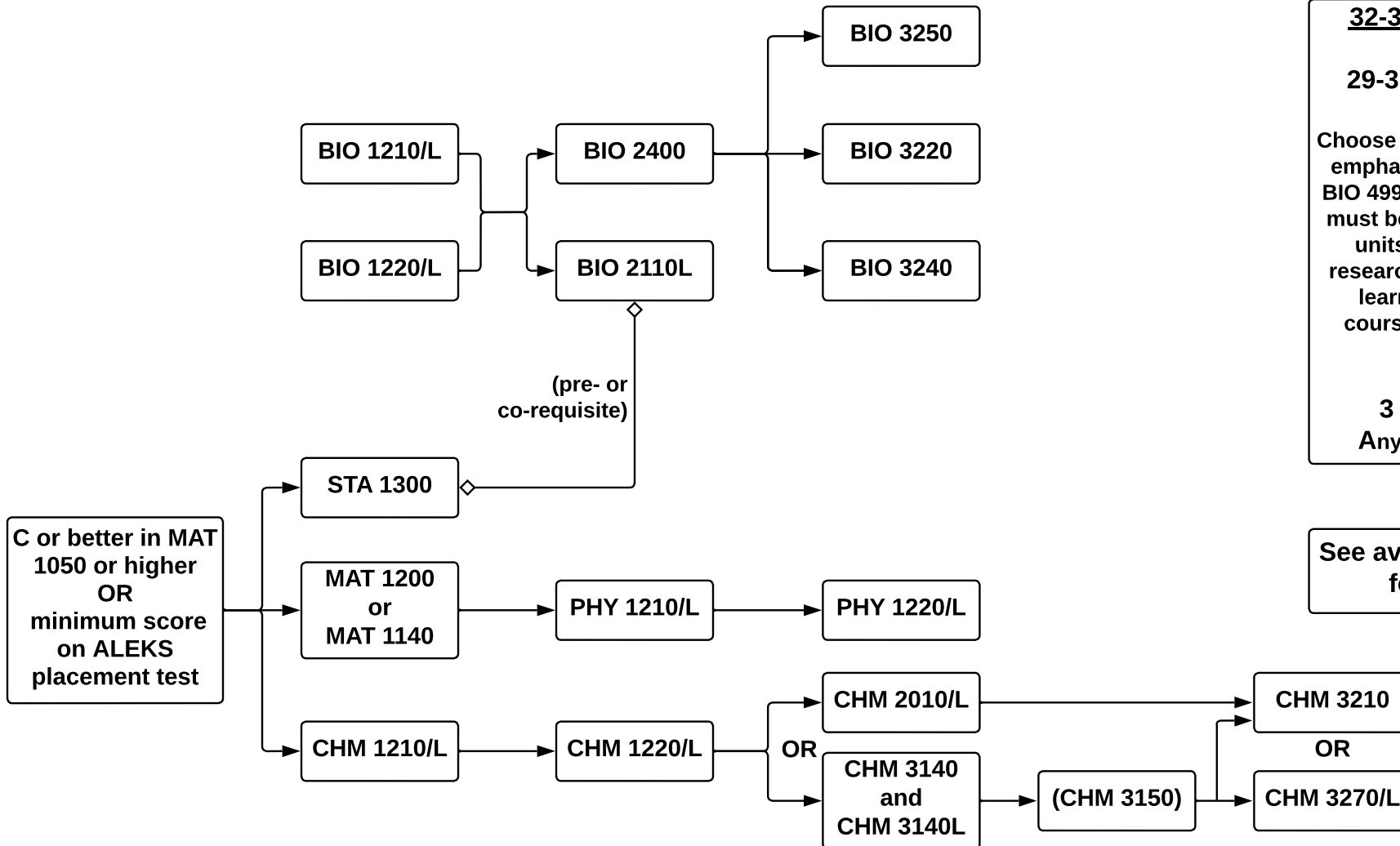


2024-2025  
College of Science  
Flow Charts



# General Biology



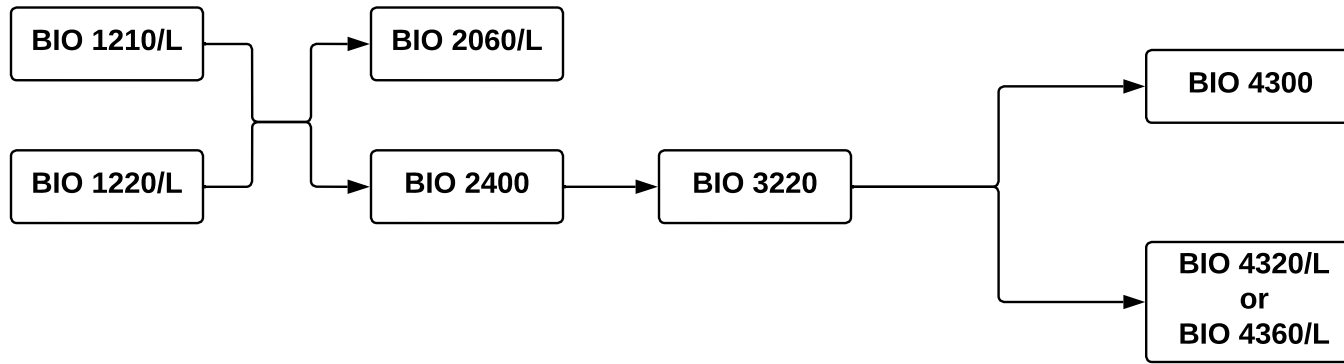
**32-34 Major Electives**

**29-31 Units Emphasis Electives**  
 Choose any course from the six emphases or BIO 2990/A/L or BIO 4990/A/L. At least 12 units must be at 4000-level. Up to 4 units combined from the research supervisory, service learning, and internship courses may count toward electives.

**3 Units of B5 GE**  
 Any GE Area B5 course

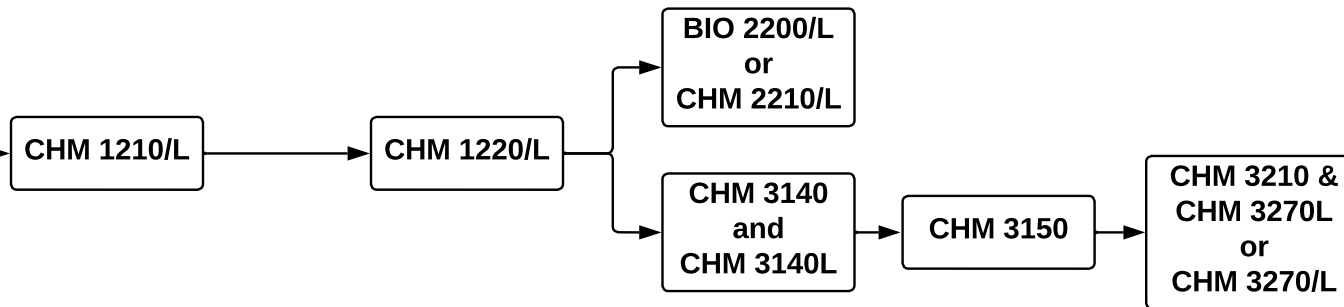
See available BIO courses for GE Area B5

# Biotechnology



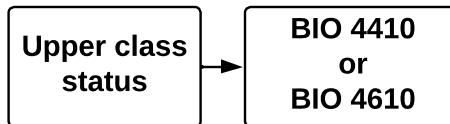
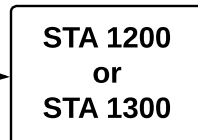
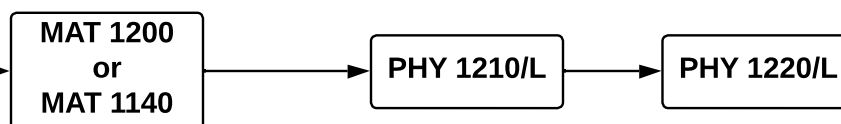
**20-21 Units Major Electives**

Choose any course from the five emphases & up to 3 units combined from the unused BIO 4410/4610, BIO 4000, or BIO 4620.



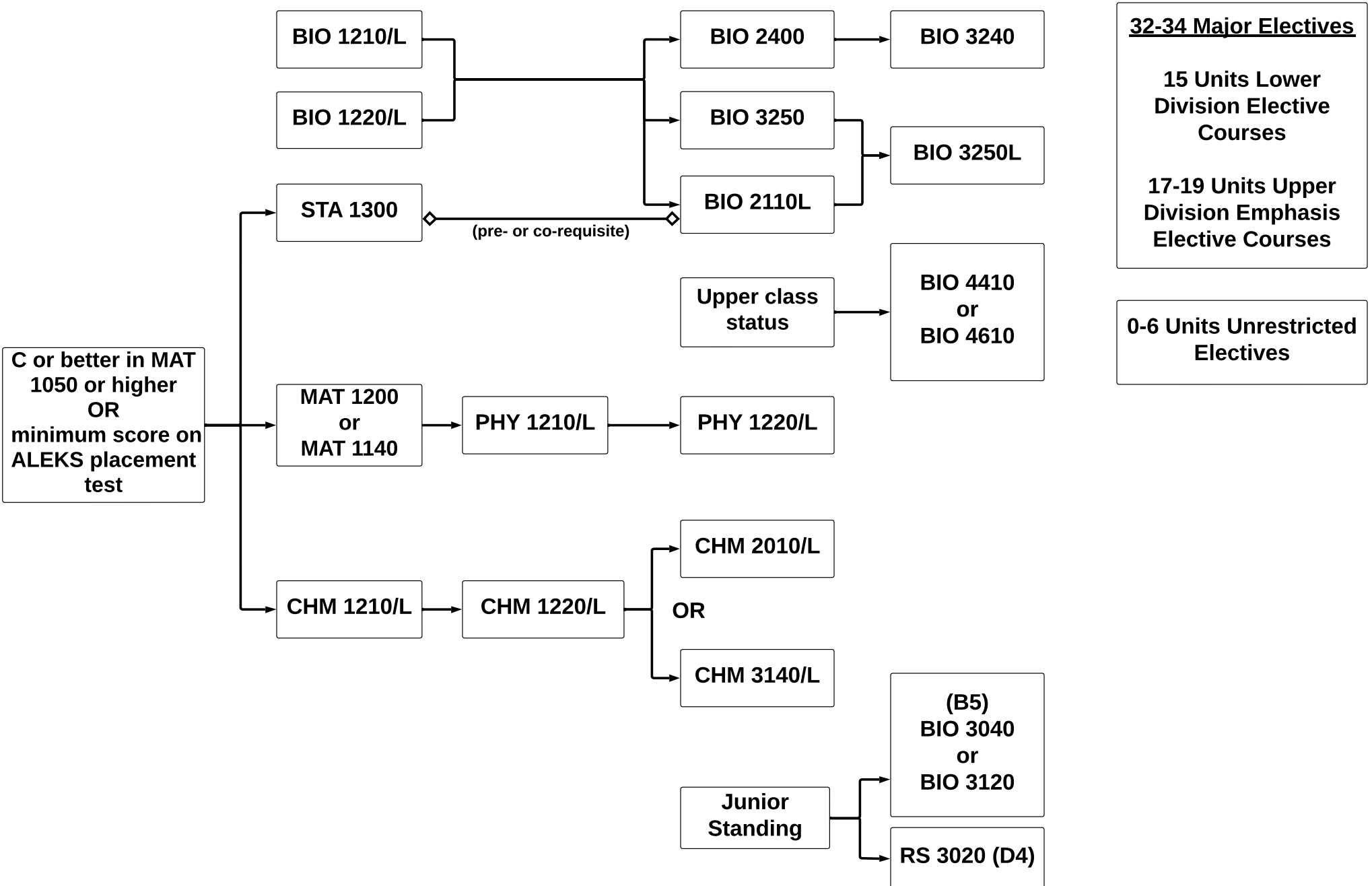
See available BIO courses for GE Area B5

C or better in MAT 1050 or higher OR minimum score on ALEKS placement test



If you take both BIO 2200/BIO 2200 L and CHM 2210/CHM 2210 L, or if you take both BIO 4320/BIO 4320L and BIO 4360/BIO 4360L, the extra credits could count towards your Major Electives units.

# Environmental Biology



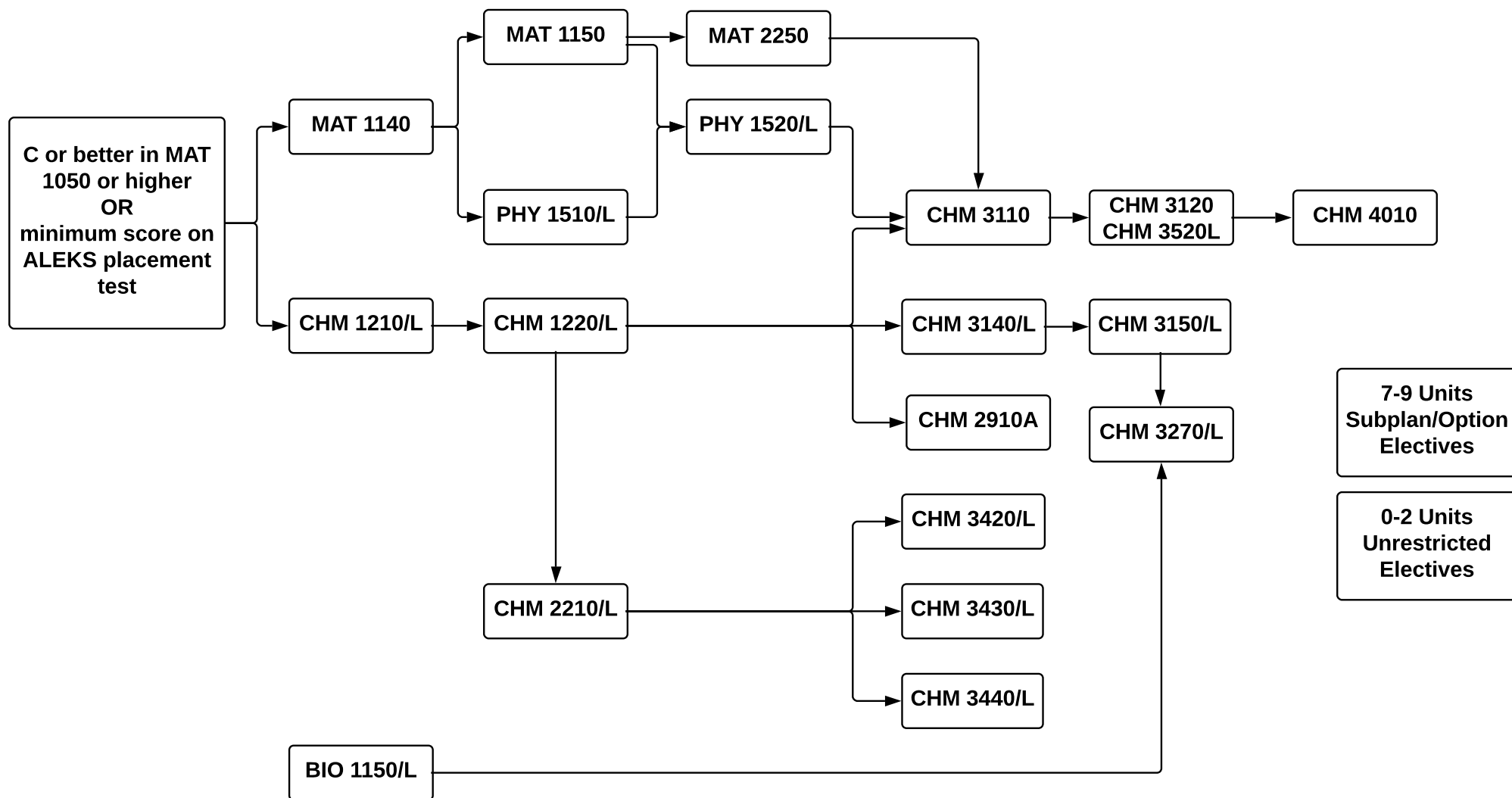
**32-34 Major Electives**

15 Units Lower Division Elective Courses

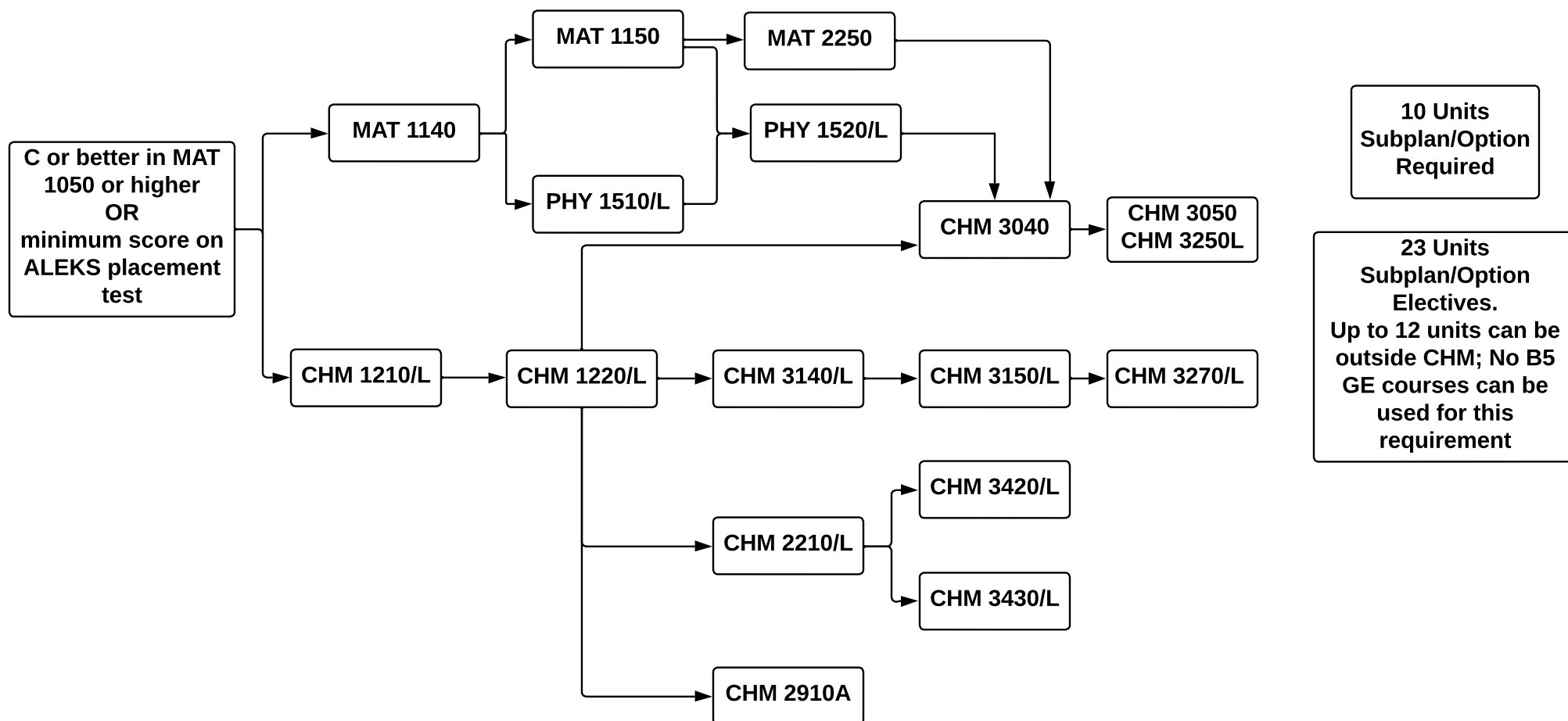
17-19 Units Upper Division Emphasis Elective Courses

0-6 Units Unrestricted Electives

# Chemistry: ACS



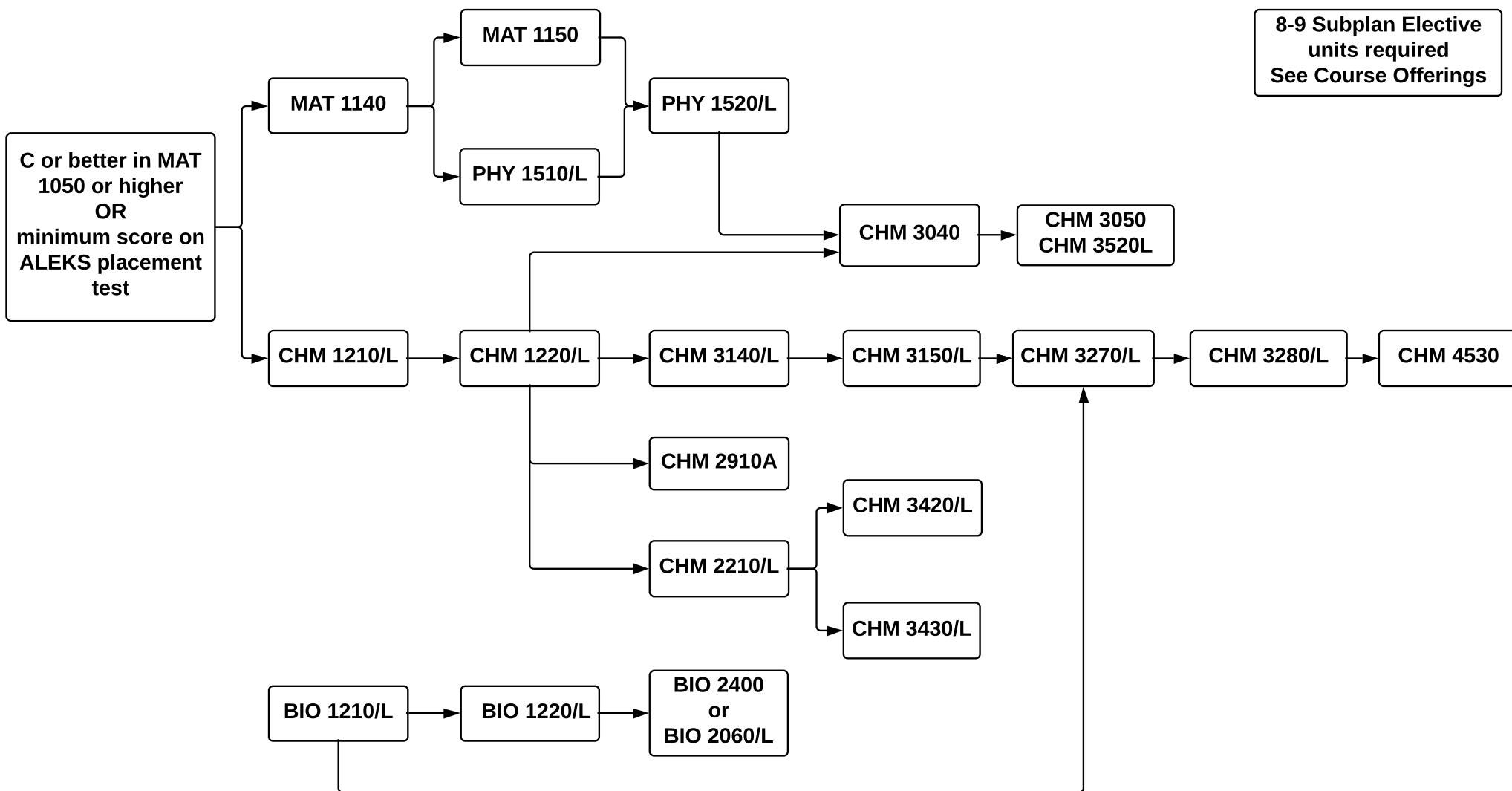
# Chemistry: General



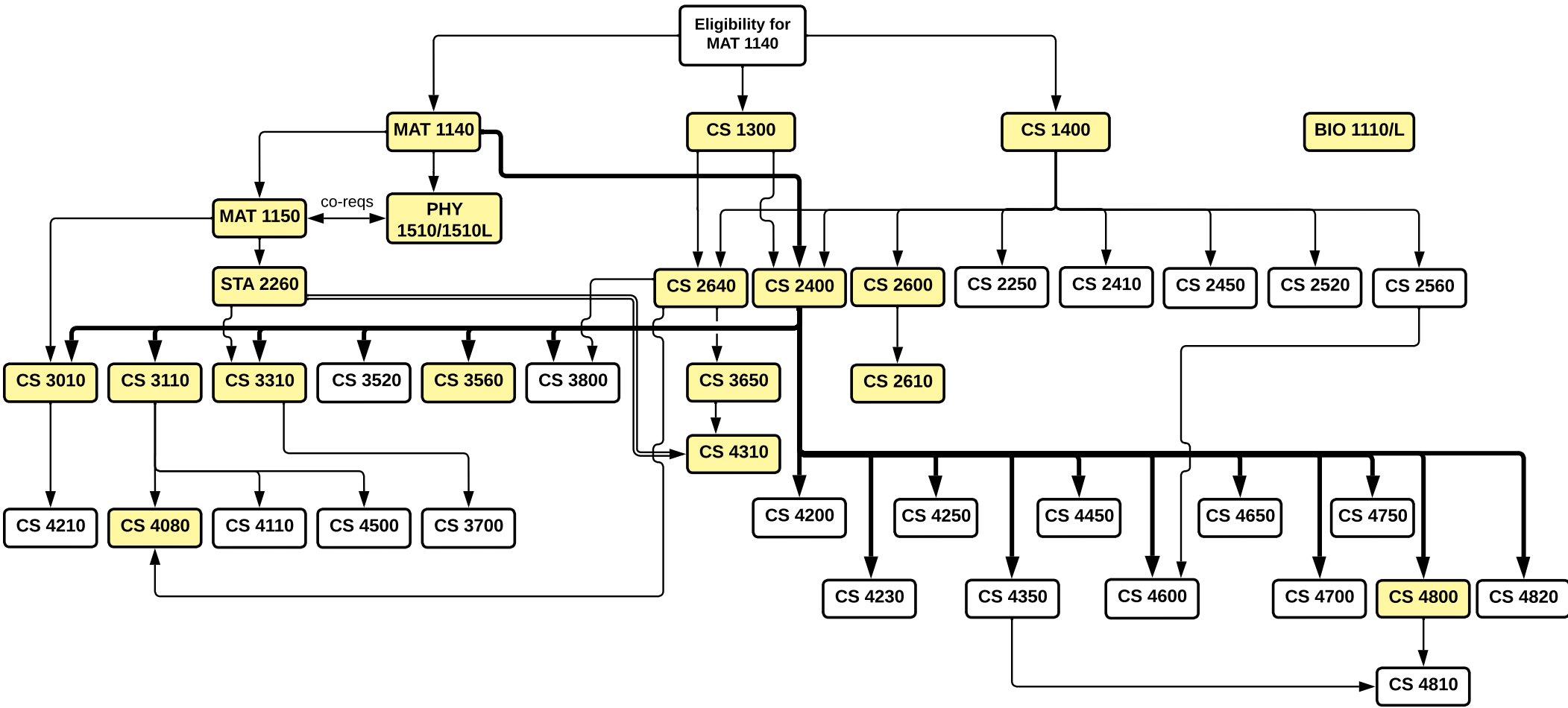
**10 Units  
 Subplan/Option  
 Required**

**23 Units  
 Subplan/Option  
 Electives.  
 Up to 12 units can be  
 outside CHM; No B5  
 GE courses can be  
 used for this  
 requirement**

# Chemistry: Biochemistry

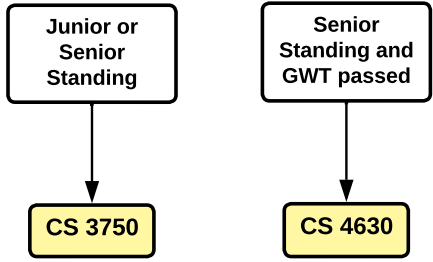


# Computer Science



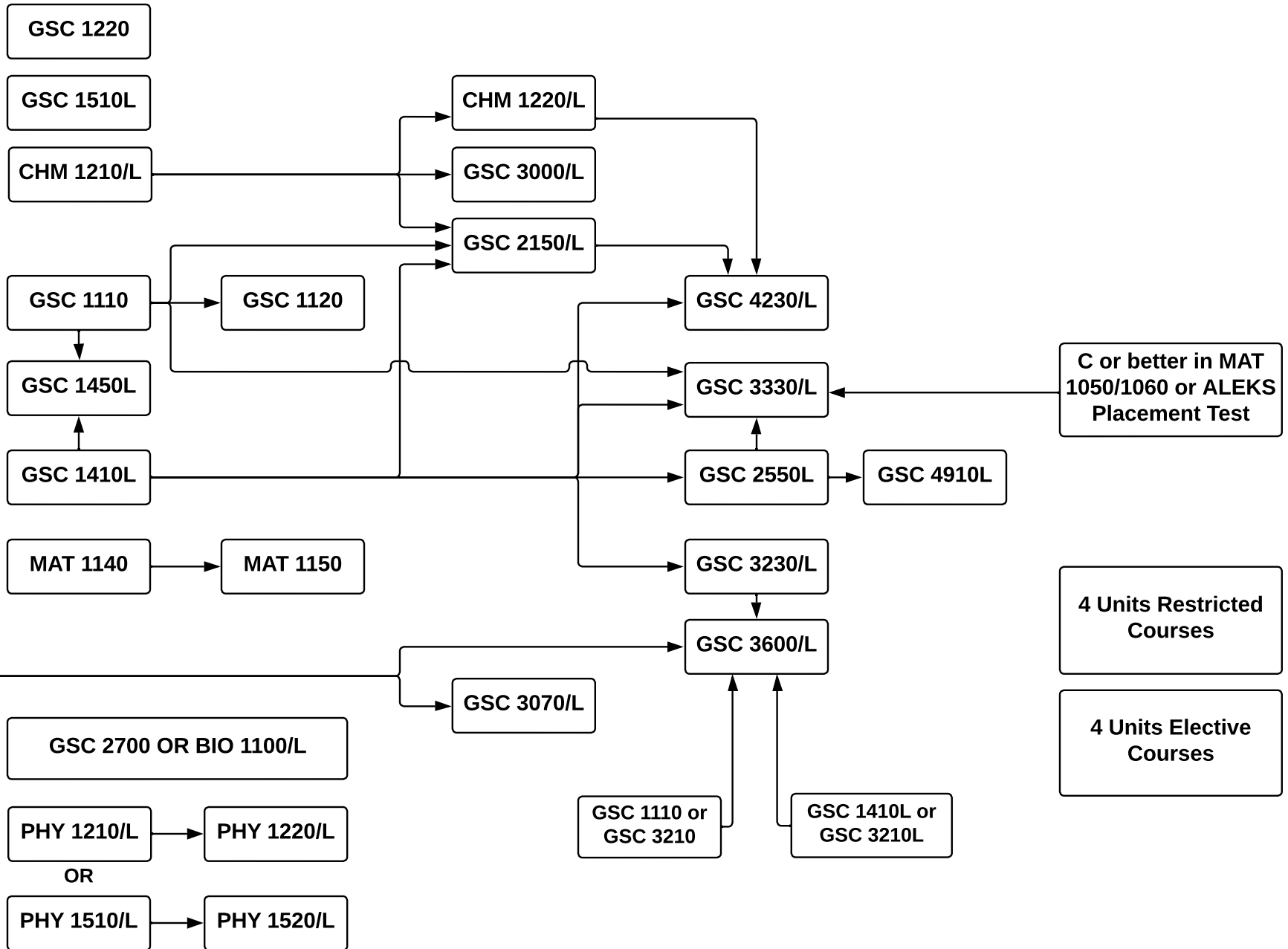
**67 Major Units Required**  
 Highlighted by yellow boxes

**17 Elective Units Required**  
 Elective courses to be chosen  
 from among the white boxes

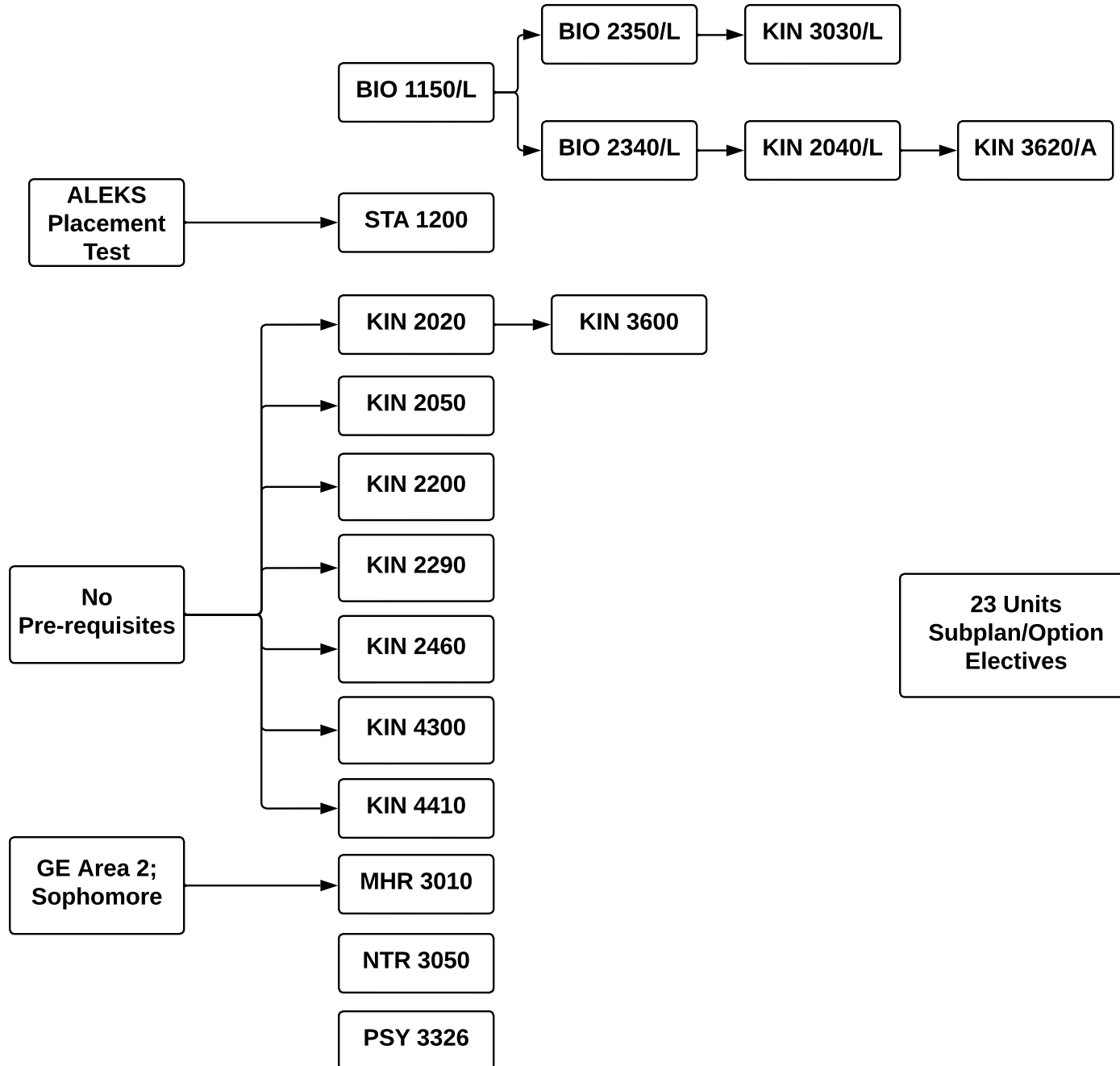




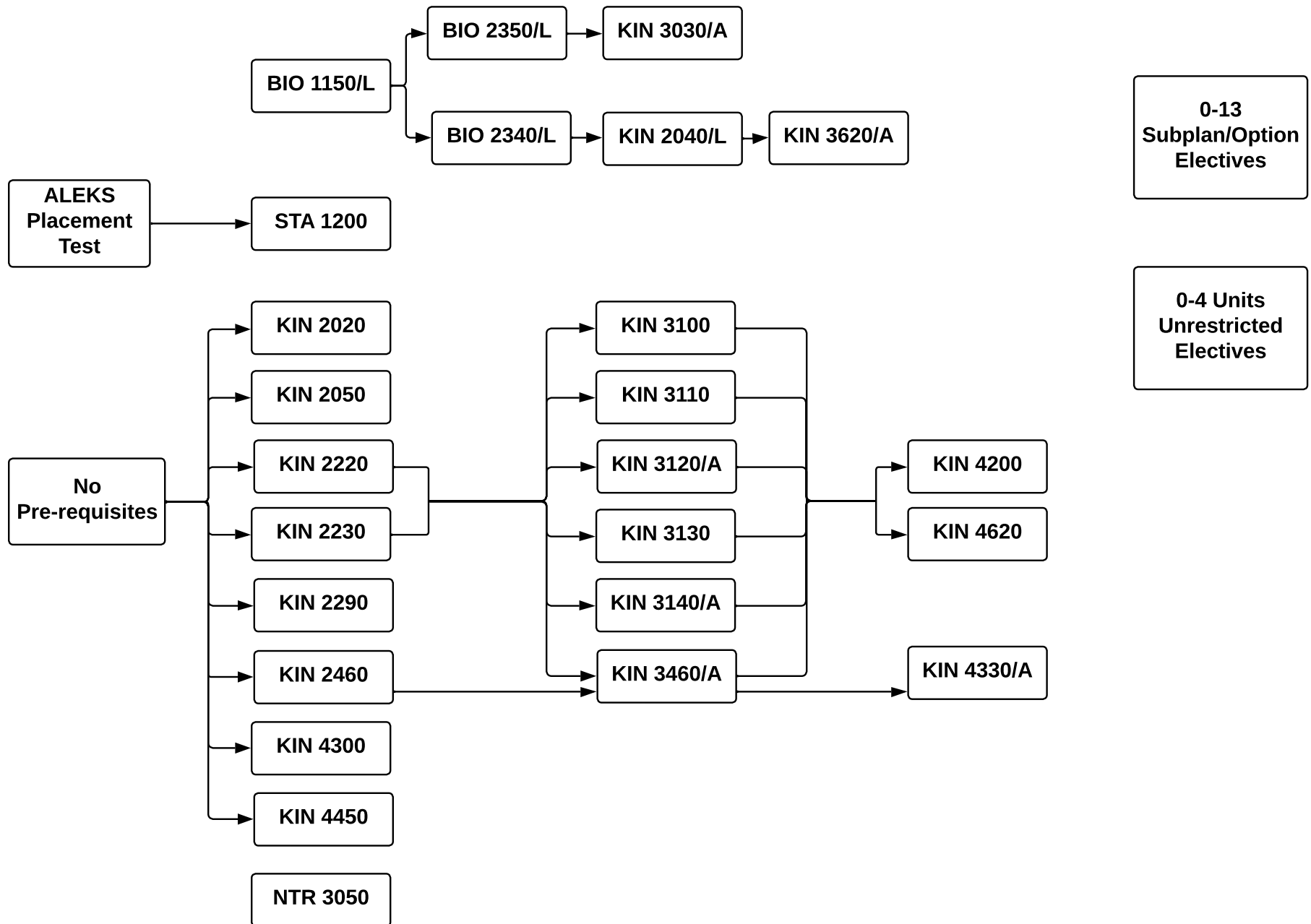
# Geological Sciences



# Kinesiology: General

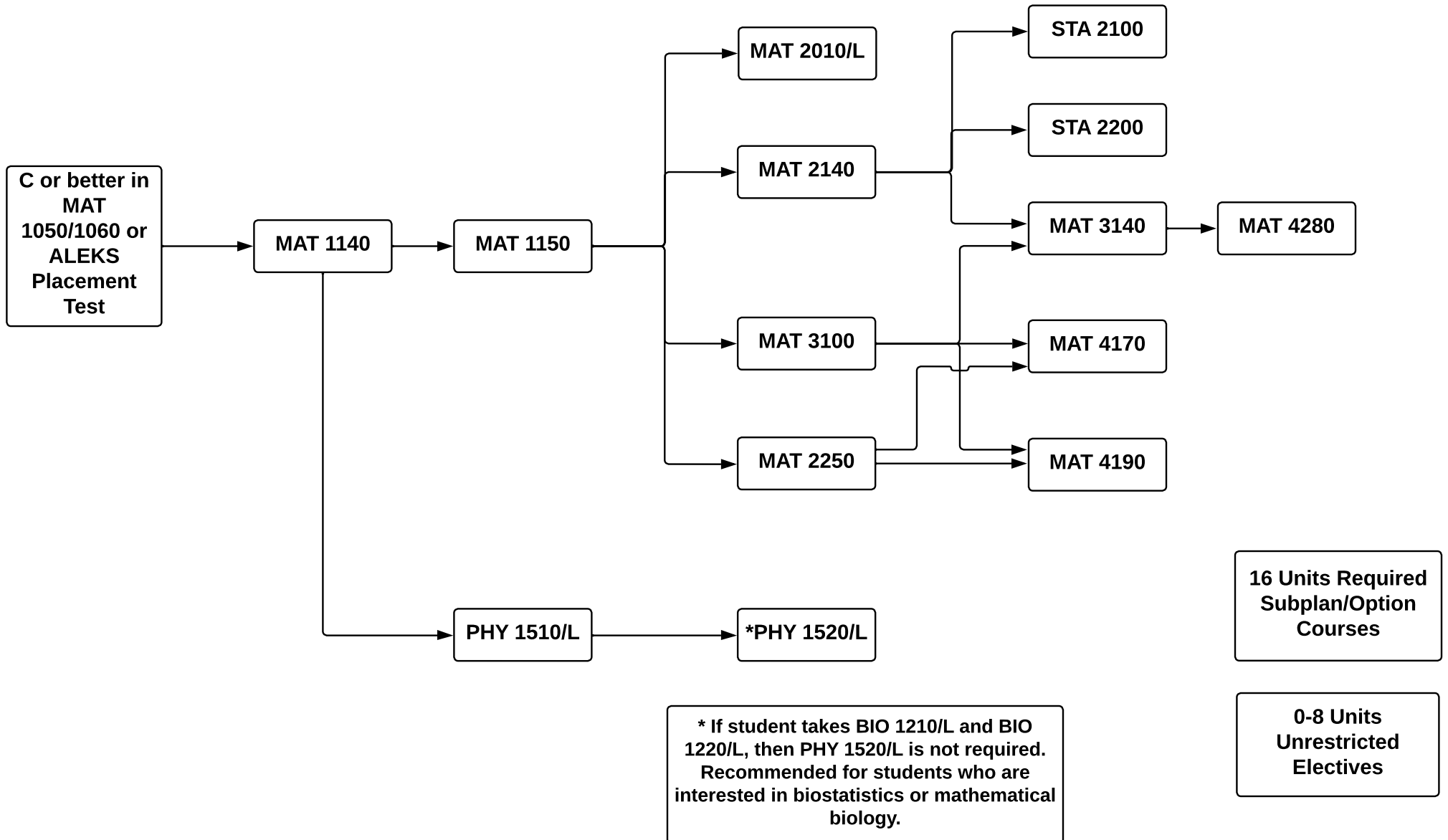


# Kinesiology: Pedagogy



# Mathematics

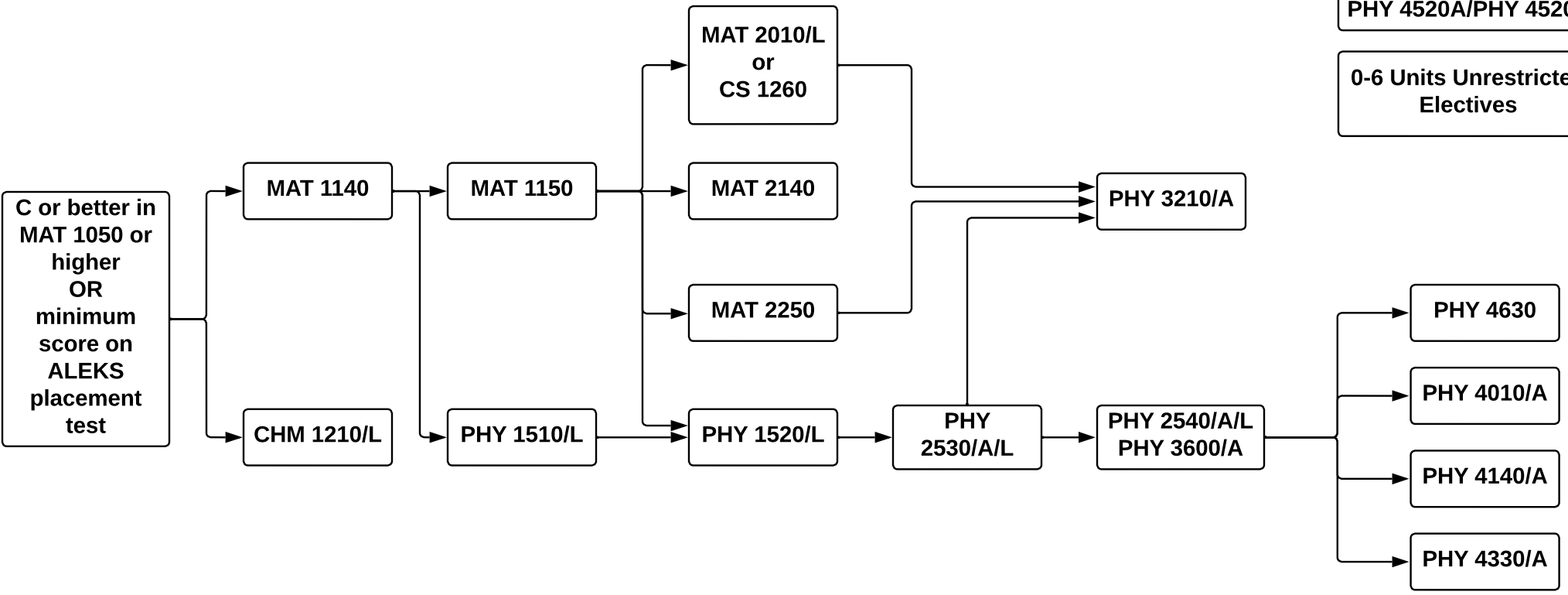
## All Options



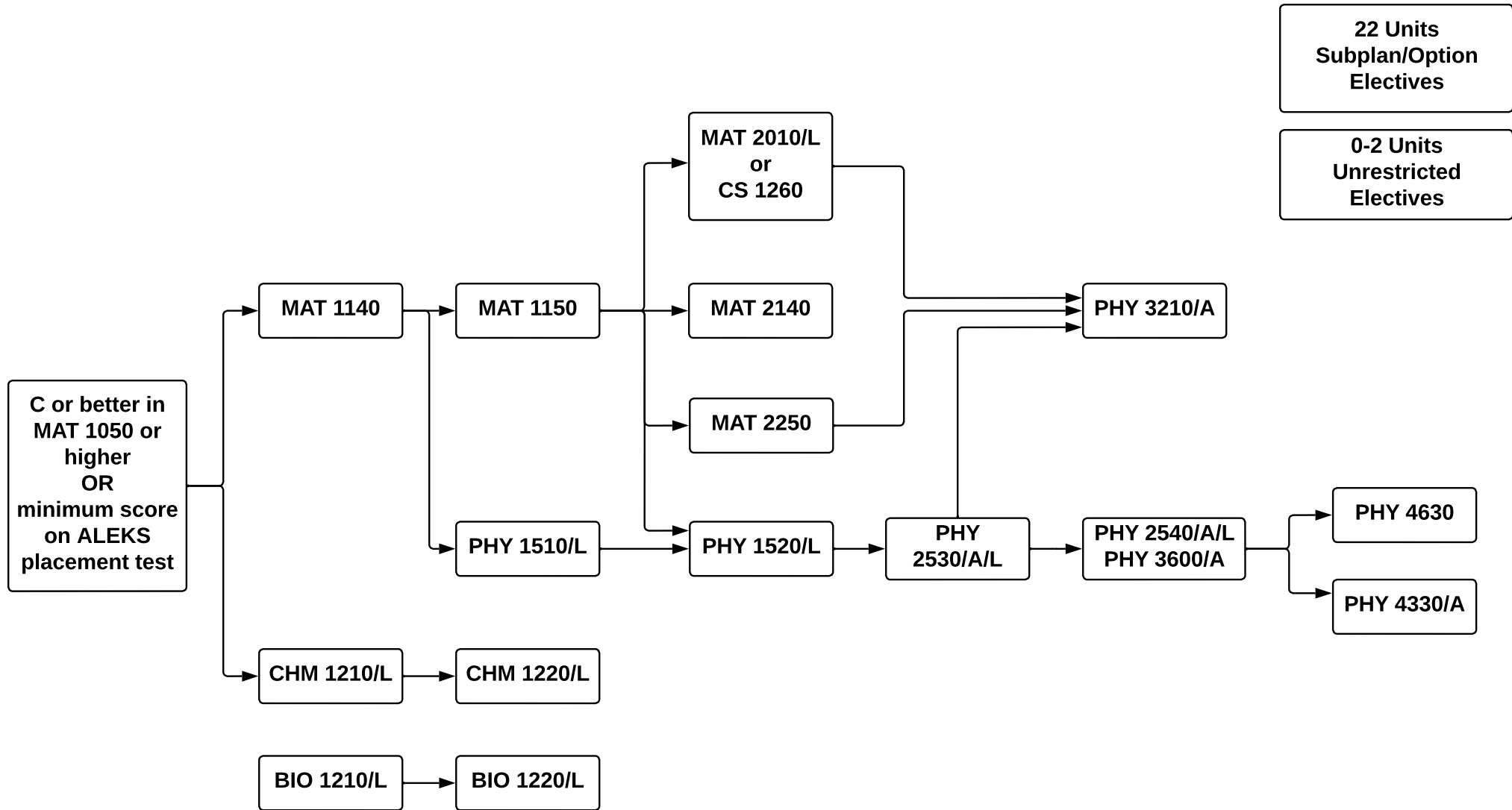
# Physics: General

14 Units Subplan  
 Option/Electives;  
 at least 2 units from  
 PHY 4510A/PHY 4510L  
 or from  
 PHY 4520A/PHY 4520L

0-6 Units Unrestricted  
 Electives



# Physics: Biophysics



# Physics: Integrated Science

