

EMAT 2016

7/1/2016

ENGINEERING MATHEMATICS

[Joint Engineering program with University of Kentucky]

MAJOR REQUIREMENTS (78)

__ 3	CHE	121	Gen College Chemistry I
__ 1	CHE	123	Gen College Chemistry Lab I
__ 3	CHE	122	Gen College Chemistry II
__ 1	CHE	124	Gen College Chemistry Lab II
__ 4	CSC	121	Data Science I
__ 0	CSC	121L	Data Science I Lab
__ 4	MAT	181	Calculus I
__ 0	MAT	181L	Calculus I Lab
__ 4	MAT	182	Calculus II
__ 0	MAT	182L	Calculus II Lab
__ 3	MAT	252	Diff Equations/Modeling
__ 3	MAT	271	Linear Algebra
__ 3	MAT	351	Applied Math I
__ 3	MAT	352	Applied Math II
__ 5	PHY	211	General Physics I
__ 0	PHY	211L	General Physics I Lab
__ 0	PHY	211R	General Physics I Recitation
__ 5	PHY	212	General Physics II
__ 0	PHY	212L	General Physics II Lab
__ 0	PHY	212R	General Physics II Recitation
__ 3	PSY	101	Psych & Everyday Life
__ 3	SOC	100	Intro Sociology

Choose one Culture course:

	HIS	352	History of Latin America
__ 3	MIS	330	Latin Amer Culture/Religion
	SPN	322	Culture/Civ Span America

__ 27 Plus 27 hours in chosen engineering major at University of Kentucky during 4th year (18 hours must be at 200 level or above) (Minimum cumulative GPA of 2.50 must be maintained.)

MAJOR plus FOUNDATIONS requirement of (36)

(3 hours Social Science, 3 hours Math, and 4 hours Science satisfied by required major courses.)

Plus electives needed for the 124 hour

Degree requirement (10)

(Minimum cumulative GPA of 2.50 must be maintained.)