

Study Plan for B.S.E., COMPUTER ENGINEERING Major
(2019-20 Catalog) (MTH 201 Placement with Honors Alliance and Conflict - 4 Year Program)

Minor: _____

Student Name: _____

 Student ID#: G

1st Year	1st Semester: Fall _____						Credits	Grade	Semester Completed	2nd Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed												
	* MTH	201	Calculus I	4	_____	_____				* MTH	202	Calculus II	4	_____	_____				* EGR	107	Intro to Egr Design II	3	_____	_____				* MTH	203	Calculus III	4	_____	_____	* PHY	230	Physics I	5	_____	_____
2nd Year	3rd Semester: Fall _____						Credits	Grade	Semester Completed	4th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed												
	+ * PHY	234/1	Physics II	4/5	_____	_____				* MTH	302	Lin Alg & DEQ	4	_____	_____				EGR	290	Engrg Co-op I	3	_____	_____															
	* STA	220	Statistical Modeling	2	_____	_____				* EGR	223	Probab & Signals	3	_____	_____																								
	* EGR	220	Measure/Data Analysis	1	_____	_____				* CIS	163	Comp Sci II	4	_____	_____																								
	* EGR	226	MicroCtrl Pgm Appl	4	_____	_____				* EGR	214	Circuit Analysis I	4	_____	_____																								
	* EGR	224	Intro Dig Sys Design	3	_____	_____																																	
	* CIS	159	Java for C Programmers	1	_____	_____																																	
3rd Year	5th Semester: Fall _____						Credits	Grade	Semester Completed	Semester: Winter _____						Credits	Grade	Semester Completed	6th Semester: S/S _____						Credits	Grade	Semester Completed												
	EGR	314	Circuit Analysis II	4	_____	_____				EGR	390	Engrg Co-op II (sws)	3	_____	_____				CIS	350	Software Engrg	3	_____	_____				CIS	241	Sys-Level Prog & Util	3	_____	_____	CIS	263	Data Struct & Algor	3	_____	_____
	EGR	315	Elect Circuits I	4	_____	_____																																	
	EGR	326	Embedded Sys Des	4	_____	_____																																	
	HNR	LS	_____	3	_____	_____																																	
4th Year	Semester: Fall _____						Credits	Grade	Semester Completed	7th Semester: Winter _____						Credits	Grade	Semester Completed	8th Semester: S/S _____						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	_____	_____	\$ HNR	US	_____	3	_____	_____
										CE	Elec	_____	3/4	_____	_____																								
										CE	Elec	_____	3/4	_____	_____																								
										% ECO	210/211	Economics	3	_____	_____																								
										& EGR	485	Sr Project I	1	_____	_____																								

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + Students may enroll in PHY 231 instead of PHY 234
- # The Jr. Seminar fulfills one Issue and one SWS requirement.
HNR 312 will also fulfill US Diversity.
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 HNR requirement.
- \$ HNR US Diversity requirement can be met with a Jr. Seminar (HNR 312).
- & Completion of EGR 485 and 486 will fulfill the HNR 499 Senior Project requirement.

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.