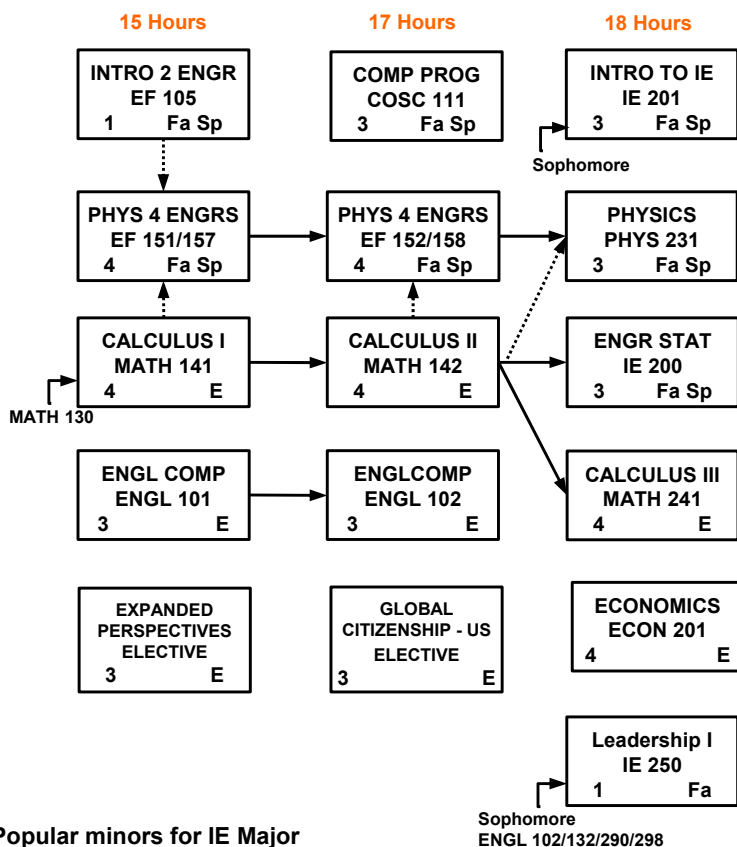
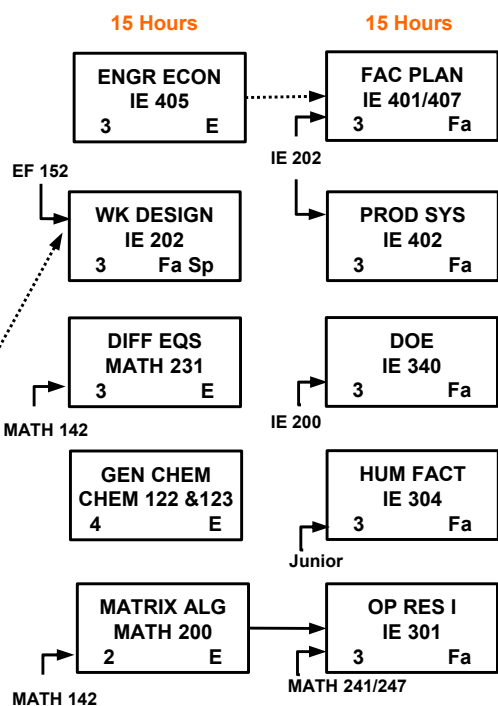


Industrial Engineering Undergraduate Curriculum Flow Chart, Fall 2023

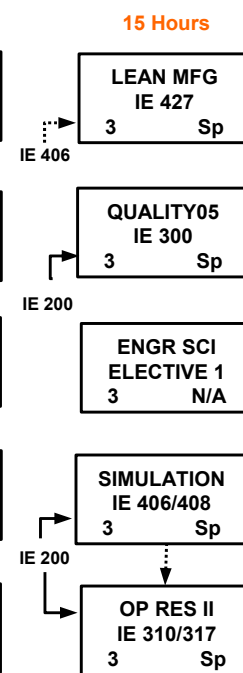
FIRST YEAR (32 HOURS)



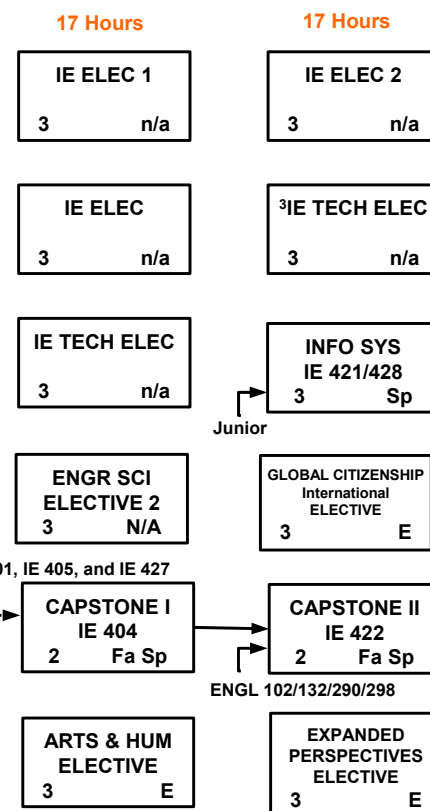
SECOND YEAR (33 HOURS)



THIRD YEAR (30 Hours)



FOURTH YEAR (34 Hours)



Popular minors for IE Major

Reliability and Maintainability Engineering
Business Administration
Engineering Entrepreneurship
Engineering Management
Data Science

Popular IE and Tech Electives

IE 430 – Supply Chain Engineering, Fall only
IE 483 – Introduction to Reliability Engineering, Fall only
IE 457 – Engineering Entrepreneurship, Fall only
IE 452 – Project Planning and Organizational Mgmt, Fall only
IE 423 – Industrial Safety, Spring only
IE 484 – Introduction to Maintainability Engineering, Spring only
IE 465 – Applied Data Science, Spring only

Other Popular Tech Electives (often these have pre-reqs)

ENT 350 – Introduction to Entrepreneurship
MARK 300 – Marketing and Supply Chain Mgmt
MGT 300 – Organizational Mgmt
FINC 300 – Fundamentals of Finance
DSGN 430 – Design Thinking and Innovation
DATA 301 – Data Stewardship and Ethics
400-level ENT classes (Entrepreneurship)
300-level ECON classes (Economics)
300 or 400-level engineering classes from other disciplines

Popular Engineering Science Electives

ECE 301 – Circuits and Electro Mechanical Components
MSE 201 – Introduction to Materials Science and Engineering
DATA 201 – Data Knowledge and Discovery
ME 202 – Engineering Mechanics
and IE 130 – Survey of Engineering Entrepreneurship
or EF 230 – Computer Solution of Engineering Problems
ME 231 – Dynamics
ME 331 – Thermodynamics

Updated May 9, 2022

