

**Required courses and Prerequisites for
Undergraduate in Mechanical Engineering**

Prerequisites for Admission to Major*

<u>COURSE</u>		<u>QUARTER OFFERED**</u>	<u>PREREQUISITE</u>
CHEM	121	SU, AU, WI, SP	placement in Math 150
	125	AU, WI, SP	Chem 121, Math 151 or concur
ENG	181	SU-1, AU, WI	Math 150 prereq or concur
	183	SU-2, WI, SP	ENG 181
MATH	151	SU, AU, WI, SP	150 or placement
	152	SU, AU, WI, SP	151
	153	SU, AU, WI, SP	152
	254	SU, AU, WI, SP	153
ME	410	AU, WI, SP ***	Physics 131, ENG 183, Math 254 concur
PHYS	131	SU, AU, WI, SP	Math 151
	132	SU, AU, WI, SP	Physics 131, Math 152
Other Required Courses*			
ECE	300	AU, WI, SP	Phys 132, Math 254 & enrollment in ENG
	320	AU, WI, SP	ECE 300
ISE	311	AU, WI, SP	2nd year in ENG (ME 410 recommended)
	504	SU, AU, WI, SP	3rd year in Engineering
MATH	415	SU, AU, WI, SP	Math 254
MSE	205	SU, AU, WI, SP	Chem 121, Math 151 or equiv, Phys 131
PHYSICS	133	SU, AU, WI, SP	Physics 132, Math 153
ME	250	AU, WI, SP	Math 255 or 415 and enrollment in ENG major
	501	AU, WI, SP	ME 430, Chem 121, Math 255 or 415 and enrollment in ENG major
	420	AU, WI, SP ***	ME H210 or 410
	430	AU, WI, SP ***	ME H210 or 410
	481	AU, WI, SP	ME 250 and ECE 300
	482	AU, WI, SP	ME 481, 503, 504 prereq or concur
	502	AU, WI, SP	ME 250, 501
	503	AU, WI, SP	ME 250, 501
	504	AU, WI, SP	ME 502, 503
	510	AU, WI, SP	ME 501 and 504 or Civil Eng 413
	512	AU, WI, SP	ME 510
	553	AU, WI, SP	ME 250, 430 and 561
	561	AU, WI, SP	ME 420 and MSE 205
	562	AU, WI, SP	ME 561
	563	AU, WI, SP	ME 562, 553
	564	AU, WI, SP	ME 510, second writing course and 563 prereq or concur
	565.01	AU, WI	ME 562 and second writing course
	565.02	WI, SP	ME 565.01
	565.03	AU, SP	ME 565.02
	570	AU, WI, SP	ME 482, 510 prereq or concur, ECE 320, and second writing course
	571	AU, WI, SP	ME 482 or Ag Eng 525
	581	AU, WI, SP	ME 570

*In addition, English 110 must be completed before admission to the ME major.

** Information obtained from Course Offerings Bulletin.

*** Occasionally offered SU.

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