

EMAT 2017

7/1/2017

ENGINEERING MATHEMATICS

[Joint Engineering program with University of Kentucky]

A cumulative Asbury GPA of 2.50 or higher is required for transfer to UK. Verify the required GPA for the specific engineering program.

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
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__ 3	SOC	100	Intro Sociology
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Choose one Culture course:

	HIS	352	History of Latin America
__ 3	ICS	330	The Church in Context
	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)

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 at Asbury.)