

1st Year	1st Semester: Fall_____						Credits	Grade	Semester Completed	2nd Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
	\$	MTH	122	College Algebra	3					MTH	123	Trigonometry	3														
	*	WRT	150	Writ Strategies	4					*	CHM	115	Chemistry I	4													
	^	EGR	100	Intro to Engrg	1						GE - Hist			3													
		GE - Arts			3						GE - LS			3													
	•	GE-SBS			3																						
2nd Year	3rd Semester: Fall_____						Credits	Grade	Semester Completed	4th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
	*	MTH	201	Calculus I	4					*	MTH	202	Calculus II	4													
	*	EGR	106	Intro to Egr Design I	3					*	EGR	107	Intro to Egr Design II	3													
	%	ECO	210/211	Economics	3					*	PHY	230	Physics I	5													
	#	GE - WP			3					*	STA	220	Engrg Statistics	2													
									*	EGR	220	Engrg Stats Lab	1														
3rd Year	5th Semester: Fall_____						Credits	Grade	Semester Completed	6th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
	*	MTH	203	Calculus III	4					*	MTH	302	Lin Alg & DEQ	4													
	+	*	PHY	234/1	Physics II	4/5				*	EGR	309	Mach Design I	4													
	*	EGR	209	Mech & Mach	4					*	EGR	312	Dynamics	3													
	*	EGR	226	MicroCtrl Pgm Appl	4					*	EGR	214	Circuit Analysis I	4													
	*	EGR	289	Engrg Co-op Prep	1																						
4th Year	7th Semester: Fall_____						Credits	Grade	Semester Completed	Semester: Winter _____						Credits	Grade	Semester Completed	8th Semester: S/S _____						Credits	Grade	Semester Completed
	EGR	250	Mat Sci & Engrg	4						EGR	390	Engrg Co-op II (sws)	3							EGR	365	Fluid Mechanics	4				
	EGR	346	Mechatronics & Ctrl	4						GE - Issue			3							EGR	409	Mach Design II	4				
	EGR	360	Thermodynamics	4																EGR	329	FEA	3				
	GE - Issue			3															@	GE - P & L (PHI 102 Ethics)	3						
5th Year	Semester: Fall_____						Credits	Grade	Semester Completed	9th Semester: Winter _____						Credits	Grade	Semester Completed	10th Semester: S/S _____						Credits	Grade	Semester Completed
	EGR	490	Engrg Co-op III	3						EGR	468	Heat Transfer	4							EGR	486	Sr Project II	2				
										ME	Elec		4							ME	Elec		4				
										ME	Elec		4							GE - US		3					
										EGR	485	Sr Project I	1														

PCEC Student Services: (616)331-6025

- *

Engineering Foundation course
- \$

Students may elect to take MTH 124 (180) for 5 cr instead of MTH 122 and MTH 123
- +

Students may enroll in PHY 231 instead of PHY 234
- ^

Not required, but strongly recommended for success
- Consider taking a course that doubles as SBS and US (See Gen Ed guide for selections)
- #

Consider taking a course that doubles as WP and Issue (See Gen Ed guide for selections)
- @

An ethics course is required in the engineering program (PHI 102 or another ethics course in General Education).
Consider taking PHI 102 as an SWS
- %

ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Gen Ed requirement.

Secondary Admissions Criteria:

- A GPA of 2.7 or above in the Engineering Foundation courses
- Completion of each course in the Engineering Foundation with a grade of C (2.0) or above, with no more than one repeat in each Foundation course.
- Completion of preparation for placement in the cooperative engineering education, EGR 289

Recommendation:

It is strongly encouraged that students do not begin or break a curriculum thread by taking courses at other institutions; e.g., take the MTH 201 equivalent elsewhere, return to GV and continue in the math thread with MTH 202.