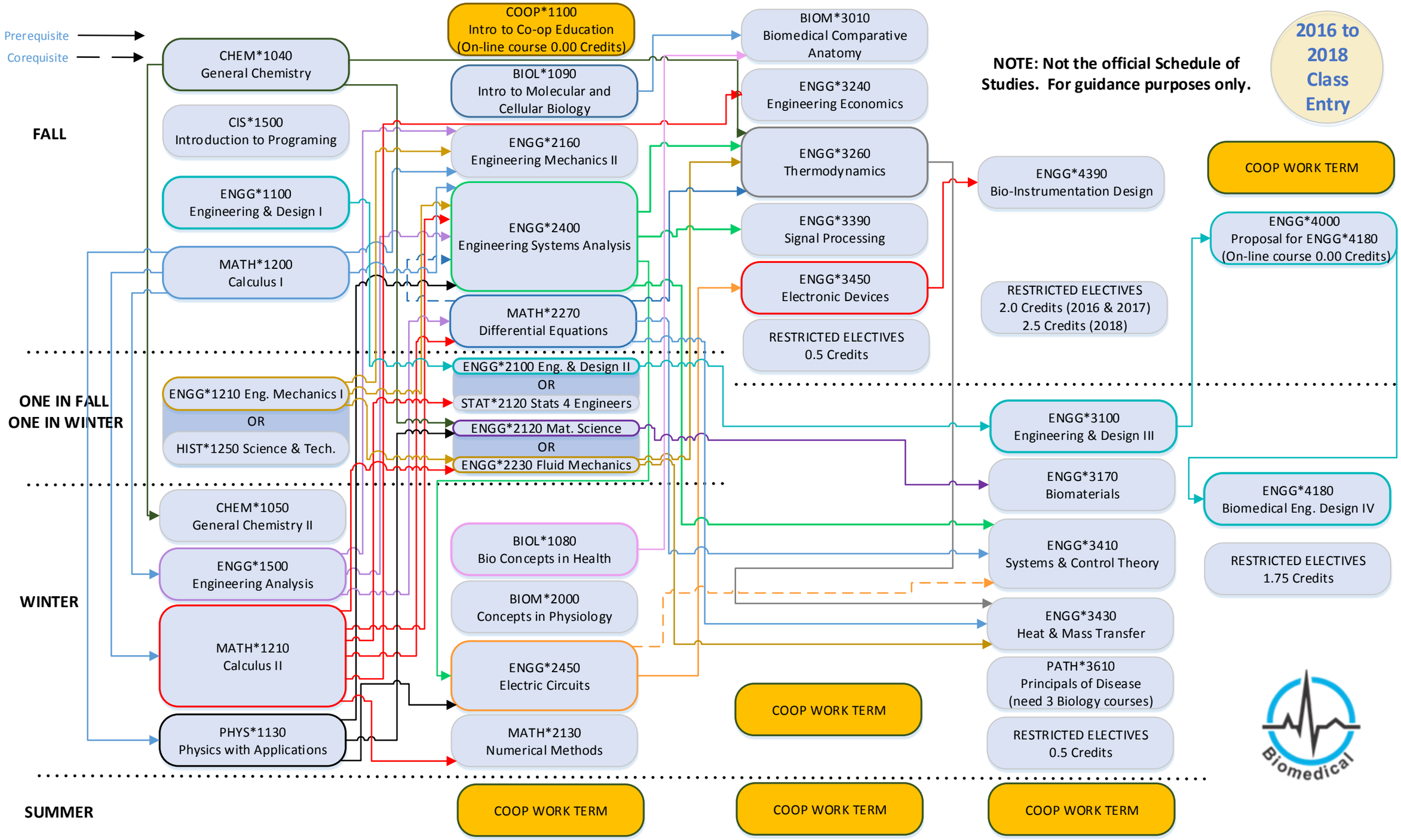
Prerequisite
Corequisite
FALL
ONE IN FALL
ONE IN WINTER
WINTER
SUMMER
CHEM*1040 General Chemistry
CIS*1500 Introduction to Programing
ENGG*1100 Engineering & Design I
MATH*1200 Calculus I
ENGG*1210 Eng. Mechanics I
OR
HIST*1250 Science & Tech.
CHEM*1050 General Chemistry II
ENGG*1500 Engineering Analysis
MATH*1210 Calculus II
PHYS*1130 Physics with Applications
COOP*1100 Intro to Co-op Education (On-line course 0.00 Credits)
BIOL*1090 Intro to Molecular and Cellular Biology
ENGG*2160 Engineering Mechanics II
ENGG*2400 Engineering Systems Analysis
MATH*2270 Differential Equations
ENGG*2100 Eng. & Design II
OR
STAT*2120 Stats 4 Engineers
ENGG*2120 Mat. Science
OR
ENGG*2230 Fluid Mechanics
BIOL*1080 Bio Concepts in Health
BIOM*2000 Concepts in Physiology
ENGG*2450 Electric Circuits
MATH*2130 Numerical Methods
BIOM*3010 Biomedical Comparative Anatomy
ENGG*3240 Engineering Economics
ENGG*3260 Thermodynamics
ENGG*3390 Signal Processing
ENGG*3450 Electronic Devices
RESTRICTED ELECTIVES 0.5 Credits
ENGG*4390 Bio-Instrumentation Design
RESTRICTED ELECTIVES 2.0 Credits (2016 & 2017) 2.5 Credits (2018)
ENGG*3100 Engineering & Design III
ENGG*3170 Biomaterials
ENGG*3410 Systems & Control Theory
ENGG*3430 Heat & Mass Transfer
PATH*3610 Principals of Disease (need 3 Biology courses)
RESTRICTED ELECTIVES 0.5 Credits
COOP WORK TERM
COOP WORK TERM
COOP WORK TERM
COOP WORK TERM
COOP WORK TERM
ENGG*4000 Proposal for ENGG*4180 (On-line course 0.00 Credits)
ENGG*4180 Biomedical Eng. Design IV
RESTRICTED ELECTIVES 1.75 Credits
NOTE: Not the official Schedule of Studies. For guidance purposes only.
2016 to 2018 Class Entry
Biomedical