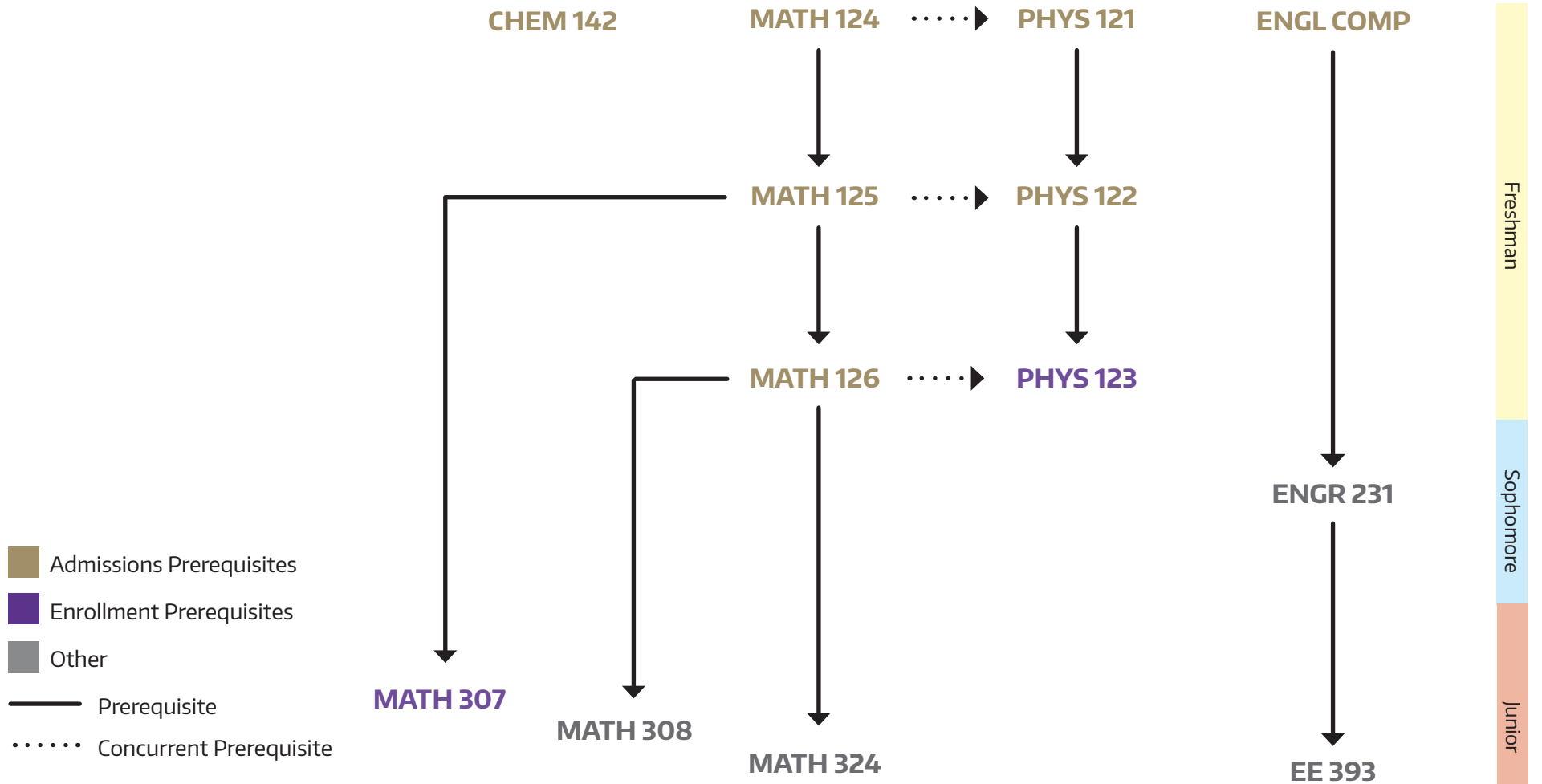


# Admissions & Enrollment Prerequisites

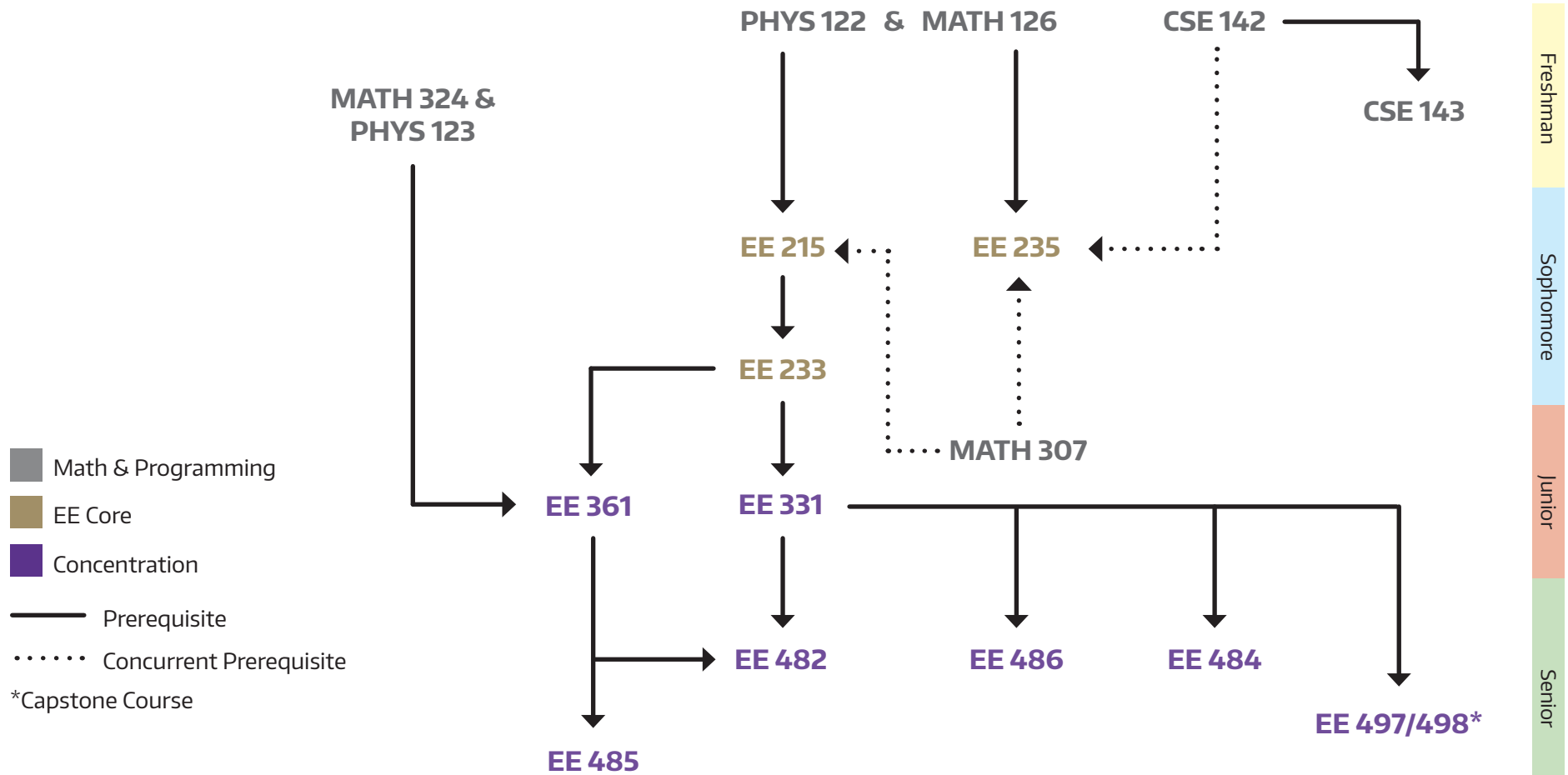


25 credits total of

- 10+ cr. I&S
- 10+ cr. VLPA
- 3 cr. Must be DIV

# Advanced Electronic and Photonic Devices Major Concentration

(33 cr.)

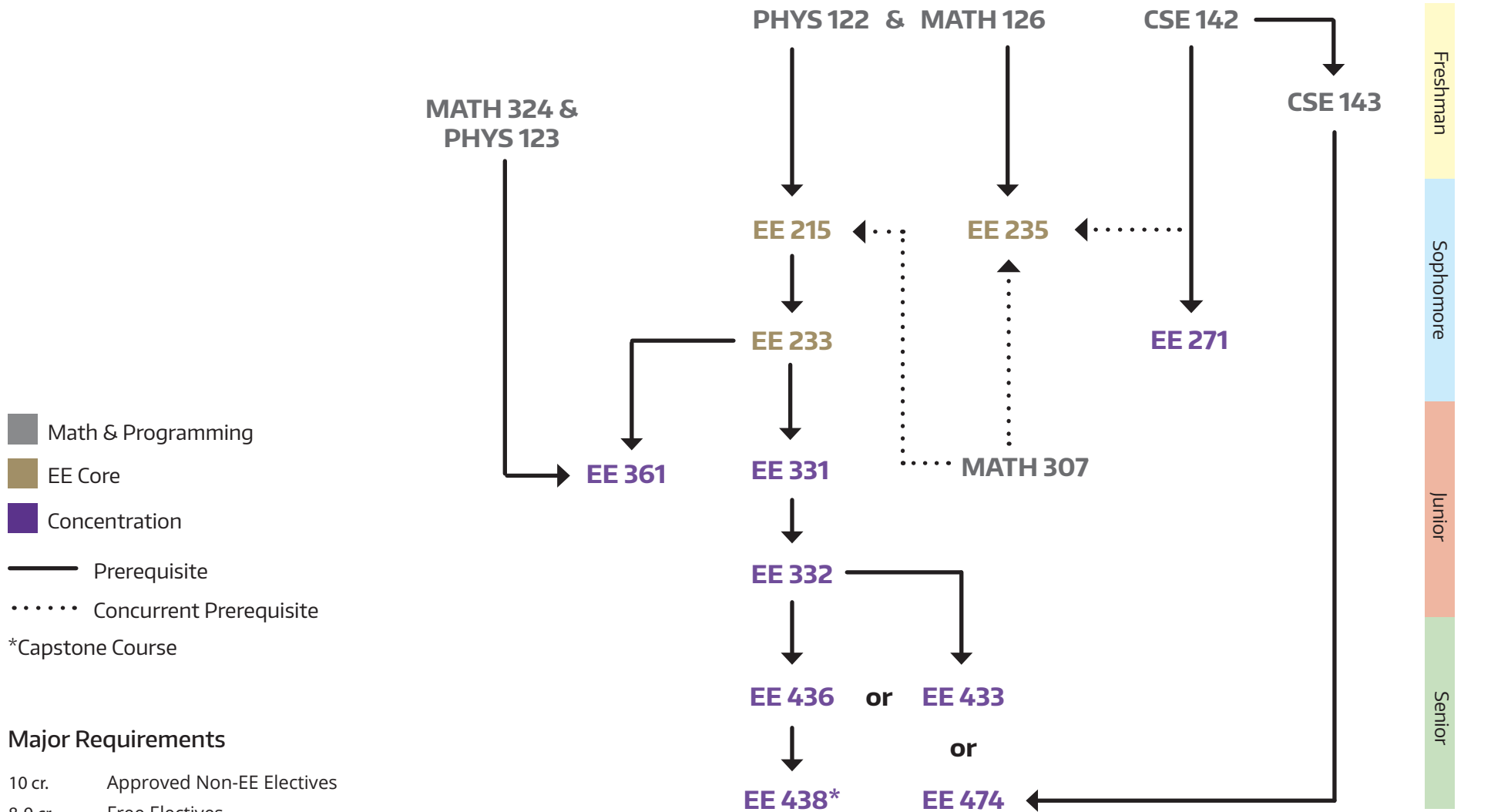


## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives
- One of STAT 390, STAT 391, STAT 394, IND E 315

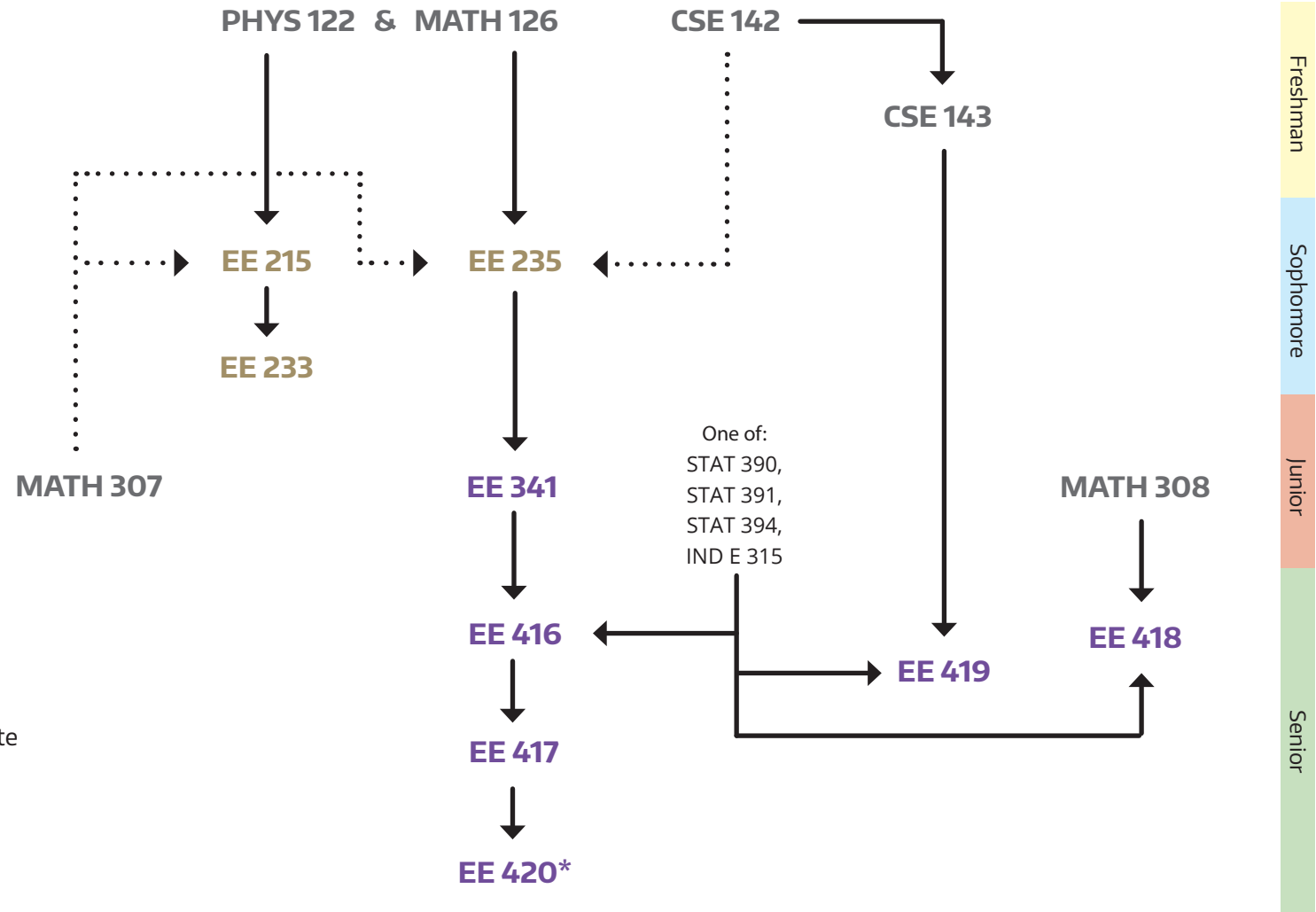
# Biomedical Instrumentation Major Concentration

(33 – 34 cr.)



# Communications Major Concentration

(24 cr.)



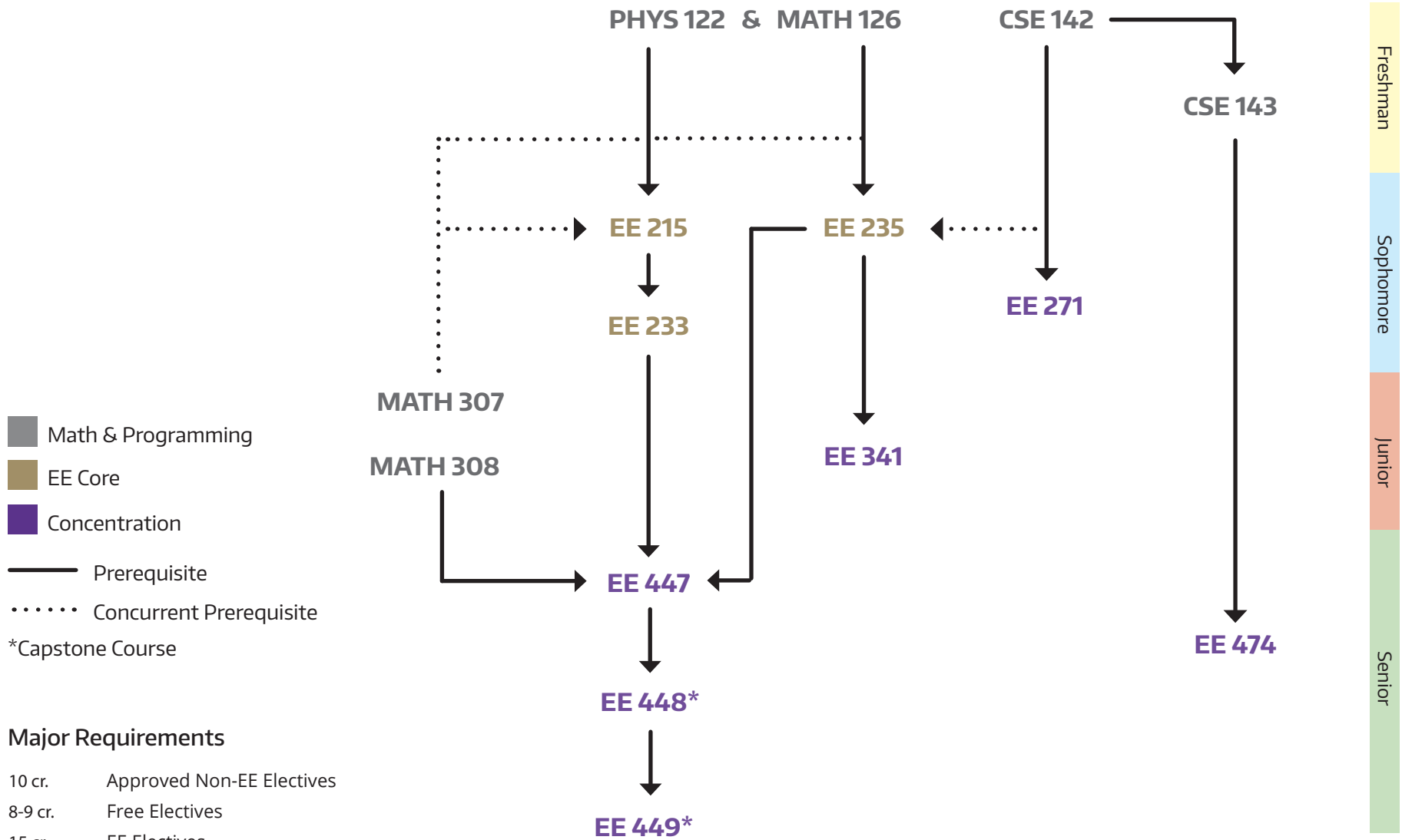
- Math & Programming
- EE Core
- Concentration
- Prerequisite
- Concurrent Prerequisite
- \*Capstone Course

## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives

# Controls Major Concentration

(26 cr.)

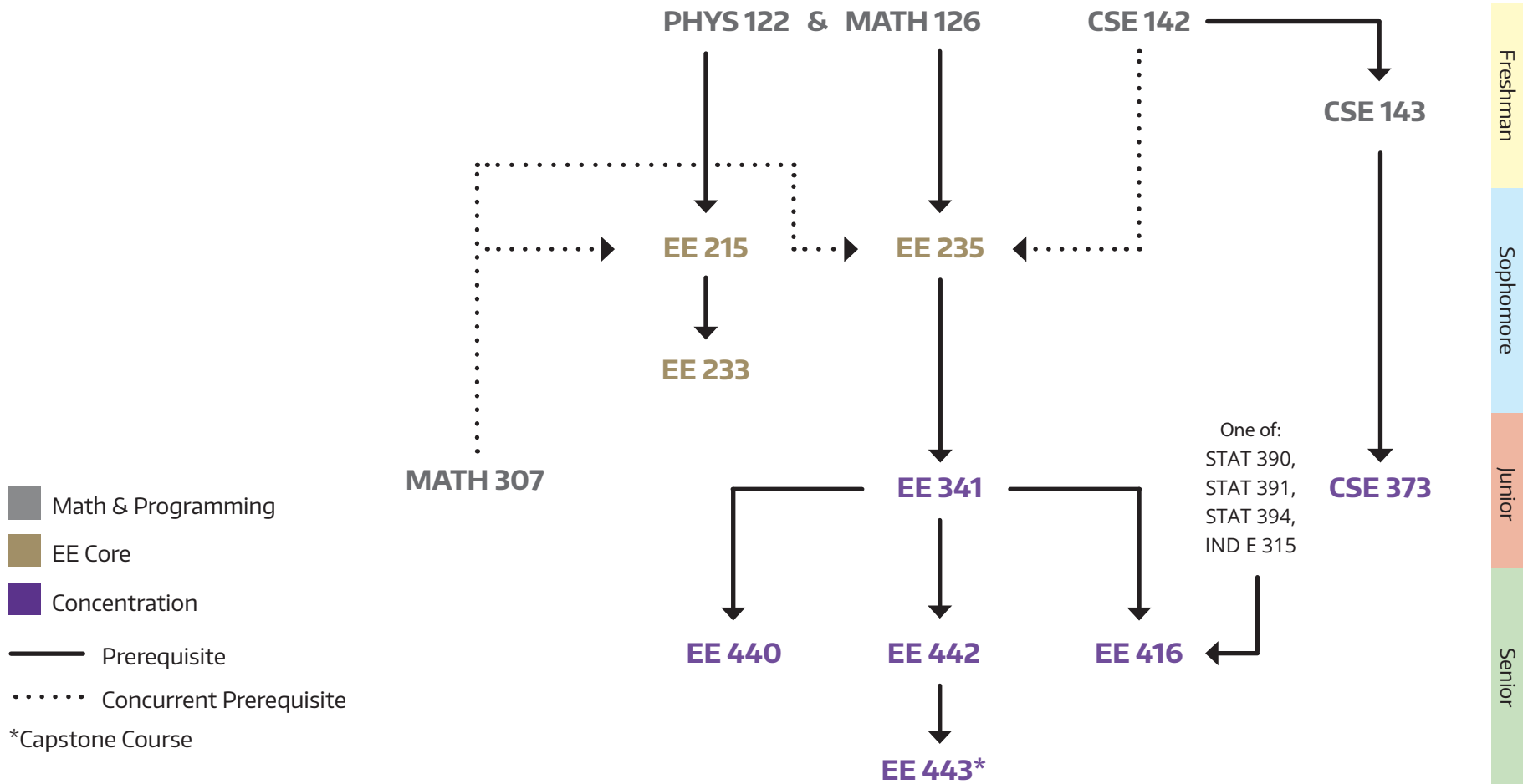


## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives
- One of STAT 390, STAT 391, STAT 394, IND E 315

# Digital Signal and Image Processing Major Concentration

(25 cr.)



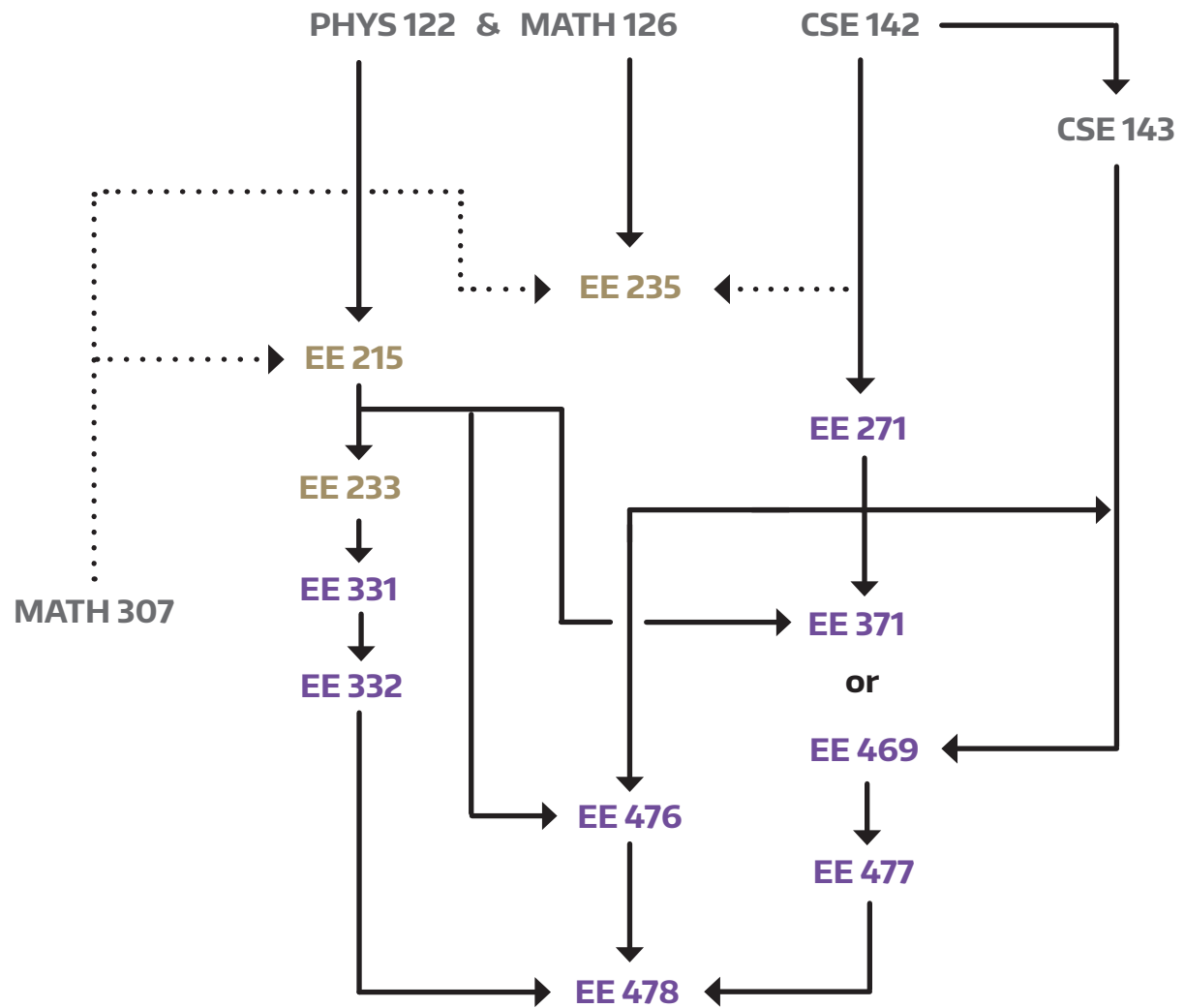
## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives

# Digital VLSI Major Concentration

(40 cr.)

- Math & Programming
- EE Core
- Concentration
- Prerequisite
- Concurrent Prerequisite
- \*Capstone Course

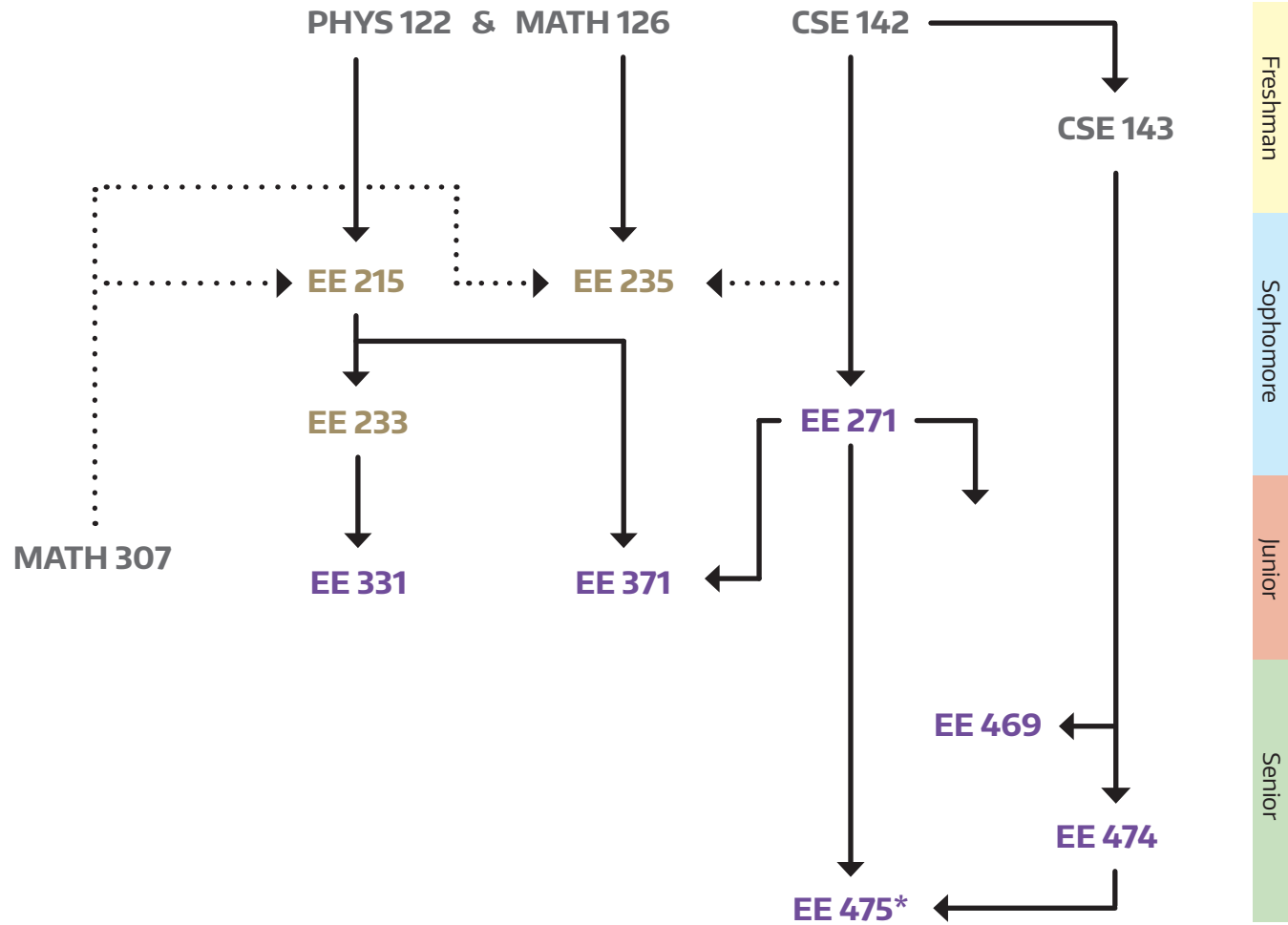


## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives
- One of STAT 390, STAT 391, STAT 394, IND E 315

# Embedded Computing Systems Major Concentration

(29 cr.)



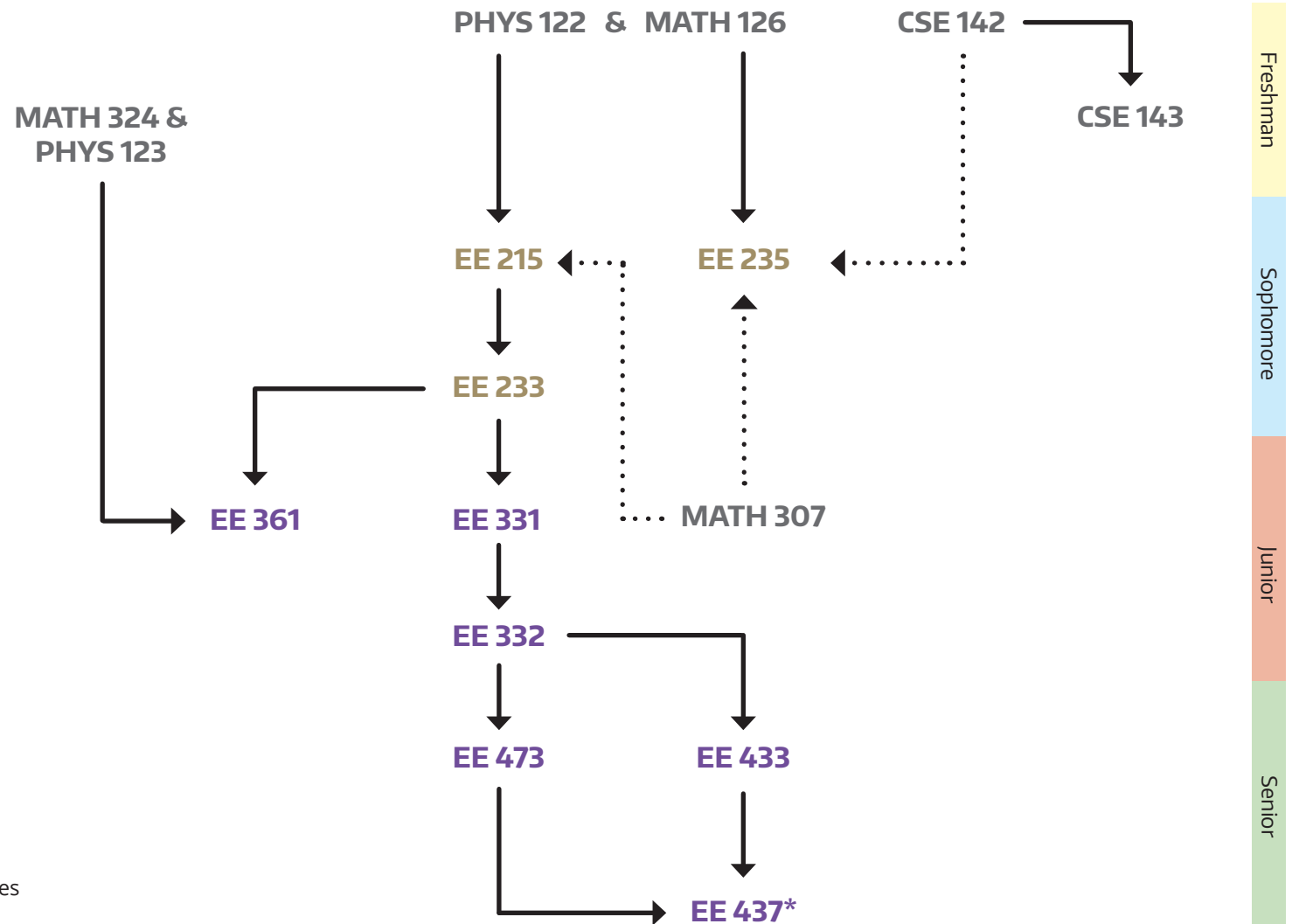
## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives
- One of STAT 390, STAT 391, STAT 394, IND E 315



# Integrated Systems Major Concentration

(30 cr.)



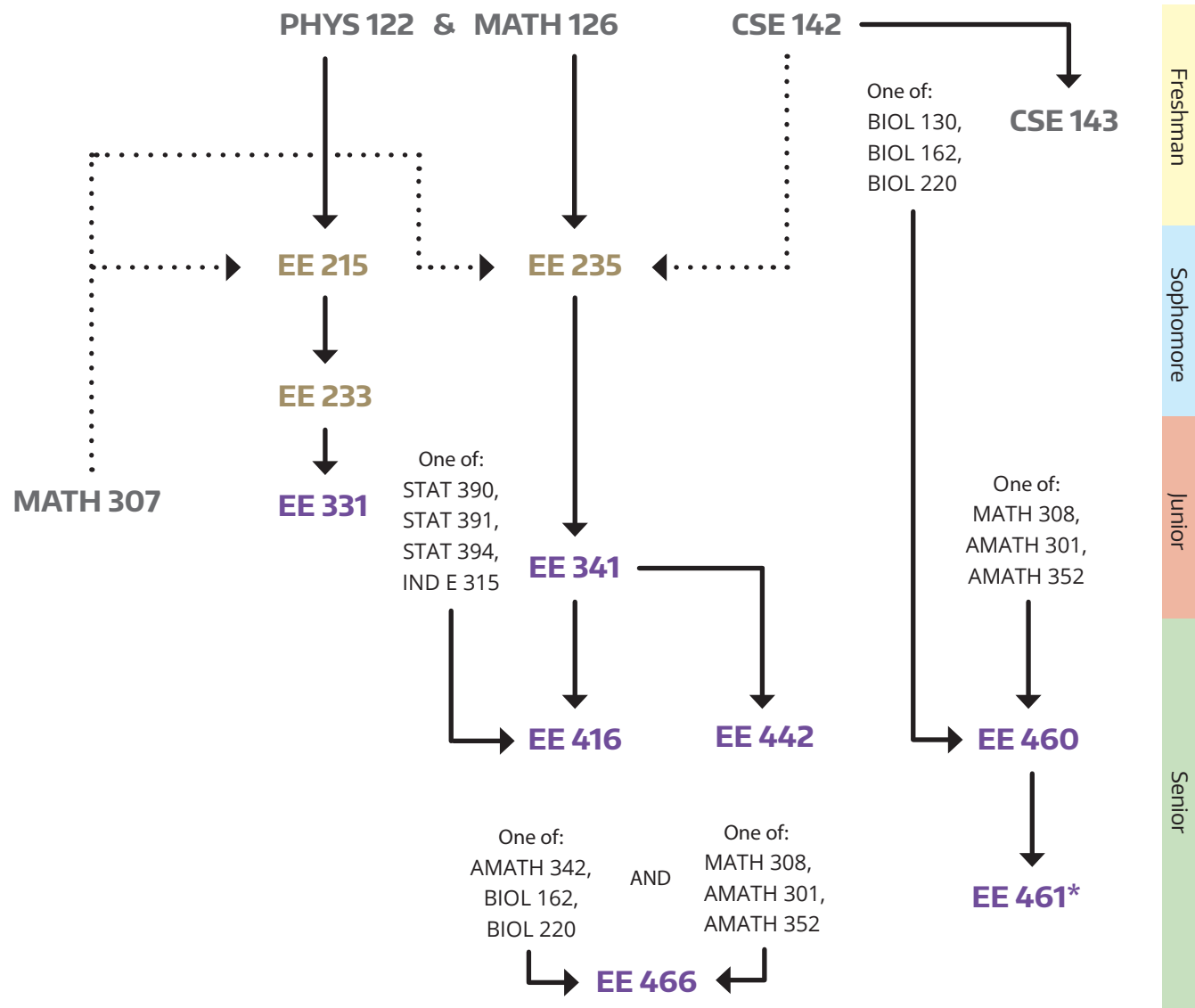
- Math & Programming
- EE Core
- Concentration
- Prerequisite
- Concurrent Prerequisite
- \*Capstone Course

## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives
- One of STAT 390, STAT 391, STAT 394, IND E 315

# Neural Engineering Major Concentration

(27 cr.)



Math & Programming

EE Core

Concentration

Prerequisite

Concurrent Prerequisite

\*Capstone Course

## Major Requirements

10 cr. Approved Non-EE Electives

8-9 cr. Free Electives

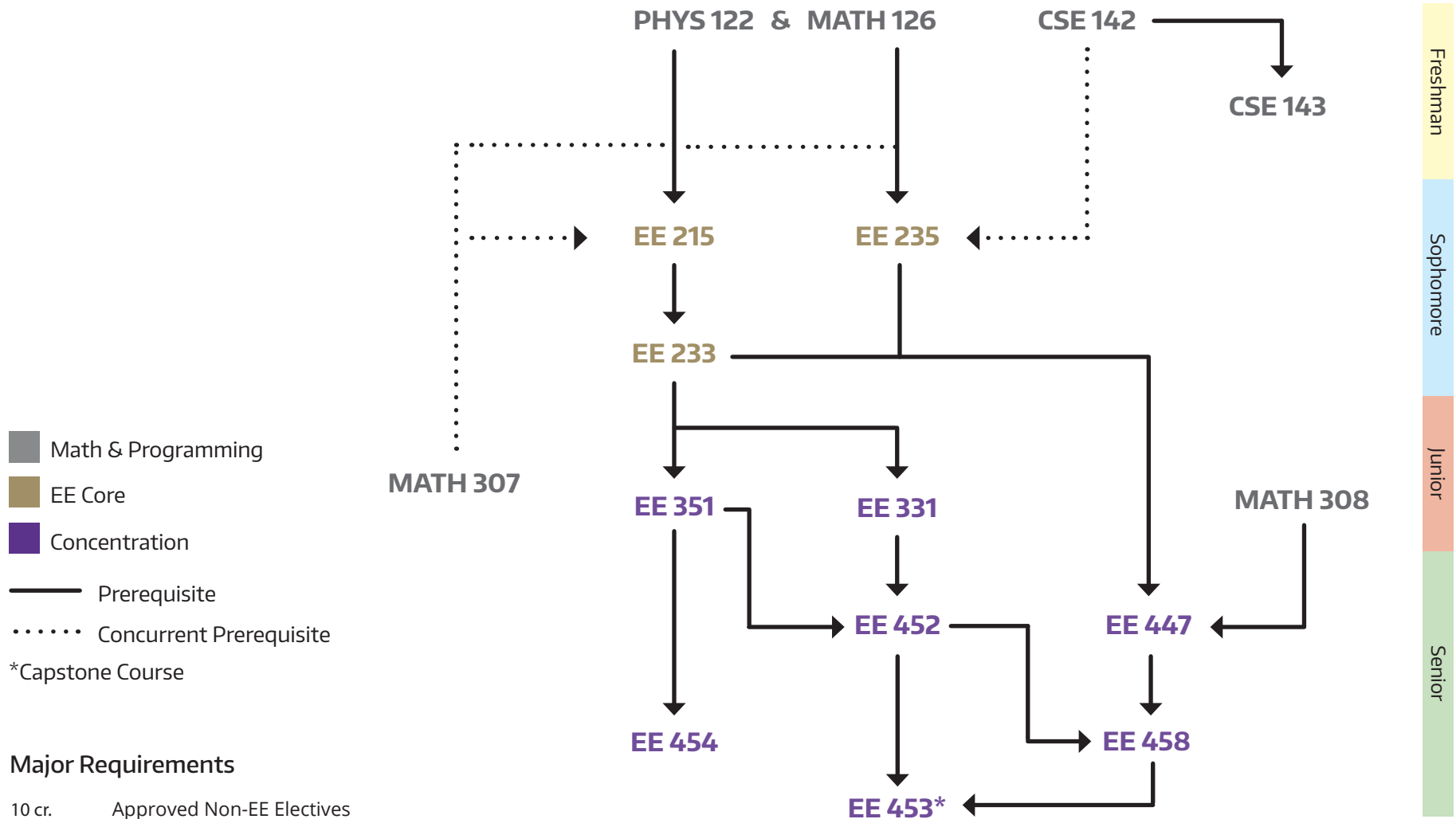
15 cr. EE Electives

10 cr. Engineering Electives

One of STAT 390, STAT 391, STAT 394, IND E 315

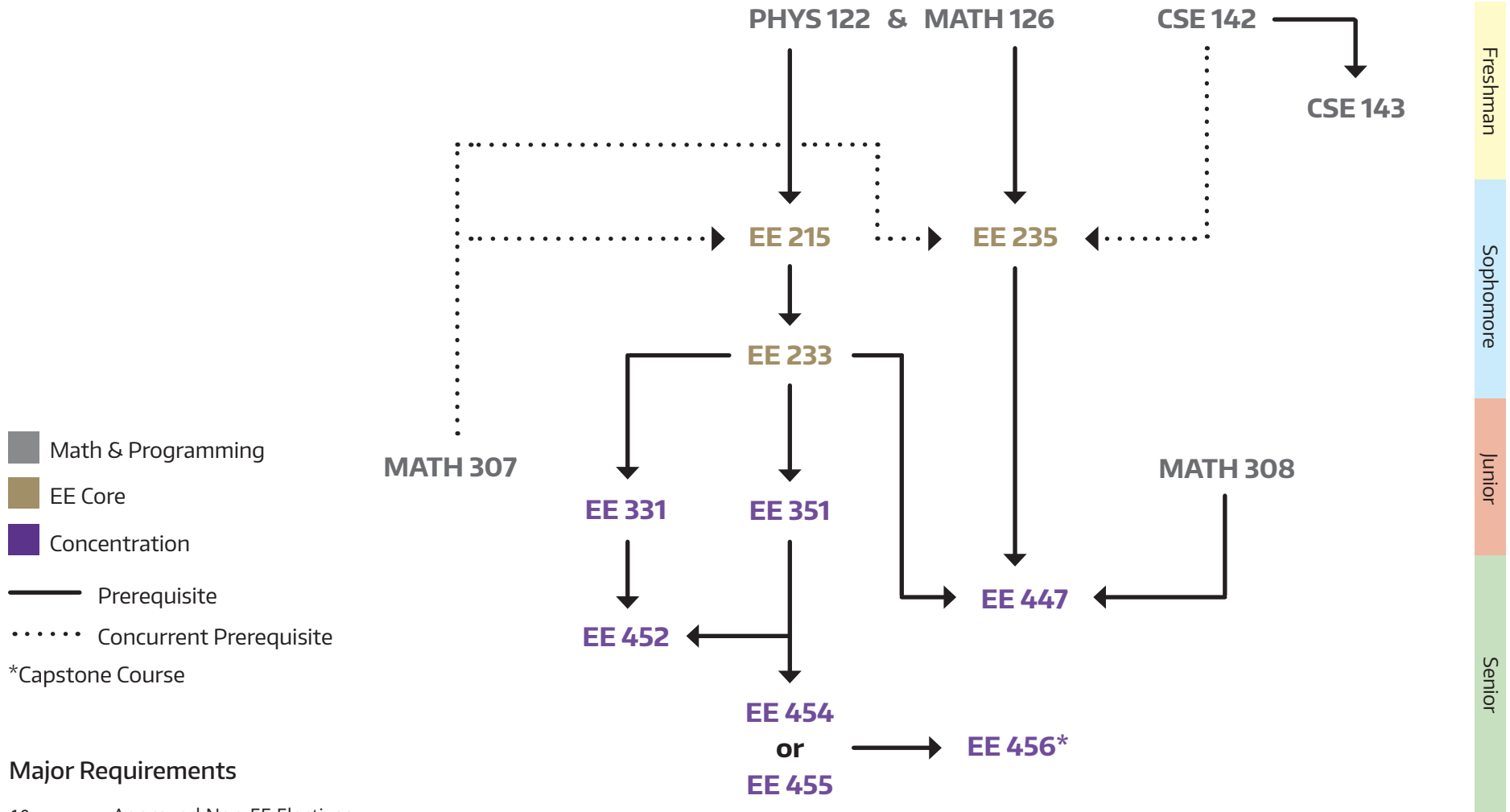
# Power Electronics and Drives Major Concentration

(28 cr.)



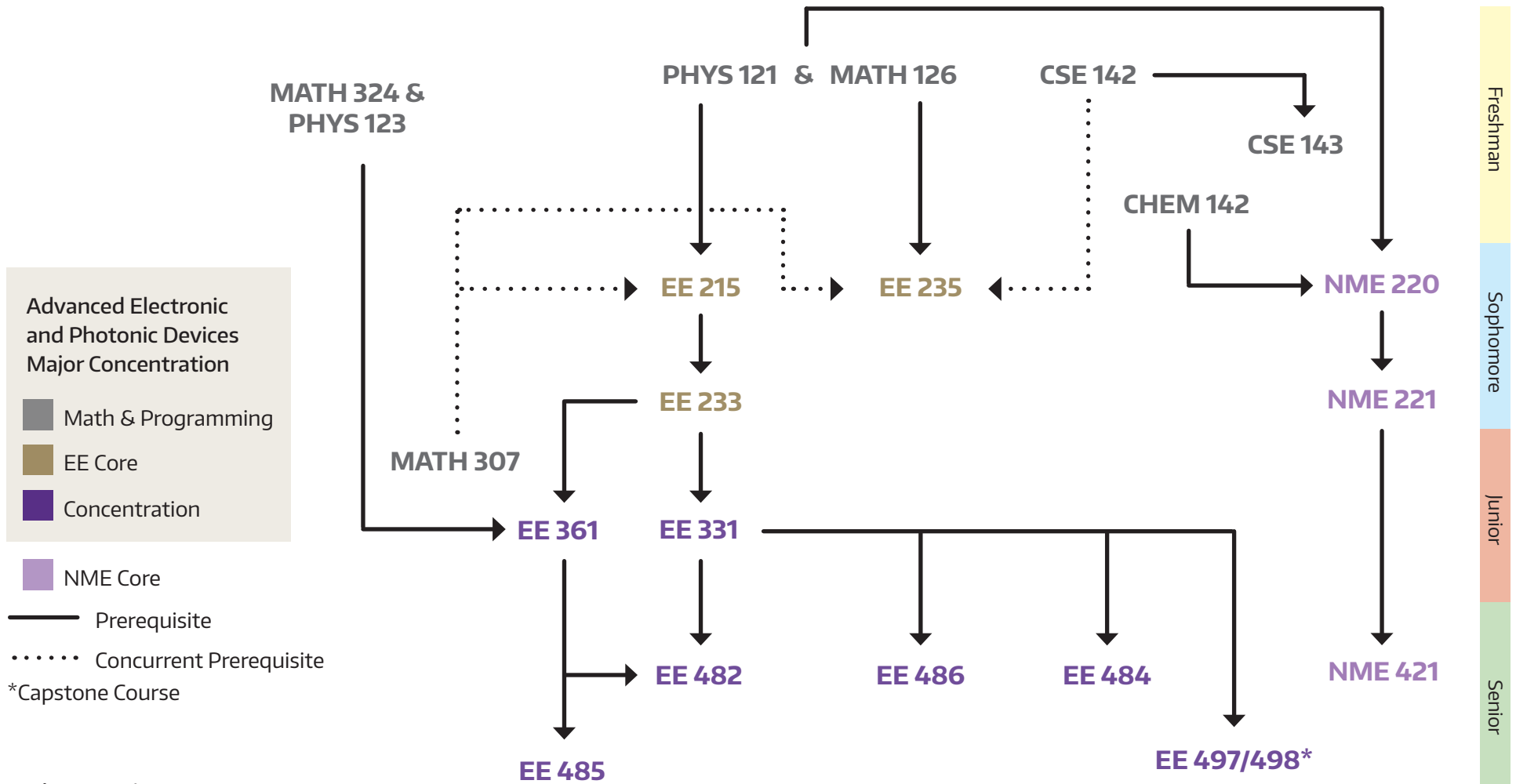
# Sustainable Power Systems Major Concentration

(28 cr.)



# Nanoscience and Molecular Engineering Option

(39 cr.)



## Major Requirements

- 10 cr. Approved Non-EE Electives
- 8-9 cr. Free Electives
- 15 cr. EE Electives
- 10 cr. Engineering Electives
- One of STAT 390, STAT 391, STAT 394, IND E 315