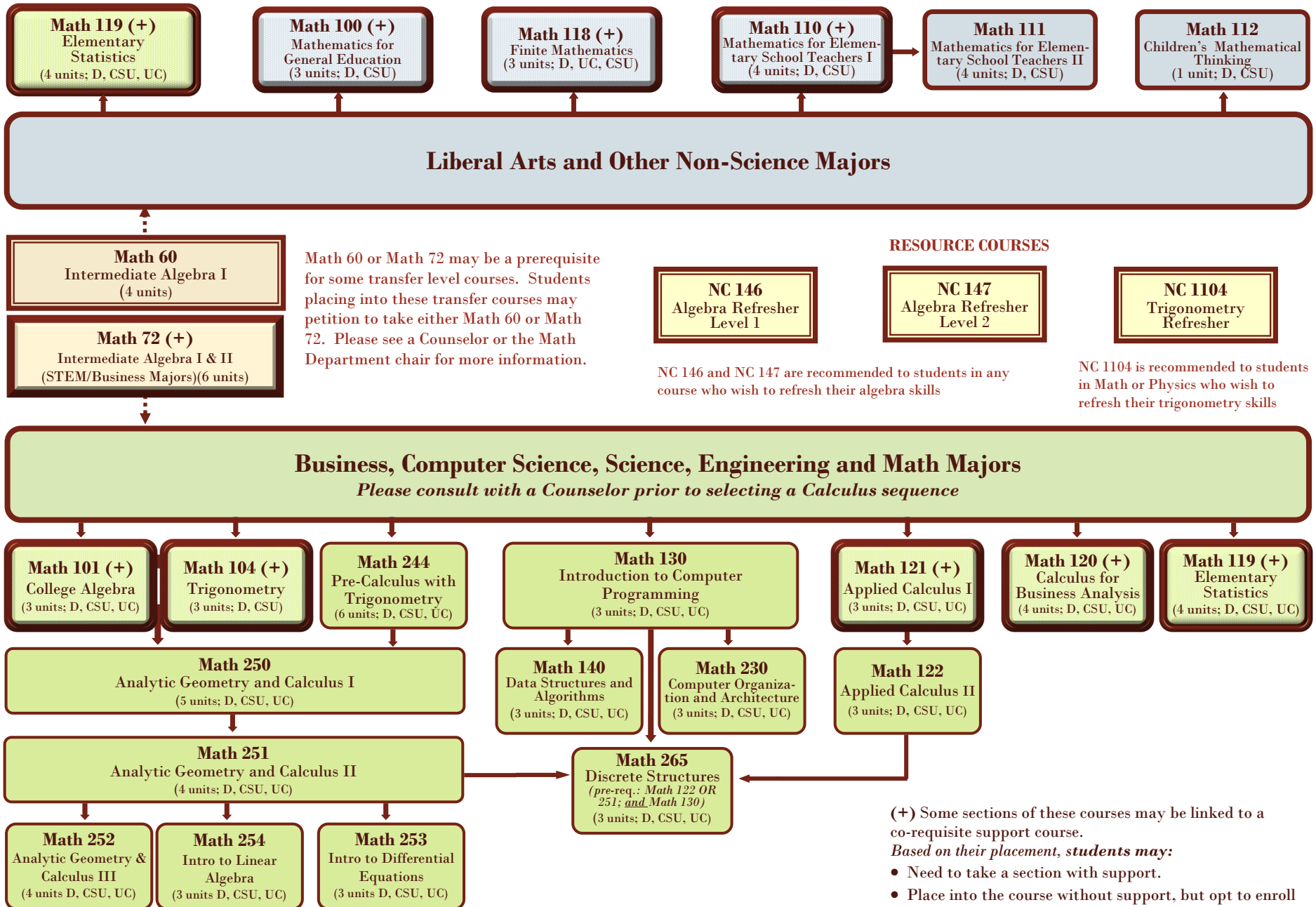


# MATHEMATICS COURSE SEQUENCE CHART

## EFFECTIVE FALL 2022

Last updated:  
3/17/2022



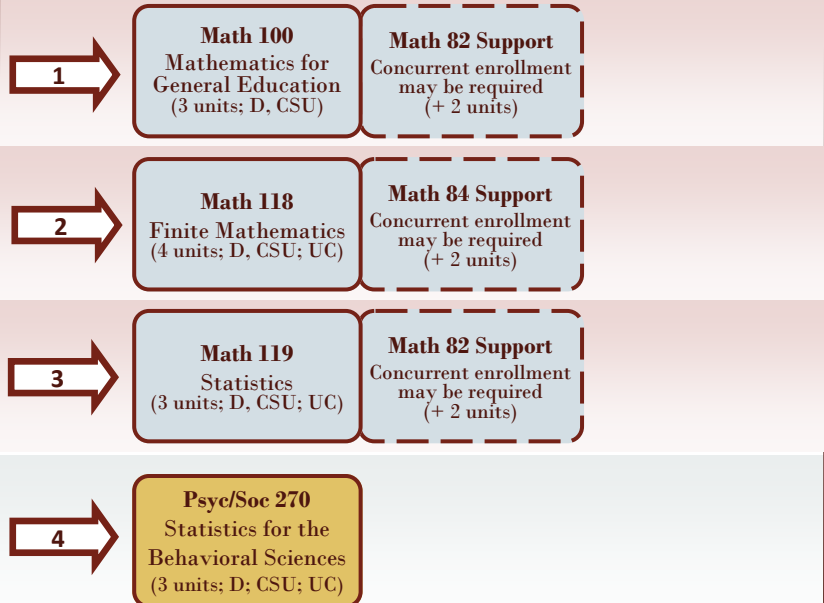
*These courses may be taken in any order after completion of Math 251; however, students are advised to complete Math 252 and Math 254 before enrolling in Math 253*

# MATHEMATICS COURSE PATHWAYS FOR LIBERAL ARTS AND OTHER NON-SCIENCE MAJORS EFFECTIVE FALL 2022

Last updated:  
3/17/2022

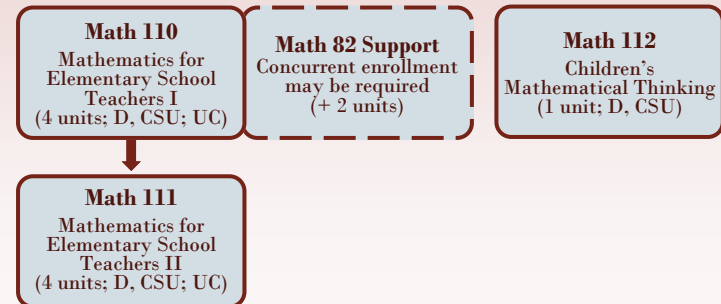
## AA DEGREE OR LIBERAL ARTS MAJORS

- ⇒ **Choose** one of the four paths listed below
- ⇒ **Please speak to a Counselor to ensure you are choosing the correct path for your major and transfer institution**
- ⇒ Math 100, Math 118, and Math 119 may require enrollment into a co-requisite support course depending on placement
- ⇒ Students may choose co-requisite support even if it is not required
- ⇒ Depending on placement, students may opt to begin in Math 60—Intermediate Algebra I prior to enrolling in Math 118 or Psyc/Soc 270



## MATH EDUCATION MAJORS

- ⇒ Math 110 may require enrollment into a co-requisite support course depending on placement
- ⇒ Students may choose co-requisite support even if it is not required
- ⇒ Depending on placement, students may opt to begin in Math 60—Intermediate Algebra I prior to enrolling in Math 110



## OPTIONAL COURSE

- Depending on placement, students may opt to enroll in the following course if they wish to improve their algebra skills:
- ⇒ Prior to taking a transfer level math course (Math 100, 110, or 118)
  - ⇒ For personal enrichment

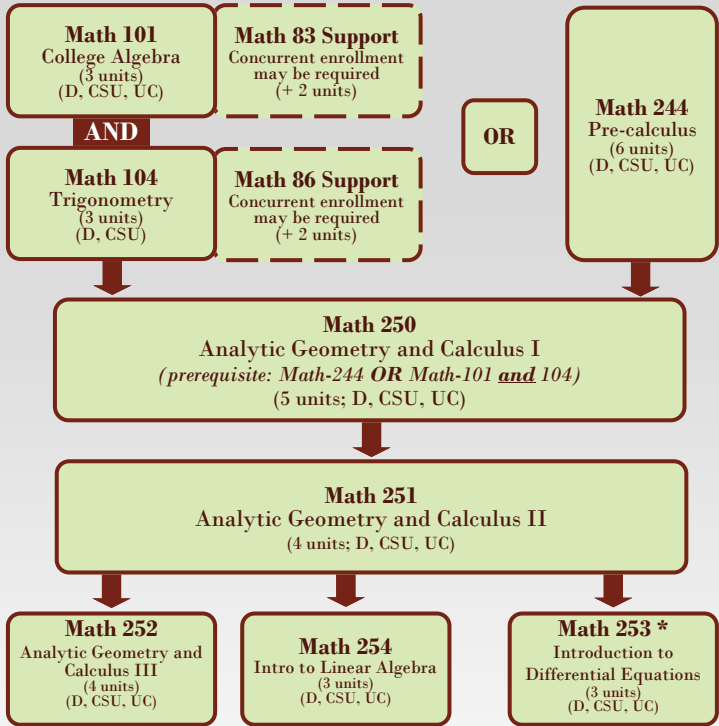
**Math 60**  
Intermediate Algebra I  
(4 units)

# MATHEMATICS COURSE PATHWAYS FOR MATH, ENGINEERING AND COMPUTER SCIENCE MAJORS EFFECTIVE FALL 2022

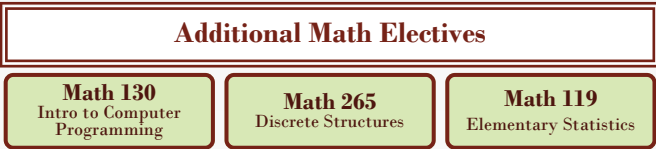
**MATH AND ENGINEERING**

**Based on Placement students:**

- ⇒ May be required to enroll in Math 101 with support
- ⇒ May choose co-requisite support even if it is not required
- ⇒ May be able to enroll in Math 244 directly
- ⇒ May opt to begin in Math 72—Intermediate Algebra I & II prior to enrolling in Math 101 or Math 244



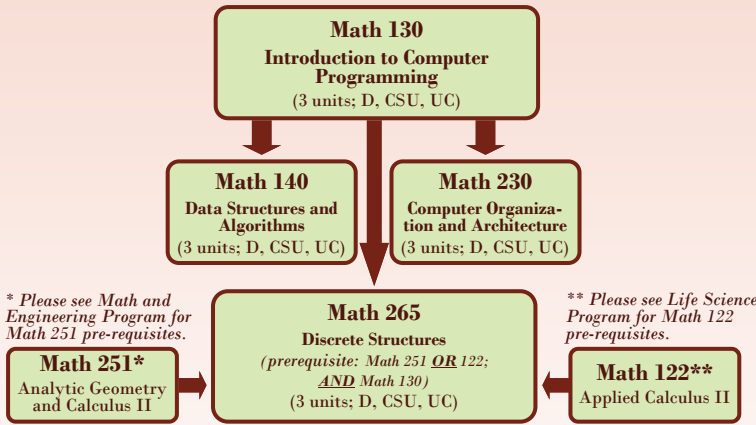
\* Students are advised to complete Math 252 and Math 254 before enrolling in Math 253



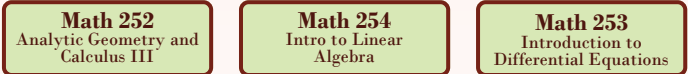
**COMPUTER SCIENCE**

**Based on Placement students:**

- ⇒ May opt to begin in Math 72—Intermediate Algebra I & II prior to enrolling in Math 130



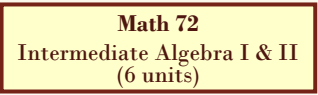
**Additional Math Electives**  
Not ADT applicable; consult with a Counselor prior to choosing elective



**OPTIONAL COURSE**

Depending on placement, students may opt to enroll in the following course if they wish to improve their algebra skills:

- ⇒ Prior to taking a transfer level math course (Math 101, 104, 130, 121, 120, 119, or 244)
- ⇒ For personal enrichment



## MATHEMATICS COURSE PATHWAYS FOR BUSINESS AND LIFE SCIENCE MAJORS EFFECTIVE FALL 2022

### LIFE SCIENCE

Based on Placement results, students:

- ⇒ May be required to enroll in concurrent support for Math 121
- ⇒ May choose co-requisite support even if it is not required
- ⇒ Depending on placement, may opt to begin in Math 72—Intermediate Algebra I & II prior to taking Math 121

**Math 121**  
Applied Calculus I  
(3 units; D, CSU, UC)

**Math 85 Support**  
Concurrent enrollment  
may be required  
(+ 2 units)

**Math 122**  
Applied Calculus II  
(3 units; D, CSU, UC)

*Some transfer institutions may require a different Calculus sequence.  
Please consult with a Counselor*

### BUSINESS

Based on Placement results, students:

- ⇒ May be required to enroll in concurrent support for Math 119 or Math 120
- ⇒ May choose co-requisite support even if it is not required
- ⇒ If placement requires support, successful completion of Math 120+Math 85 clears the support requirement for Math 119
- ⇒ If placement requires support, successful completion of Math 119+Math 84 does NOT clear the support requirement for Math 120. This order should only be recommended for BSTEM 1 placement.
- ⇒ Depending on placement, may opt to begin in Math 72—Intermediate Algebra I and II prior taking Math 120 or Math 119

**Math 120**  
Calculus for Business  
Analysis  
(4 units; D, CSU, UC)

**Math 119**  
Elementary Statistics  
(4 units; D, CSU, UC)

**Math 85**  
Concurrent enrollment  
may be required  
(+ 2 units)

**Math 84**  
Concurrent enrollment  
may be required  
(+ 2 units)

### OPTIONAL COURSE

Depending on placement, students may opt to enroll in the following course if they wish to improve their algebra skills:

- ⇒ Prior to taking a transfer level math course (Math 101, 104, 130, 121, 120, 119, or 244)
- ⇒ For personal enrichment

**Math 72**  
Intermediate Algebra I & II  
(6 units)