Subject	Course #	Crosslisted w/	Title	Prerequisites	Course is prerequisite for MAE ___ :	Quarter/s *Usually* Offered
MAE	**3**		Intro to Eng. Graphics and Design	Phys 2A		F, S
MAE	**8**		Matlab Programming for Eng. Analysis	Math 20A, Math 20B	107	F, W, S
MAE	**101A**		Intro Fluid Mechanics	Phys 2A, Math 20D, Math 20E	101B, 101C, 118, 119 (corequisite), 120, 122, 126A	F, W
MAE	**101B**		Advanced Fluid Mechanics	MAE 101A, MAE 110A	101C, 123	W, S
MAE	**101C**		Heat Transfer	MAE 101A, MAE 101B, MAE 105	123	F
MAE	**105**		Intro to Mathematical Physics	Phys 2A, Phys 2B, Math 20D	101C, 123	F, S
MAE	**107**		Computational Methods in Engineering	MAE 8, Math 20C, Math 18 or 20F	123	F, S
MAE	**108**		Probability and Statistical Methods for Mech. & Env. Engineering	Math 20C, Math 18 or 20F		S
MAE	**110A**		Thermodynamics	Phys 2C, CHEM 6A	101B	F, W
MAE	**118**		Intro to Energy and Environment	MAE 101A		F
MAE	**119**		Intro to Renewable Energy: Solar and Wind	MAE 101A (corequisite)		W
MAE	**120**		Intro to Nuclear Energy	MAE 101A		S
MAE	**122**		Flow and Transport in the Environment	MAE 101A	126A	F
MAE	**123**		Intro to Transport in Porous Media	MAE 101C, MAE 105, MAE 107		W
MAE	**124**	ESYS 103	Environmental Challenges: Science and Solutions	Math 20B		S
MAE	**126A**		Environmental Eng. Lab	MAE 101A, MAE 122, MAE 170	126B	W
MAE	**126B**		Environmental Eng. Design	MAE 126A		S
MAE	**130A**	SE 101A	Mechanics I: Statics	Math 20C, Phys 2A		F, W
MAE	**170**		Experimental Techniques	Phys 2CL	126A	F, S
ESYS	**101**		Environmental Biology	Ask ESYS advisor for prerequisite clearance		F
CENG	**100**		Process Modeling, and Computation in Chemical Engineering	CHEM 6B		F
CHEM	**171**		Environmental Chemistry	CHEM 6C		F

A grade of at least a C- is required in all prerequisites. All courses must be taken for a letter grade (no P/NP)