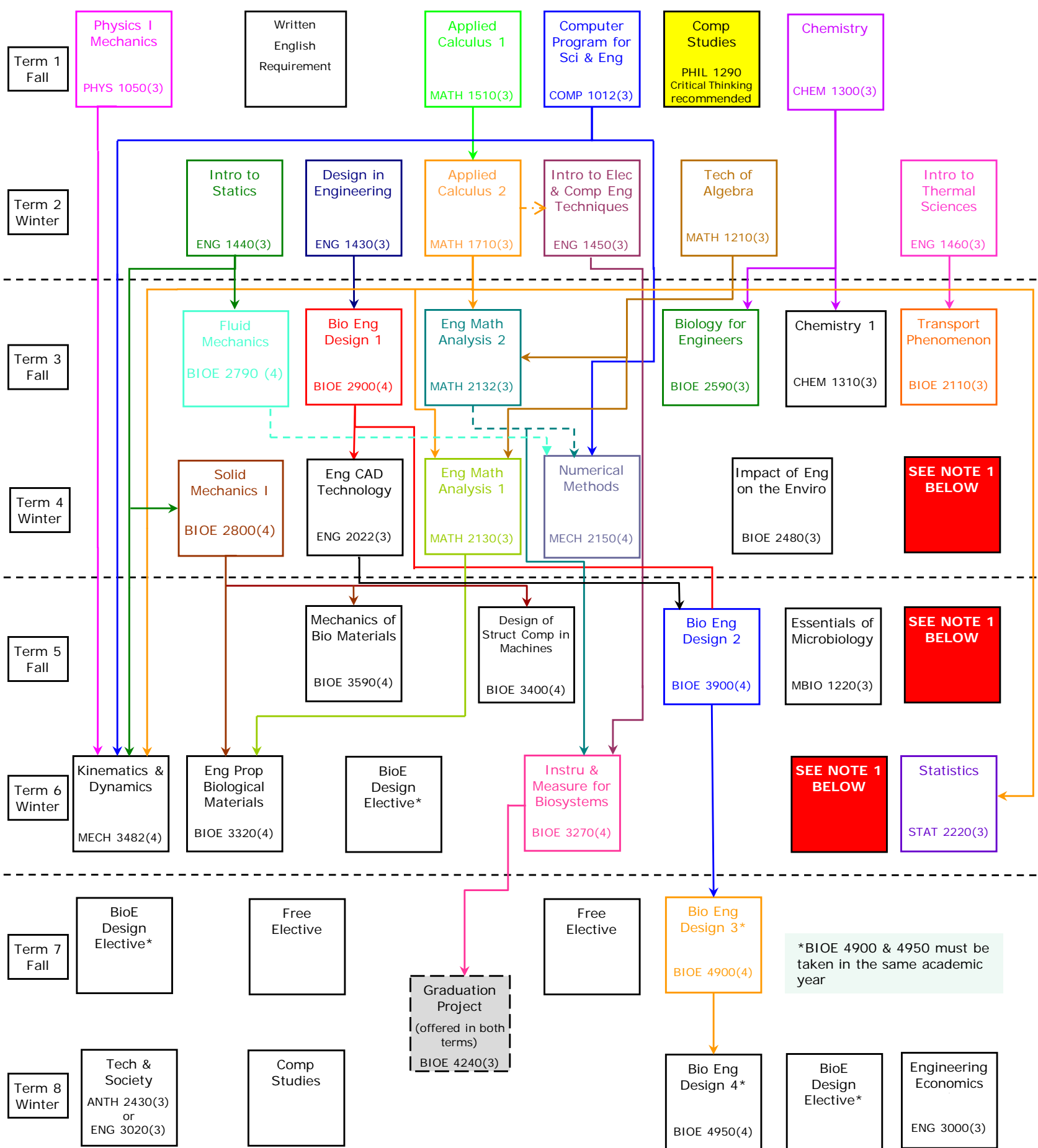


# BIOSYSTEMS ENGINEERING: EXAMPLE OF AN 8-TERM PROGRAM

\*Pre- and co-requisites for Biosystems Engineering Science and Design Electives are dependent on course selection



## BIOE Design Electives are typically offered in a Two-Year Rotation

### Fall Term – Odd Years

BIOE 4390 Unit Operations 1  
 BIOE 4610 Design of Assistive Technology Devices  
 BIOE 4600 Design of Water Management System

### Fall Term – Even Years

BIOE 4440 Bioprocessing for Biorefining  
 BIOE 4620 Remediation Engineering  
 BIOE 4640 Bioengineering Applications in Medicine

### Winter Term – Even Years

BIOE 4412 Design of Light-Frame Building  
 BIOE 4460 Air Pollution Assessment & Management  
 BIOE 4414 Imaging & Spectroscopy for Biosystems

### Winter Term – Odd Years

BIOE 4420 Crop Preservation  
 BIOE 4700 Alternative Building Design  
 BIOE 4590 Management of By-Products from Animal Production

**NOTE 1:** Choose one of the two options:  
**Option 1:** BIOL 1410(F)  
 BIOL 1412(W) (prereq: BIOL 1410)  
 Comp Studies Elect  
**OR**  
**Option 2:** BIOE 2600(W) (prereq: BIOE 2590)  
 SOIL 4060(W) (prereq: BIOE 2110)  
 Comp Studies Elect

→ prerequisite    - - - → corequisite