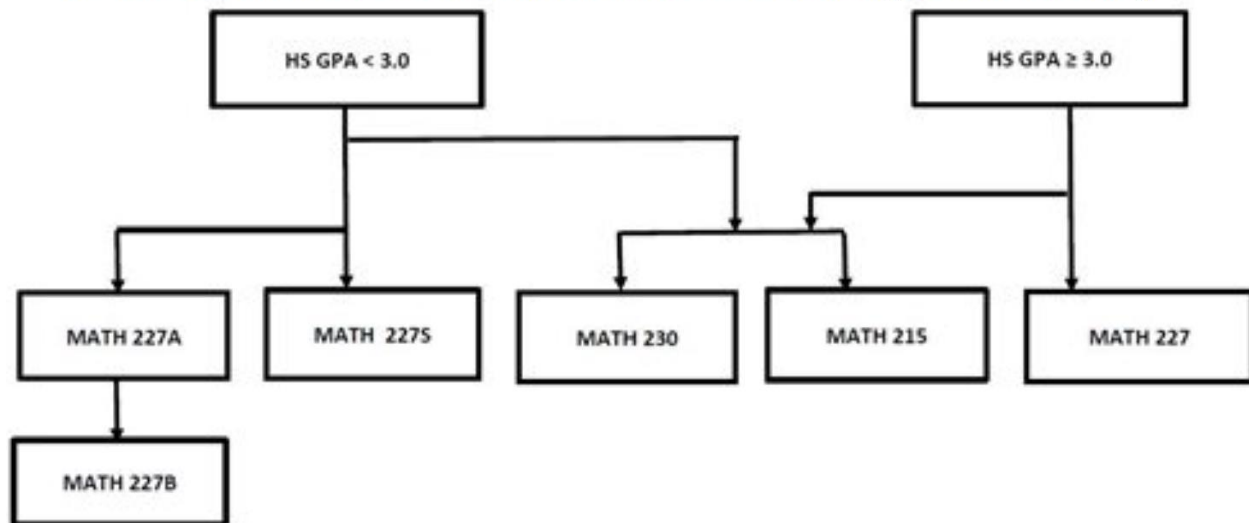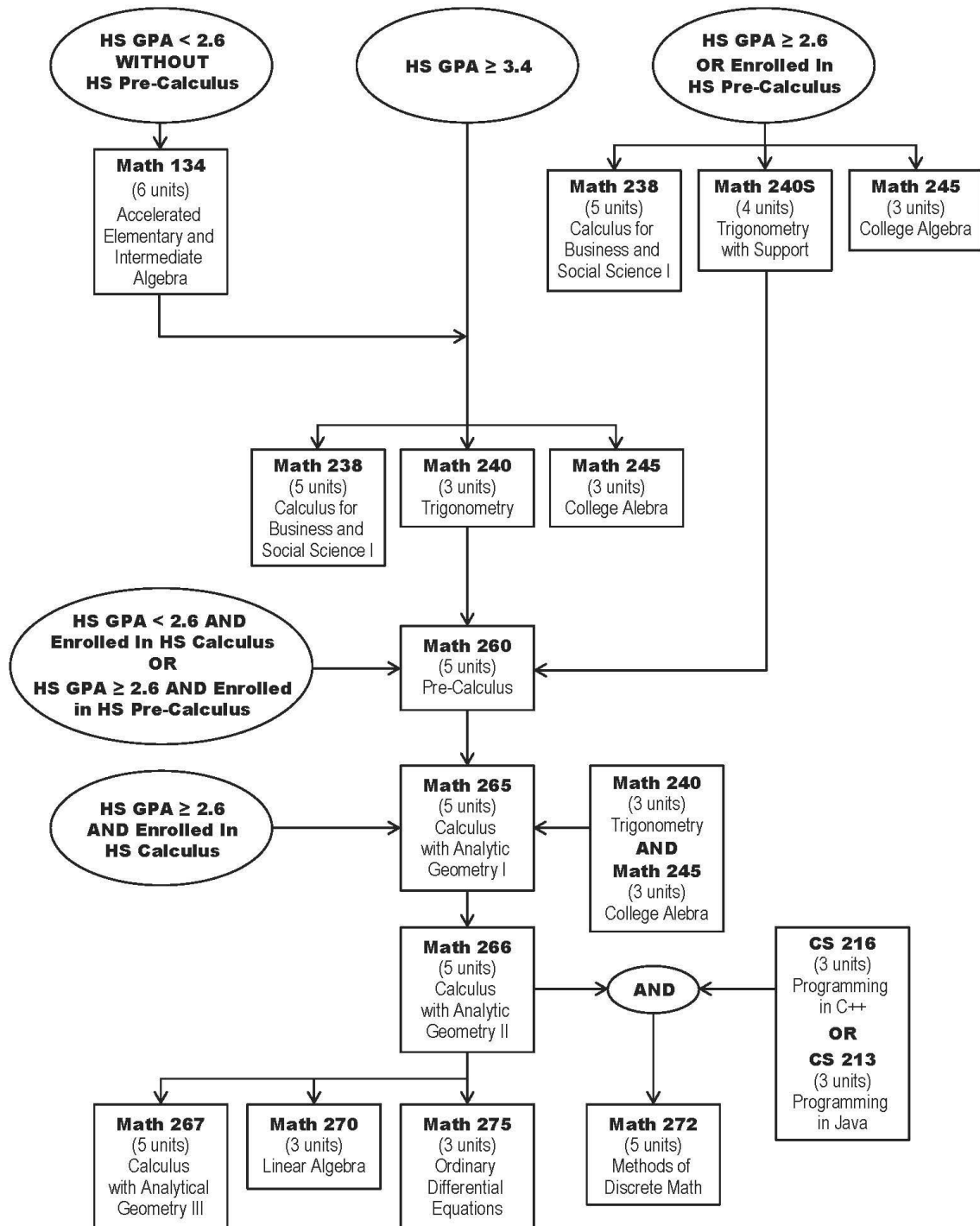# AB 705 Statistics/Liberal Arts Mathematics/Elementary Teacher (SLAM)

Course List

Math 215 Principle of Mathematics I (3 Units/4 hours)
Math 227A Statistics I (2 Units/3 hours)
Math 227B Statistics II (2 Units/3 hours)
Math 227 Statistics (4 Units/5 hours)
Math 227S Statistics with Support (4 Units/6 hours)
Math 230 Mathematics for Liberal Arts Students (3 Units/4 hours)

AB 705 Business, Science, Technology, Engineering, and Mathematics (BSTEM)

HS GPA < 2.6 WITHOUT HS Pre-Calculus

HS GPA ≥ 3.4

HS GPA ≥ 2.6 OR Enrolled In HS Pre-Calculus

Math 134
(6 units)
Accelerated Elementary and Intermediate Algebra

Math 238
(5 units)
Calculus for Business and Social Science I

Math 240S
(4 units)
Trigonometry with Support

Math 245
(3 units)
College Algebra

Math 238
(5 units)
Calculus for Business and Social Science I

Math 240
(3 units)
Trigonometry

Math 245
(3 units)
College Alebra

HS GPA < 2.6 AND Enrolled In HS Calculus
OR
HS GPA ≥ 2.6 AND Enrolled in HS Pre-Calculus

Math 260
(5 units)
Pre-Calculus

HS GPA ≥ 2.6 AND Enrolled In HS Calculus

Math 265
(5 units)
Calculus with Analytic Geometry I

Math 240
(3 units)
Trigonometry
AND
Math 245
(3 units)
College Alebra

Math 266
(5 units)
Calculus with Analytic Geometry II

AND

CS 216
(3 units)
Programming in C++
OR
CS 213
(3 units)
Programming in Java

Math 267
(5 units)
Calculus with Analytical Geometry III

Math 270
(3 units)
Linear Algebra

Math 275
(3 units)
Ordinary Differential Equations

Math 272
(5 units)
Methods of Discrete Math

Course List

Math 134 Accelerated Elementary and Intermediate Algebra (6 Units/6 hours)
Math 238 Calculus for Business and Social Science I (5 units/6 hours)
Math 238C Calculus for Business and Social Science I with Corequisite (5 units/5 hours)
Math 238 L Just in Time Support for Calculus for Business and Social Science I (1 Unit/2 hours)
Math 240 Trigonometry (3 Units/3 hours)
Math 240S Trigonometry with Support (4 Units/5 hours)
Math 245 College Algebra (3 Units/3 hours)
Math 245C College Algebra with Corequisite (3 Units/3 hours)
Math 245L Just in Time Support for College Algebra (1 Unit/2 hours)
Math 260 Pre-Calculus (5 Units/5 hours)
Math 265 Calculus with Analytical Geometry I (5 Units/5 hours)
Math 266 Calculus with Analytical Geometry II (5 Units/5 hours)
Math 267 Calculus with Analytical Geometry III (5 Units/5 hours)
Math 270 Linear Algebra (3 Units/3 hours)
Math 275 Calculus with Differential Equations (3 Units/3 hours)
Math 272 Methods of Discrete Math (5 Units/5 hours)

*Co Sci 440 Programming in C++ (3 Units/3 hours)
*Co Sci 452 Programming in Java (3 Units/3 hours)