Cushing Academy I Mathematics Department FlowChart

Algebra 1 → Geometry → Algebra 2 → Precalculus → Calculus → Multivariable Calculus → Linear Algebra → Ind. Study in Adv. Math

Hon. Geometry → Hon. Algebra II → Hon. Precalculus

Discrete Math → Prob and Stats → AP Statistics

Topics in Geometry → Algebra II Mod A → Algebra II Mod B → Intro to Precalculus

AP Calculus AB

AP Calculus BC

AP Computer Science A
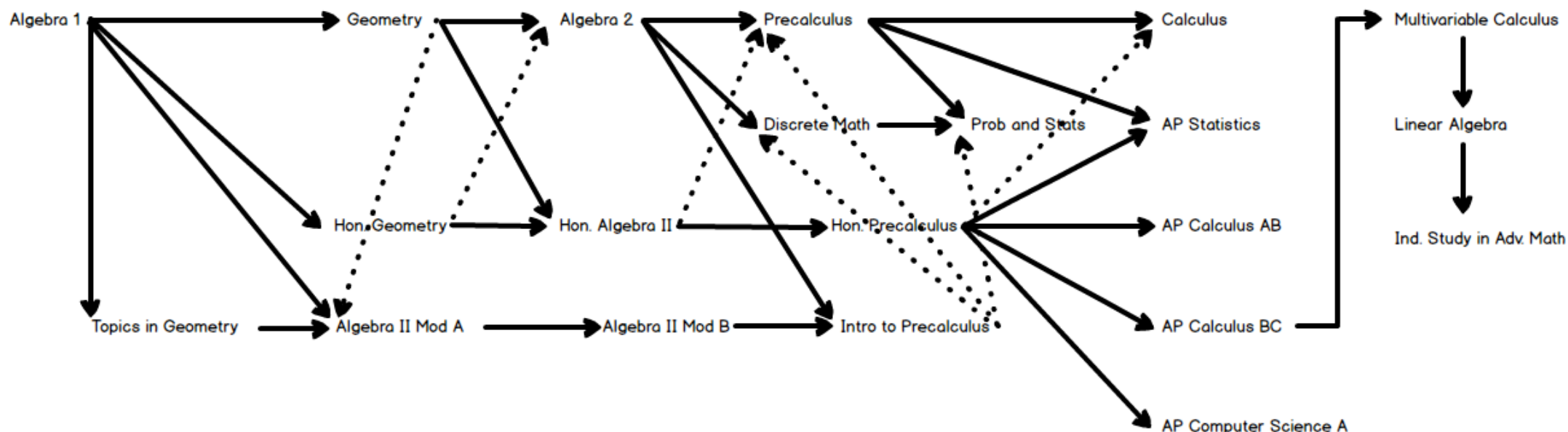
COURSE REQUIREMENTS

Algebra I: Full Year.
Topics in Geometry: Algebra I, departmental permission; Full Year.
Geometry: Algebra I, Full Year.
Honors Geometry: Algebra I (A), departmental permission; Full Year.
Algebra II: Geometry, departmental permission; Full Year.
Algebra II Mod A: Topics in Geometry, Geometry, departmental permission; Full Year.
Algebra II Mod B: Algebra II Mod A; Full Year.
Honors Algebra II: Honors Geometry (B+), Regular Geometry (A), departmental permission; Full Year.
Discrete Mathematics: Algebra II; open to juniors, seniors, or post-graduates; Full Year.
Intro to Precalculus: Algebra II Mod, Algebra II; Full Year.
Precalculus: Algebra II; open to sophomores, juniors, seniors, or post-graduates; departmental permission; Full Year.

Honors Precalculus: Honors Algebgra II (B+); Full Year.
Probability and Statistics: Precalculus, Discrete Math, departmental permission; Full Year.
Calculus: Precalculus (B-), departmental permission; Full Year.
AP Statistics: Honors Precalculus (B), Precalculus (A), opens to juniors and seniors, departmental permission; Full Year.
AP Calculus AB: Honors Precalculus (B+), departmental permission; Full Year.
AP Calculus BC: Honors Precalculus (A), departmental permission; Full Year.
Multivariable Calculus: Score of 4 or 5 on the BC Exam, AP Calculus BC (B+), departmental permission; Full Year.
Linear Algebra: Multivariable Calculus (B), departmental permission; Full Year.
Independent Study in Adv. Math: Linear Algebra (B), departmental permission; Full Year.
AP Computer Science A: Honors Precalculus (B+), departmental permission; Full Year