Subject	Course #	Title	Prerequisites	Course is prerequisite for MAE ___ :	Quarter/s *Usually* Offered
MAE	**3**	Intro to Eng. Graphics and Design	Phys 2A (or 4A)		F, S
MAE	**8**	Matlab Programming for Eng. Analysis	Math 20A, Math 20B	107	F, W, S
MAE	**11** (prev. 110A)	Thermodynamics	Phys 2C, CHEM 6A	101B, 113	F, W
MAE	**101A**	Intro Fluid Mechanics	Phys 2A, Math 20D, Math 20E	101B, 101C, 119 (corequisite), 122, 126A	F, W
MAE	**101B**	Advanced Fluid Mechanics	MAE 11 (or 110A), MAE 101A	101C, 123	W, S
MAE	**101C**	Heat Transfer	MAE 101A, MAE 101B, MAE 105		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 18 (or 20F)	123	F, S
MAE	**108**	Probability and Statistical Methods for Mech. & Env. Engineering	Math 20C, Math 18 (or 20F)		S
MAE	**119**	Intro to Renewable Energy: Solar and Wind	MAE 101A (corequisite)		W
MAE	**122**	Flow and Transport in the Environment	MAE 101A	126A	F
MAE	**123**	Intro to Transport in Porous Media	MAE 105, MAE 107		W
MAE	**124**	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**	Mechanics I: Statics	Math 20C, Phys 2A		F, W
MAE	**170**	Experimental Techniques	PHYS 2C	126A	F, S
ESYS	**101**	Environmental Biology	Prerequisites waived for Env Eng majors. Contact ESYS Advising for clearance.		F
CENG	**100**	Process Modeling, and Computation in Chemical Engineering	CHEM 6B		F
CHEM	**171**	Environmental Chemistry	CHEM 6C		F

All courses must be taken for a letter grade (no P/NP)