

Cate Rymer Curriculum Plan

First Year

Fall – 16.00 credits

Chem 30	Introduction to Chemical Principles	4.00 credits
Eco 001	Principles of Economics	4.00 credits
English 011	Literature Seminar First-Year Students	3.00 credits
IBE Seminar	Weekly seminar developing first year's professional skills	1.00 credits
Math 023	Calculus III	4.00 credits

Spring – 16.00 credits

IBE Freshman Workshop	Theoretically creating a product and company to address an issue related to a certain topic	3.00 credits
Engineering 010	Introduction to different fields of engineering as a whole	2.00 credits
Business 5	Business Ethics	1.00 credits
Physics 21 and 22	Physics II with Lab	5.00 credits
HSS Elective #1		3.00 credits
Mech 3	Elementary Engineering	3.00 credits

Second Year

Fall – 17.00 credits

IBE 150	Sophomore IBE Lab	1.00 credits
Math 231	Probability and Statistics	3.00 credits
ME 21	Mechanical Engineering Lab 1	1.00 credits
Acct 151	Introduction to Accounting	3.00 credits
Free Elective #1		3.00 credits
Eco 029	Money and Banking	3.00 credits
ME 10	Graphics for Engineering	3.00 credits

Spring – 18.00 credits

ME 104	Thermodynamics	3.00 credits
Mech 12	Strength of Materials	3.00 credits
Eco 146	Applications of Microeconomics	3.00 credits
HSS Elective #2		3.00 credits

Acct. 152	Introduction to Managerial Accounting	3.00 credits
Math 205	Linear Systems	3.00 credits

Summer Session

6.00 credits

Free Elective #2		3.00 credits
ME Elective A		3.00 credits

Third Year

Fall – 17.00 credits

IBE 250	Junior year IBE Seminar	1.00 credits
Mech 102	Dynamics	3.00 credits
Fin 125	Introduction to Finance	3.00 credits
Ece 83	Principles of Electrical Engineering	3.00 credits
Comm 160	Public Speaking	4.00 credits
Bis 111	Business Information Systems	3.00 credits

Spring – 16.00 credits

ME 231	Fluid Mechanics	3.00 credits
ME 121	MechE Lab II	1.00 credits
ME 240	Manufacturing	3.00 credits
Mkt 111	Principles of Marketing	3.00 credits
Free Elective #3		3.00 credits
IBE 380	IBE Capstone Design	3.00 credits

Fourth Year

Fall – 17.00 credits

ME 207	MechE Lab III	2.00 credits
IBE 385	IBE Capstone Design	3.00 credits
ME 242 or 252	ME Systems or Mechanics	3.00 credits
ME 321	Introduction to Heat Transfer	3.00 credits
Law 201	Legal Environment of	3.00 credits
Mgmt 111	Management of	3.00 credits

Spring – 18.00 credits

Mat 33	Engineering Materials	3.00 credits
Ece 162	Electrical Lab	1.00 credits
ME Senior Lab II	ME 208, 210, or 389	2.00 credits
ME Elective B	ME or Mech 300 level excluding ME 310	3.00 credits
ME Elective C	Approved Technology	9.00 credits