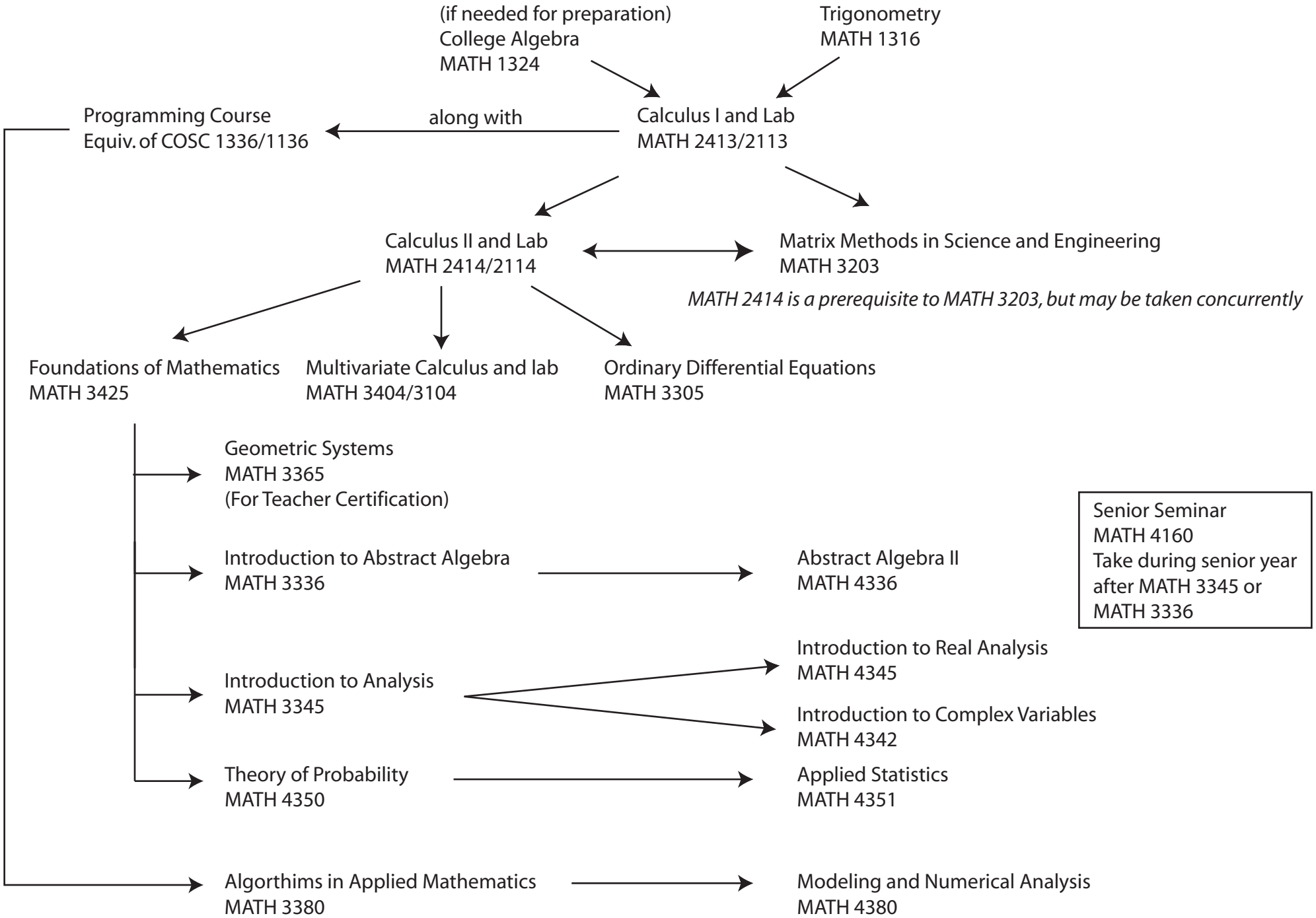
(if needed for preparation)
College Algebra
MATH 1324
Trigonometry
MATH 1316
Programming Course
Equiv. of COSC 1336/1136
along with
Calculus I and Lab
MATH 2413/2113
Calculus II and Lab
MATH 2414/2114
Matrix Methods in Science and Engineering
MATH 3203
MATH 2414 is a prerequisite to MATH 3203, but may be taken concurrently
Foundations of Mathematics
MATH 3425
Multivariate Calculus and lab
MATH 3404/3104
Ordinary Differential Equations
MATH 3305
Geometric Systems
MATH 3365
(For Teacher Certification)
Introduction to Abstract Algebra
MATH 3336
Abstract Algebra II
MATH 4336
Senior Seminar
MATH 4160
Take during senior year
after MATH 3345 or
MATH 3336
Introduction to Analysis
MATH 3345
Introduction to Real Analysis
MATH 4345
Introduction to Complex Variables
MATH 4342
Theory of Probability
MATH 4350
Applied Statistics
MATH 4351
Algorthims in Applied Mathematics
MATH 3380
Modeling and Numerical Analysis
MATH 4380