

1st Year	1st Semester: Fall_____						2nd Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				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	_____	_____	_____			—	_____	_____
	* CHM	115	Chemistry I	4	_____	_____	* STA	220	Engrg Statistics	2	_____	_____	_____			—	_____	_____
	HNR	217	MOE I	3	_____	_____	* EGR	220	Engrg Stats Lab	1	_____	_____						
							HNR	218	MOE II	3	_____	_____						
2nd Year	3rd Semester: Fall_____						4th Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	* MTH	203	Calculus III	4	_____	_____	* MTH	302	Lin Alg & DEQ	4	_____	_____	_____			—	_____	_____
	* PHY	230	Physics I	5	_____	_____	+ * PHY	231	Physics II	5	_____	_____	_____			—	_____	_____
	% ECO	210/211	Economics	3	_____	_____	\$ HNR	US	_____	3	_____	_____	_____			—	_____	_____
	HNR	SBS	_____	3	_____	_____												
3rd Year	5th Semester: Fall_____						6th Semester: Winter _____						Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	* EGR	226	MicroCtrl Pgm Appl	4	_____	_____	* CIS	163	Comp Sci II	4	_____	_____	EGR 290 Engrg Co-op I			3	_____	_____
	* EGR	224	Intro Dig Sys Design	3	_____	_____	* EGR	223	Probab & Signals	3	_____	_____	_____			—	_____	_____
	* CIS	159	Java for C Programmers	1	_____	_____	* EGR	214	Circuit Analysis I	4	_____	_____						
	* EGR	289	Engrg Co-op Prep	1	_____	_____	HNR	LS	_____	3	_____	_____						
	HNR	Arts	_____	3	_____	_____												
4th Year	7th Semester: Fall_____						Semester: Winter _____						8th Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	EGR	314	Circuit Analysis II	4	_____	_____	EGR	390	Engrg Co-op II (sws)	3	_____	_____	CIS 350 Software Engrg			3	_____	_____
	EGR	315	Elect Circuits	4	_____	_____	_____			—	_____	_____	CIS 241 Sys-Level Prog & Util			3	_____	_____
	EGR	326	Embedded Sys Des	4	_____	_____						CIS 263 Data Struct & Algor			3	_____	_____	
												# HNR Jr Seminar _____			3	_____	_____	
5th Year	Semester: Fall_____						9th Semester: Winter _____						10th Semester: S/S _____					
				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed				Credits	Grade	Semester Completed
	EGR	490	Engrg Co-op III	3	_____	_____	CIS	452	Oper Systems	4	_____	_____	EGR 486 Sr Project II			2	_____	_____
	_____			—	_____	_____	CE	Elec	_____	3/4	_____	_____	CE Elec _____			3/4	_____	_____
							CE	Elec	_____	3/4	_____	_____	# HNR Jr Seminar _____			3	_____	_____
						EGR	485	Sr Project I	1	_____	_____							

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + Engineering Physics II (PHY 234) is available in fall only.
- # The two Jr. Seminars fulfill Issues and the SWS requirements.
Junior Seminars can be taken when students have >= 45 credits. Online seminars offered each semester.
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Gen Ed requirement.
- \$ HNR US Diversity requirement can be met with a Jr. Seminar.

If students do not have Advanced Placement credit applicable to the engineering curriculum, e.g., Calculus, Physics, and/or Chemistry, it is strongly recommended that they consider a 5-year plan.

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.