Class will meet everyday

- Int II will be covered during the first semester and Int III during the second semester.

- Students will receive 20 credits of math toward graduation.

Honors Pre-Calculus/Trigonometry

- A or B in Int III is recommended
- First semester covers trigonometry and math analysis
- Second semester reviews algebra concepts from integrated math (or Algebra 2) in more depth and introduces limits.
- Purpose is to prepare for future study in Calculus.

AP Calculus AB

- C in Honors Pre-Calculus/Trigonometry
- AP Calculus AB is designed to cover one semester of a college Calculus course.
- Students that pass the AP Exam in May are eligible to receive college credit for **<u>one</u>** semester of calculus, as per individual college/university policy.

AP Calculus BC

- B in Honors Pre-Calculus/Trigonometry
- AP Calculus BC is a class for designed to cover a full year of a college Calculus course.
- Students that pass the AP Exam in May are eligible to receive college credit for up to **two** semesters of calculus, as per individual college/university policy.

AP Statistics

- It is equivalent to a semester long college introductory statistics course.

- C or better is required in Int III

- This course can be taken as an elective at any time after the completion of Int III.

- Students that pass the AP Exam in May are eligible to receive college credit for one semester of statistics, as per individual college/university policy.

Questions???