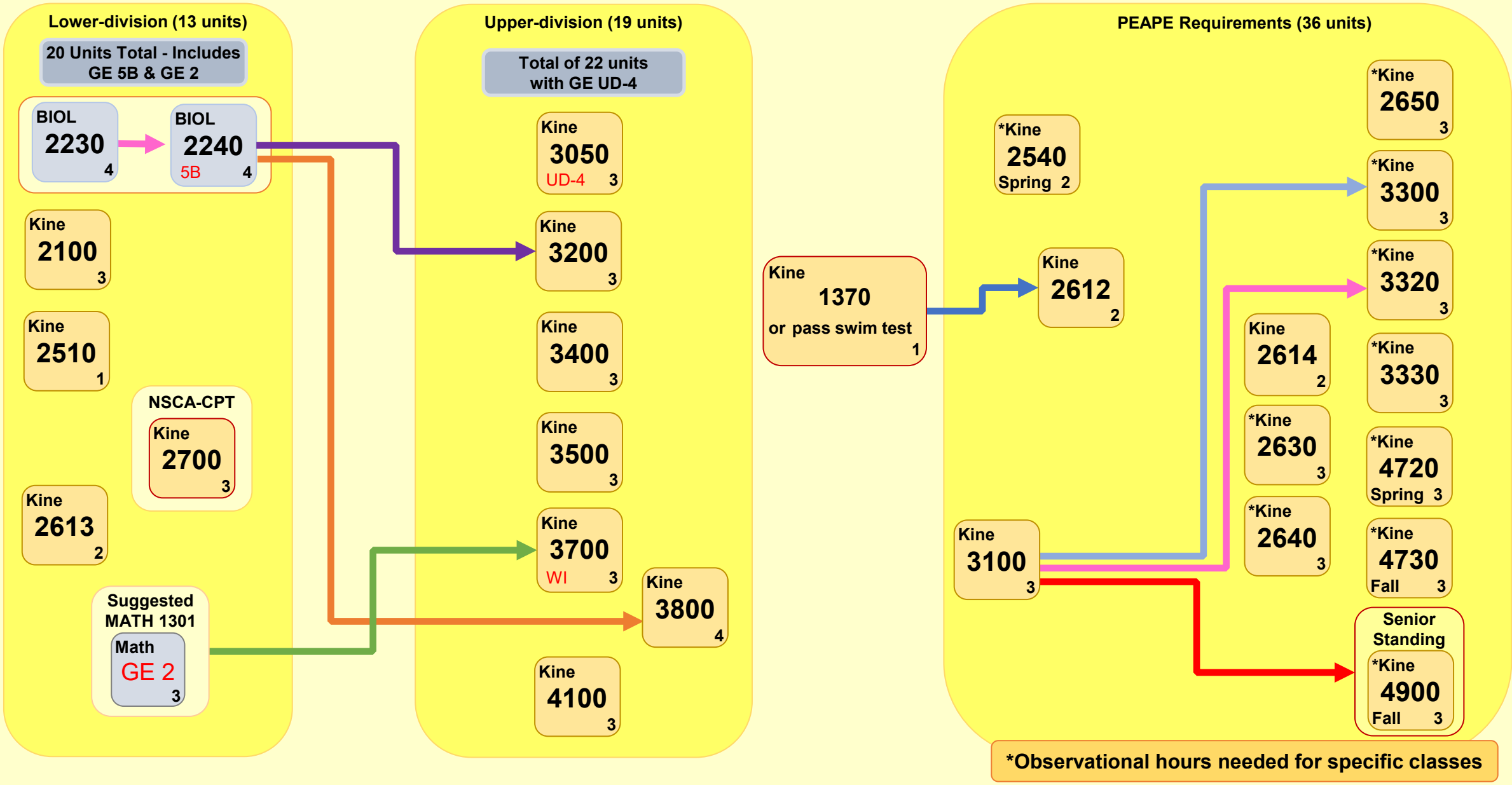
Kinesiology Department KineWays

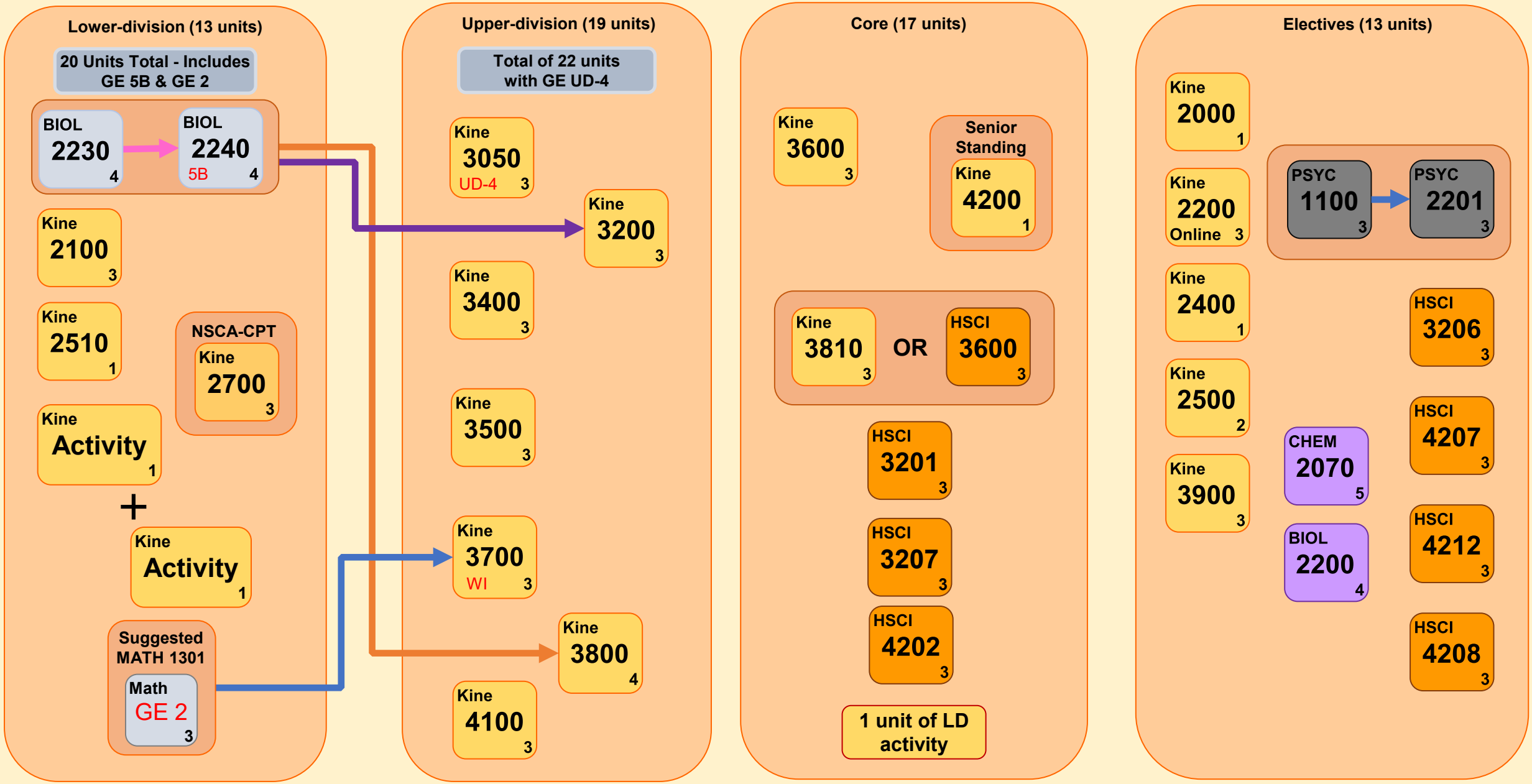
Course Prerequisites (Fall 2026)

Each Kinesiology concentration follows a specific prerequisite pattern. Students must complete courses in the appropriate sequence to meet prerequisite requirements and remain on track within their concentration.

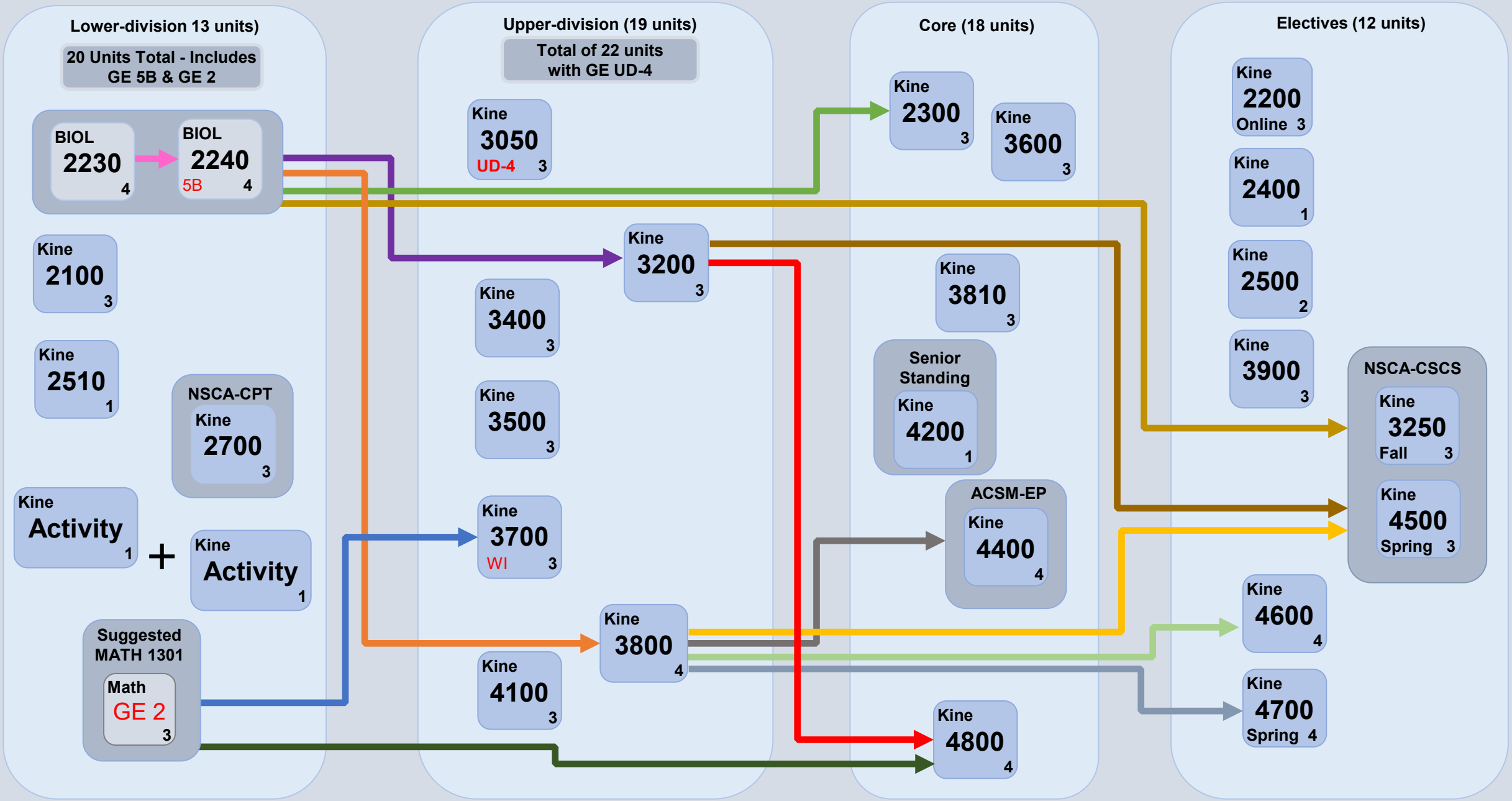
Physical Education & Adapted Physical Education



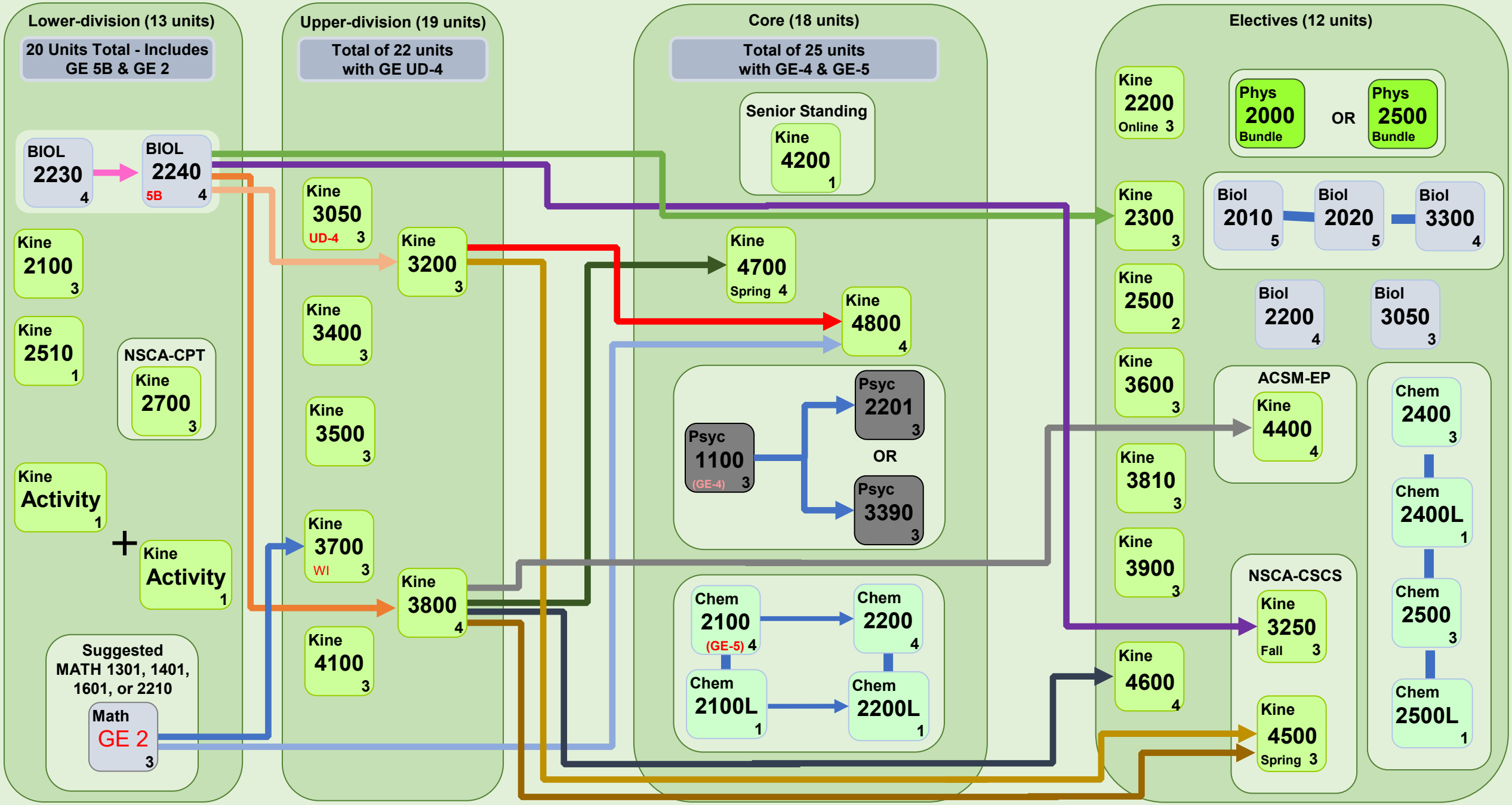
Health Promotion



Exercise Science



Allied Health Professions



Allied Health Professions - Chemistry and Biology

CHEM 2100 Entrance Requirements

One year of high school chemistry and three years of high school mathematics (or equivalents), and either:

- MATH 1401 and MATH 1403 completed, OR
- MATH 1601, or MATH 2210, as a pre-or co-requisite.

Contact the Math Department Chair, Madeleine Jetter mjetter@csusb.edu about Math Department related questions.

For chemistry-related questions contact Daid Maynard Chemistry department chair: dmaynard@csusb.edu

Core

General Chemistry 1

Chem 2100 4

Chem 2100L 1

C or better

Prerequisite

General Chemistry 2

Chem 2200 4

Chem 2200L 1

Pre- or Co-req

Also Requires one of the following math courses: 1301,1401,1601,2210, or 2220

Prerequisite: BIOL 1000 strongly recommended.

Electives

Principles of Biology 1 & 2 — Genetics

Biol 2010 5

Biol 2020 5

Biol 3300 4

Organic Chemistry 1 & 2 with Labs

Chem 2400 3

Chem 2400L 1

Chem 2500 3

Chem 2500L 1

Microbiology for AHP

Biol 2200 4

Human Genetics and Genomics

Biol 3050 3

Allied Health Professions - Math and Introduction to Physics Bundle

Math 1301 GE B4

or

Math 1302 + 1303 GE B4

or

Math 1401 GE B4

or

Math 1402 GE B4

Consider Graduate Program when choosing which Physics is needed

Math 1601 GE B4

or

Math 2210 GE B4

Math 1401 GE B4

or

Math 1402 +1403 GE B4

or

Math ALEKS Exam GE B4

PHYS 2000 GE B1

corequisite

PHYS 2000L

PHYS 2010

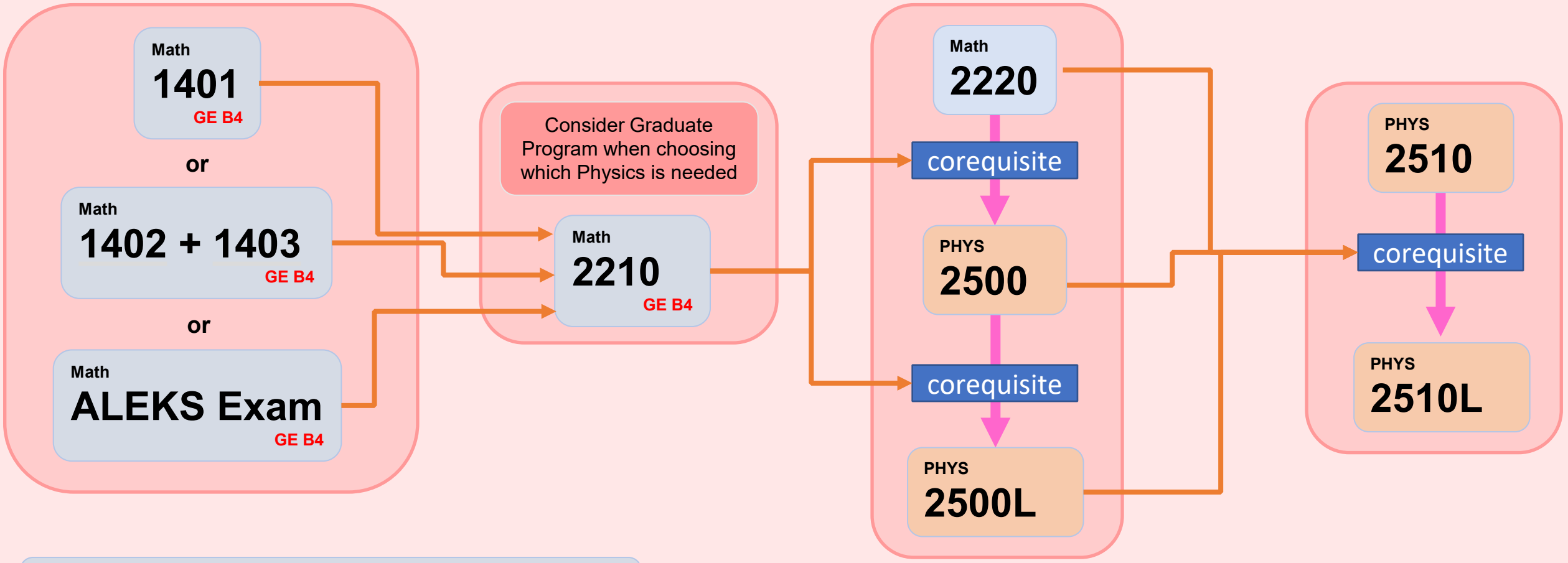
corequisite

PHYS 2010L

Contact the math department chair, Madeleine Jetter mjetter@csusb.edu about math related questions.

Contact physics advising coordinator, Dr. Sara Callori sara.callori@csusb.edu about physics related questions.

Allied Health Professions – Math and General Physics Bundle



Contact the math department Chair, Madeleine Jetter mjetter@csusb.edu about math related questions.

Contact Physics advising coordinator, Dr. Sara Callori sara.callori@csusb.edu about physics related questions.