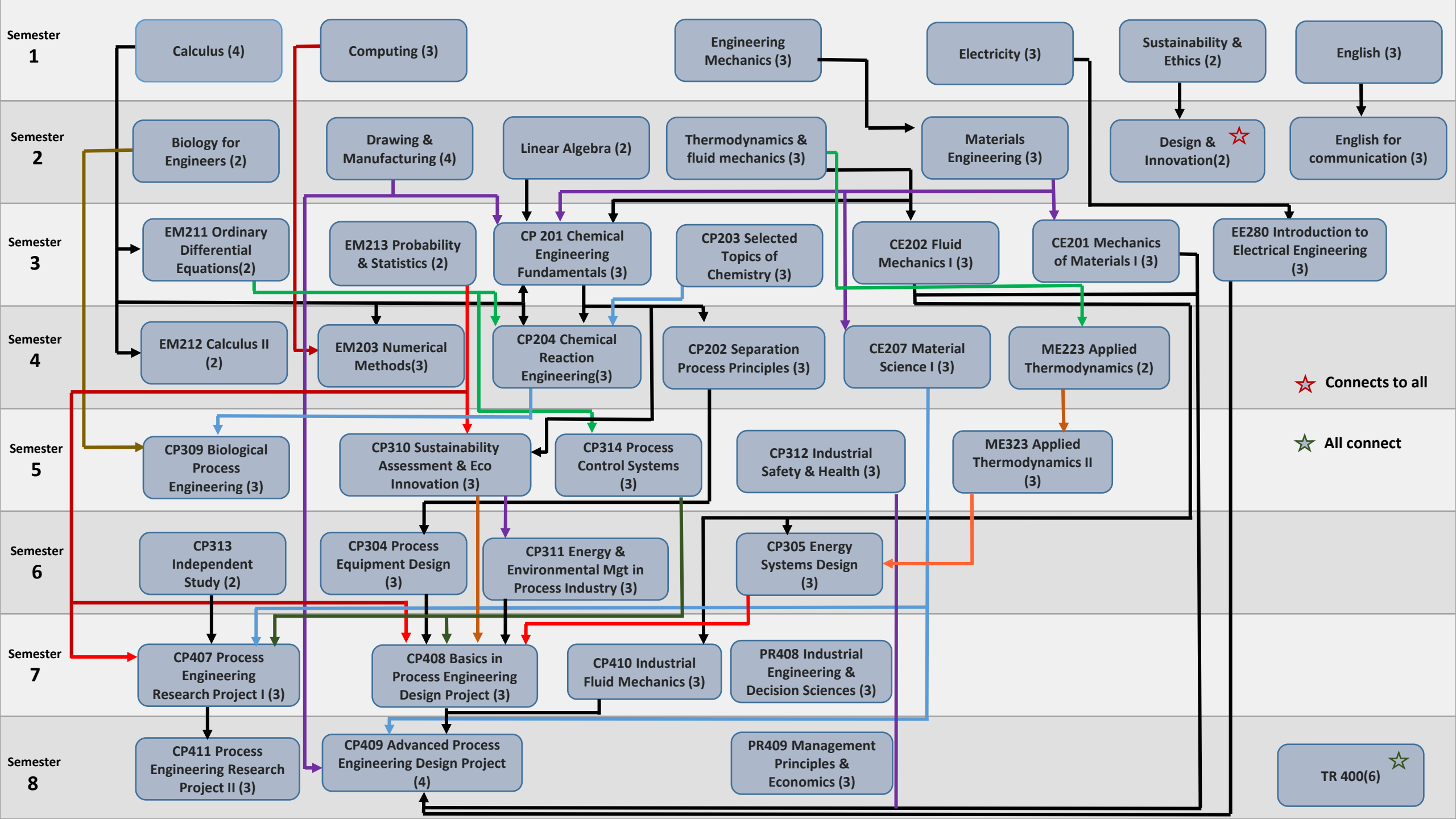
Semester 1
Calculus (4)
Computing (3)
Engineering Mechanics (3)
Electricity (3)
Sustainability & Ethics (2)
English (3)
Semester 2
Biology for Engineers (2)
Drawing & Manufacturing (4)
Linear Algebra (2)
Thermodynamics & fluid mechanics (3)
Materials Engineering (3)
Design & Innovation(2)
English for communication (3)
Semester 3
EM211 Ordinary Differential Equations(2)
EM213 Probability & Statistics (2)
CP 201 Chemical Engineering Fundamentals (3)
CP203 Selected Topics of Chemistry (3)
CE202 Fluid Mechanics I (3)
CE201 Mechanics of Materials I (3)
EE280 Introduction to Electrical Engineering (3)
Semester 4
EM212 Calculus II (2)
EM203 Numerical Methods(3)
CP204 Chemical Reaction Engineering(3)
CP202 Separation Process Principles (3)
CE207 Material Science I (3)
ME223 Applied Thermodynamics (2)
Connects to all
Semester 5
CP309 Biological Process Engineering (3)
CP310 Sustainability Assessment & Eco Innovation (3)
CP314 Process Control Systems (3)
CP312 Industrial Safety & Health (3)
ME323 Applied Thermodynamics II (3)
All connect
Semester 6
CP313 Independent Study (2)
CP304 Process Equipment Design (3)
CP311 Energy & Environmental Mgt in Process Industry (3)
CP305 Energy Systems Design (3)
Semester 7
CP407 Process Engineering Research Project I (3)
CP408 Basics in Process Engineering Design Project (3)
CP410 Industrial Fluid Mechanics (3)
PR408 Industrial Engineering & Decision Sciences (3)
Semester 8
CP411 Process Engineering Research Project II (3)
CP409 Advanced Process Engineering Design Project (4)
PR409 Management Principles & Economics (3)
TR 400(6)