#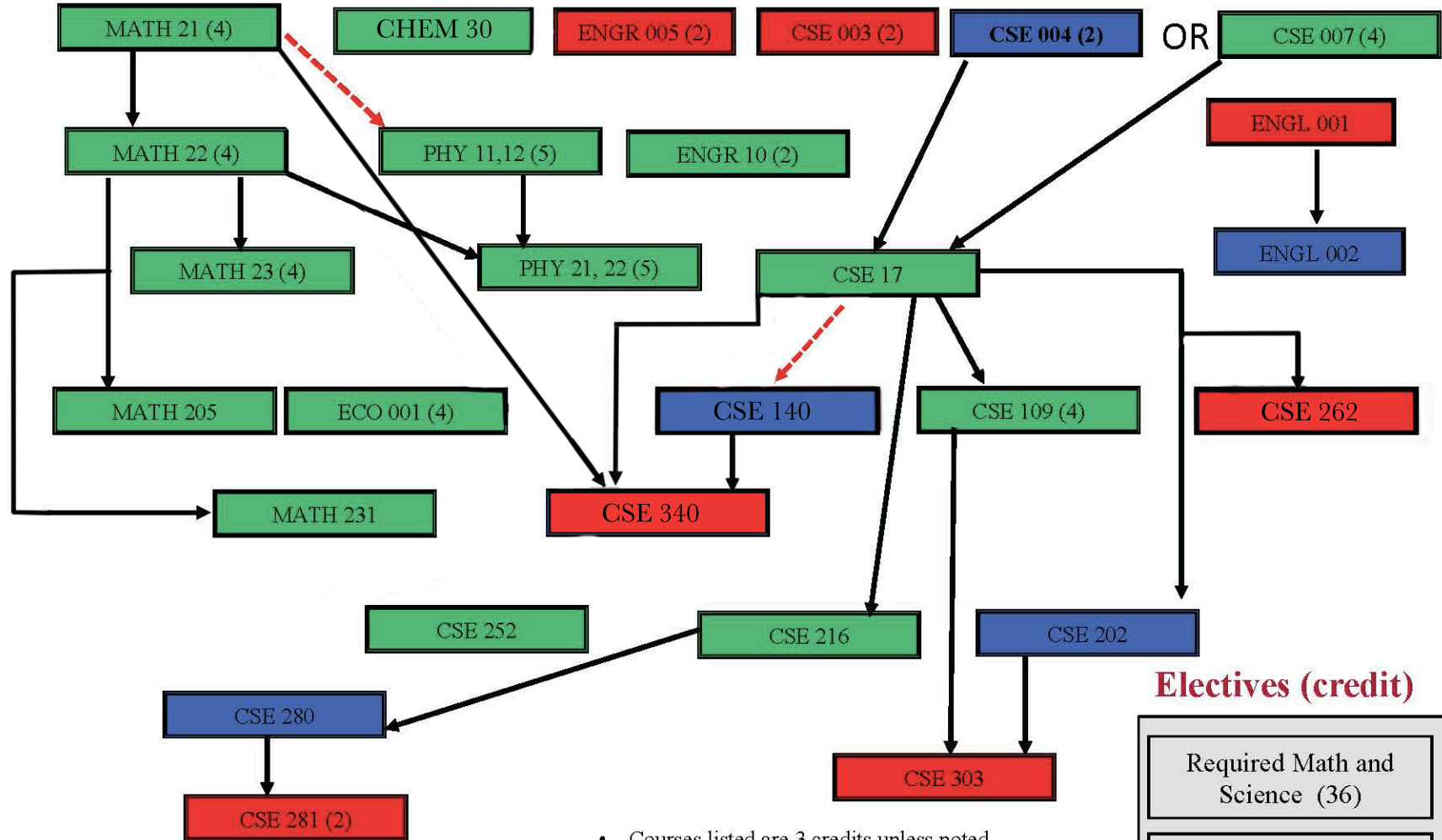 B.S. in Computer Science (College of Engineering and Applied Science) --- Prerequisite Structure of Courses (Class 2023 or later)

Required Courses

MATH 21 (4)

CHEM 30

ENGR 005 (2)

CSE 003 (2)

CSE 004 (2)   OR   CSE 007 (4)

MATH 22 (4)

PHY 11,12 (5)

ENGR 10 (2)

ENGL 001

MATH 23 (4)

PHY 21, 22 (5)

CSE 17

ENGL 002

MATH 205

ECO 001 (4)

CSE 140

CSE 109 (4)

CSE 262

MATH 231

CSE 340

CSE 252

CSE 216

CSE 202

CSE 280

CSE 303

CSE 281 (2)

- Courses listed are 3 credits unless noted
- Total of 130 credits required

Electives (credit)

Required Math and Science (36)
Required approved electives (21)
Humanities and Social Science (30)
Free Elective (9)

Legend

- 🟩 Offered both semesters
- 🟥 Offered fall only
- 🟦 Offered spring only
- → Indicates prerequisite
- ⇢ (red dashed) Indicates corequisite or prerequisite