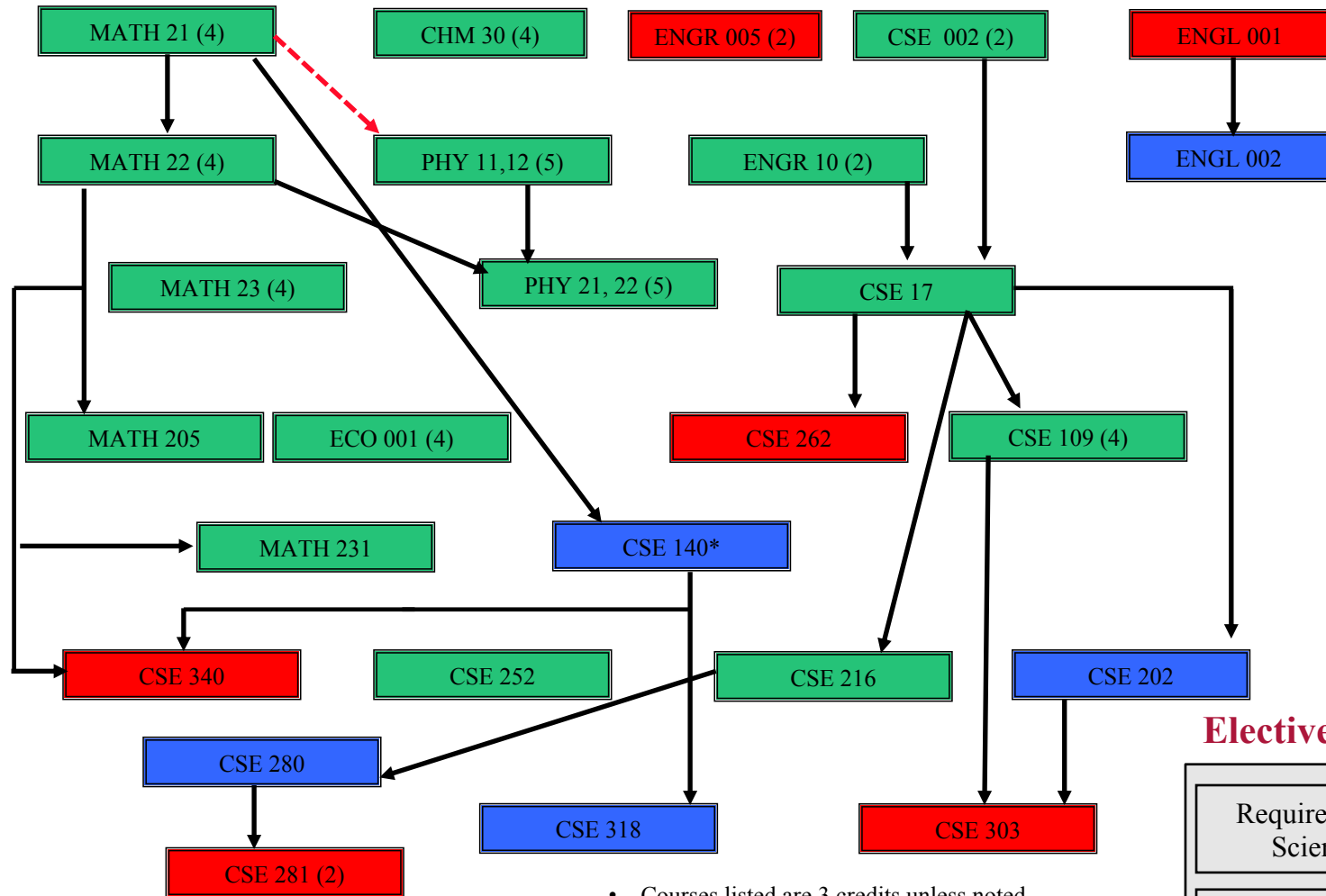# B.S. in Computer Science (College of Engineering and Applied Science) --- Prerequisite Structure of Courses (prior to Class of 2023)



**Required Courses**

Courses:
- MATH 21 (4)
- CHM 30 (4)
- ENGR 005 (2)
- CSE 002 (2)
- ENGL 001
- MATH 22 (4)
- PHY 11,12 (5)
- ENGR 10 (2)
- ENGL 002
- MATH 23 (4)
- PHY 21, 22 (5)
- CSE 17
- MATH 205
- ECO 001 (4)
- CSE 262
- CSE 109 (4)
- MATH 231
- CSE 140*
- CSE 340
- CSE 252
- CSE 216
- CSE 202
- CSE 280
- CSE 318
- CSE 303
- CSE 281 (2)

**Legend:**
- Offered both semesters (green)
- Offered fall only (red)
- Offered spring only (blue)
- → Indicates prerequisite
- ⇢ (red dashed) Indicates corequisite or prerequisite

Notes:
- Courses listed are 3 credits unless noted
- Total of 128 credits required
- CSE 140= CSE 198 (Spring 2018 only) or CSE 261 (Fall 2017 or earlier)

**Electives (credit)**
- Required Math and Science (36)
- Required approved electives (18)
- Humanities and Social Science (17)
- Free Elective (9)