

ADVISING SHEET 2 of 2

FRESHMAN YEAR

			Credits	C/IP ^β				Credits	C/IP ^β
MATH	165°	Calculus I	4			MATH	166°	Calculus II	4
CHEM	121°	Gen Chem I & Lab	4			PHYS	251°	Univ Phys I & Lab	4
ENGL	110°	College Comp I	3			ENGR	200°	Comp App in Eng	2
ME	101°	Intro to Mech Eng	3			ENGL	130°	Comp II: Writing for Public Audiences	3
_____	_____	Arts & Humanities	3		_____	_____	Arts and Humanities	3	
			17					16	

SOPHOMORE YEAR

			Credits	C/IP ^β				Credits	C/IP ^β
MATH	265°	Calculus III	4			MATH	266	Elem Diff Equations	3
PHYS	252°	Univ Phys II & Lab	4			Engr	206	Circuit Analysis	3
ENGR	201°	Statics	3			ENGR	202°	Dynamics	3
ME	201/L	Student Design/Lab+	1/1			ENGR	203°	Mech of Materials	3
ME	341°	Thermodynamics	3		_____	_____!	Lab Science	4	
			16					16	

JUNIOR YEAR

			Credits	C/IP ^β				Credits	C/IP ^β
ME	301	Material Science	3			ME	323/L	Mach Comp Des & Lab+	3/1
ME	306	Fluid Mechanics	3			ME	418/L	Manuf Proc & Lab	3/1
ME	322	Design of Mach	3			ME	474	Heat and Mass Trans	3
ENGR	460	Engr Economy	3			MATH	321	Applied Stat Methods ^π	3
_____	_____ ¥	Technical Elective	3		_____	_____	Technical Elective	3	
			15					17	

SENIOR YEAR

			Credits	C/IP ^β				Credits	C/IP ^β
ME	480	Mech Eng Seminar	3			ME	488	Eng Design	3
ME	483	Mech Meas Lab	3		_____	_____	Prof Eng Ethics*	3	
ME	487	Eng Design+	2		_____	_____	Social Science or Arts & Humanities**	3	
_____	_____	Social Science	3		_____	_____	Technical Elective	3	
_____	_____	Technical Elective	3		_____	_____	Technical Elective	3	
_____	_____	Technical Elective	3						
			17					15	

^β Complete (C) / In-Progress (IP)

° This course must be completed with a grade of 'C' or better

! PHYS 253/L or CHEM 122/L unless an alternate course is approved by the ME Department

¥ One Technical Elective can be taken from other engineering departments, Math or Physics

*Can be ME 370, ChE 340 or PHIL 250

**Social Science if taking PHIL 250 (formerly PHIL 370), Arts & Humanities if taking ME 370 or ChE 340

π Another Calculus-based statistics course can be substituted for MATH 321 (example: ChE 315 Statistics & Numerical Methods in Engineering)

+ This course involves the design and fabrication of an engineering prototype.