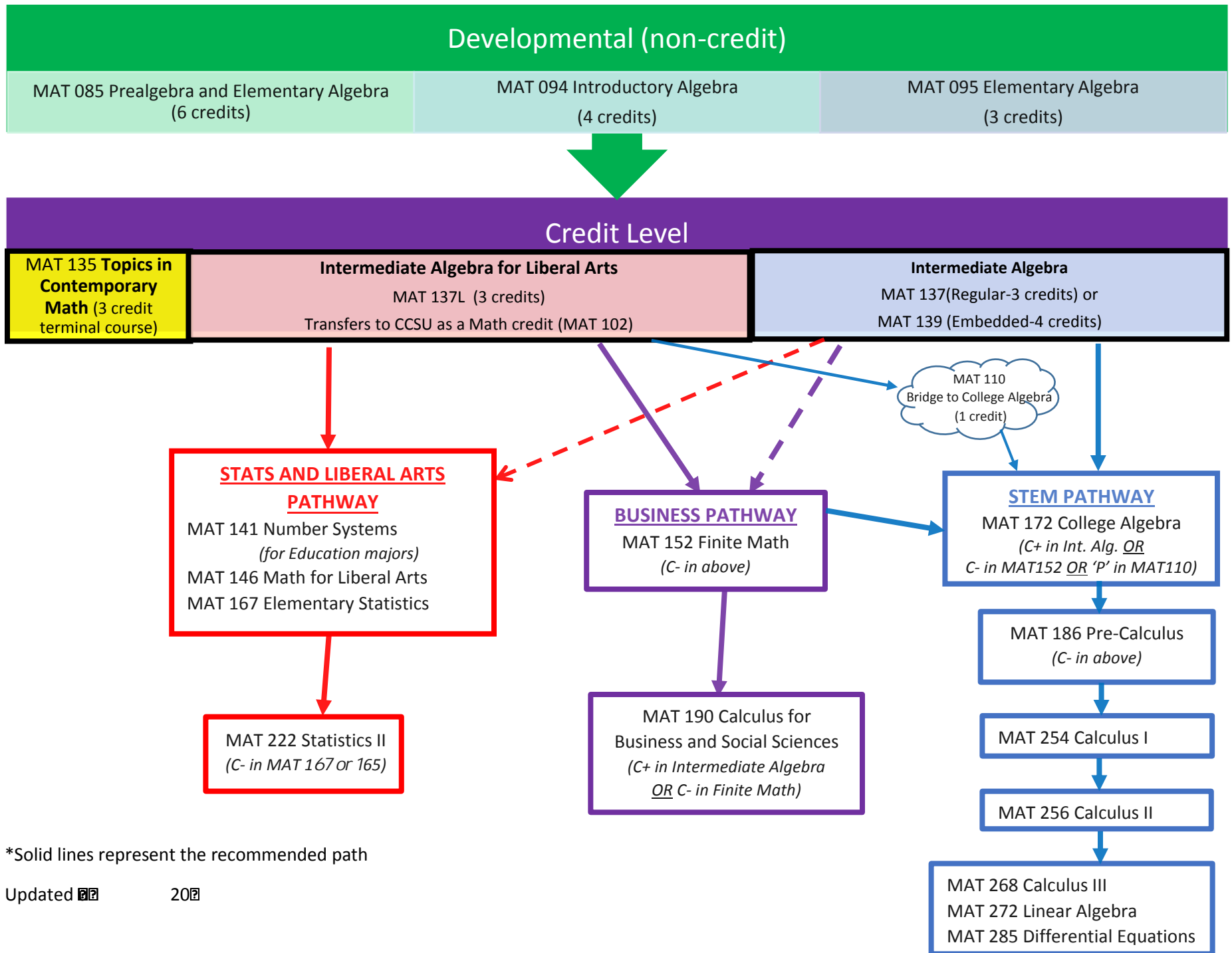


# MATH ADVISING



\*Solid lines represent the recommended path

**Take MAT137L (Intermediate Algebra for the Liberal Arts) if you are on the  
Stats and Liberal Arts Pathway or the Business Pathway**

**Degrees**

- Visual Fine Arts
- VFA: Photography
- Business Administration
- Business Office Technology
- BOT: Medical
- Computer Information Systems\*
- CIS: Programming
- CIS: Network Administration
- Criminal Justice
- CJ: Corrections
- Dental Hygiene
- Early Childhood Education
- General Studies\*
- Graphic Design
- GD: Interactive Media
- Human Services
- HS: Family Violence
- Liberal Arts and Sciences\*
- Pathway to Teaching
- Health Career Pathways\*

**Transfer Tickets**

- Art Studies
- Business Studies
- Communication Studies
- Criminology Studies
- Early Childhood
- English Studies
- French Studies
- History Studies
- Italian Studies
- Political Science Studies
- Psychology Studies
- Social Work Studies
- Sociology Studies
- Spanish Studies

*\*May need a longer conversation to determine long-term goal.*

**Stats and Liberal Arts Sequence:**

**Developmental Level (non-credit):**

MAT085 Prealgebra and Elementary Algebra (6 credits) or  
 MAT094 Introductory Algebra (4 credits) or  
 MAT 095 Elementary Algebra (3 credits)

**Credit Level:**

MAT137L Intermediate Algebra for the Liberal Arts  
*(transfers to CCSU as a Math credit)*

MAT 141 Number Systems *(for Education majors)*  
 MAT 146 Math for Liberal Arts  
 MAT 167 Principles of Statistics *(leads to MAT 222 Stats II)*  
 MAT 152 Finite Math *(leads to MAT190 Calc. for Business)*

*If a student changes their major, then they can take a 1 credit bridge course (MAT110) in the winter or summer OR Finite Math (MAT152) as a prerequisite to College Algebra.*

## Take MAT 137 or MAT 139 if you are on the STEM Pathway

### Degrees

- Computer Science/Mathematics
- Energy Management
- Engineering Science
- Technology Studies
- TS: Biomolecular Science
- TS: Engineering Technology
- TS: Engineering and Education

### Transfer Tickets

- Biology Studies
- Chemistry Studies
- Mathematics Studies
- Physics Studies

### **STEM Math Sequence:**

Developmental (non-credit):

MAT085 Prealgebra and Elementary Algebra (6 credits) or  
MAT094 Introductory Algebra (4 credits) or  
MAT 095 Elementary Algebra (3 credits)



Credit Level:

MAT 137 Intermediate Algebra (3 credits) or  
MAT139 Intermediate Algebra (Embedded 4 credits)



MAT 172 College Algebra

*(C+ or above in Intermediate. Otherwise take MAT152 first.)*



MAT 186 Pre-Calculus



MAT 254 Calculus I



MAT 256 Calculus II



MAT 268 Calculus III

MAT 272 Linear Algebra

MAT 285 Differential Equations