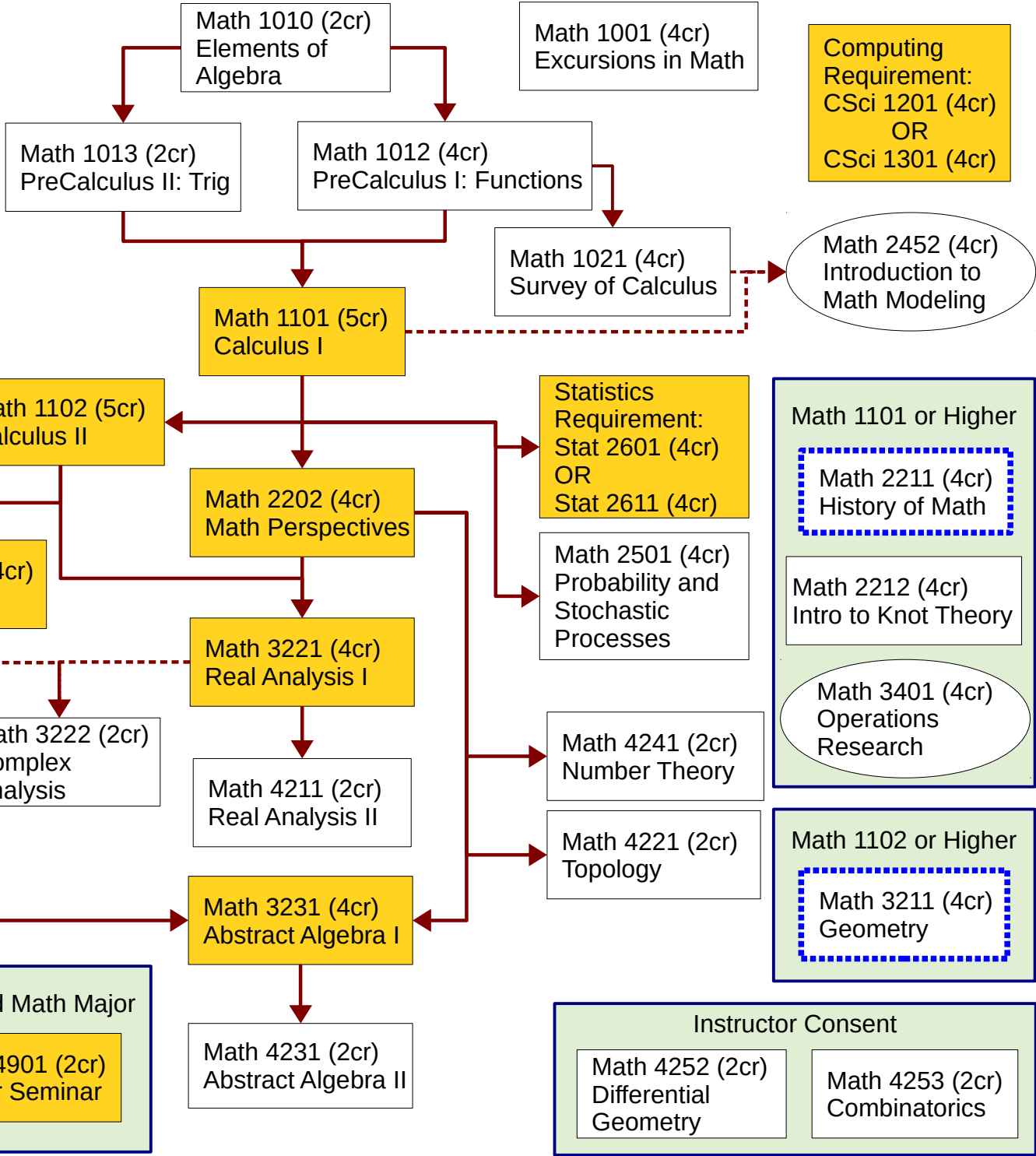


*For Math Major*

- All **Gold** courses
- One **Ellipse** course (x4xx applied math)
- 4cr of electives (2xxx or higher)
- Math Application Course (see catalog)

The three courses with **Dotted Blue Border** are required for secondary education licensure.

The Math Placement Test will help you determine the best course to start in.



Math 3411 (4cr)  
Discrete &  
Combinatorial  
Mathematics

Math 2401 (4cr)  
Differential  
Equations

Math 4401 (4cr)  
Numerical  
Methods

Declared Math Major

Math 4901 (2cr)  
Senior Seminar

Instructor Consent

Math 4252 (2cr)  
Differential  
Geometry

Math 4253 (2cr)  
Combinatorics

Math 1101 or Higher

Math 2211 (4cr)  
History of Math

Math 2212 (4cr)  
Intro to Knot Theory

Math 3401 (4cr)  
Operations  
Research

Math 1102 or Higher

Math 3211 (4cr)  
Geometry

Computing  
Requirement:  
CSci 1201 (4cr)  
OR  
CSci 1301 (4cr)

Math 2452 (4cr)  
Introduction to  
Math Modeling

Statistics  
Requirement:  
Stat 2601 (4cr)  
OR  
Stat 2611 (4cr)

Math 2501 (4cr)  
Probability and  
Stochastic  
Processes

Math 4241 (2cr)  
Number Theory

Math 4221 (2cr)  
Topology

Math 1010 (2cr)  
Elements of  
Algebra

Math 1001 (4cr)  
Excursions in Math

Math 1013 (2cr)  
PreCalculus II: Trig

Math 1012 (4cr)  
PreCalculus I: Functions

Math 1021 (4cr)  
Survey of Calculus

Math 1101 (5cr)  
Calculus I

Math 1102 (5cr)  
Calculus II

Math 2202 (4cr)  
Math Perspectives

Math 2101 (4cr)  
Calculus III

Math 3221 (4cr)  
Real Analysis I

Math 3222 (2cr)  
Complex  
Analysis

Math 4211 (2cr)  
Real Analysis II

Math 3231 (4cr)  
Abstract Algebra I

Math 4231 (2cr)  
Abstract Algebra II

Math 3111 (4cr)  
Linear Algebra