

Study Plan for B.S.E., INTERDISCIPLINARY ENGINEERING & Engineering Management emphasis

(2018-19 Catalog) (MTH 201 Placement - 4 Year Program)

Minor: _____

Student Name: _____

Student ID#: G _____

1st Year	1st Semester: Fall _____	<i>Credits</i>	<i>Semester</i>	<i>Credits</i>	<i>Semester</i>	<i>Credits</i>	<i>Semester</i>
	* MTH 201 Calculus I	4	_____	4	_____	4	_____
2nd Year	* WRT 150 Writ Strategies	4	_____	5	_____	3	_____
	* EGR 106 Intro to Egr Design	3	_____	3	_____	2	_____
3rd Year	* CHM 115 Chemistry I	4	_____	1	_____	3	_____
	3rd Semester: Fall _____	<i>Credits</i>	<i>Semester</i>	4th Semester: Winter _____	<i>Credits</i>	<i>Semester</i>	Semester: S/S _____
4th Year	* MTH 203 Calculus III	4	_____	* MTH 302 Lin Alg & DEQ	4	_____	<i>Credits</i>
	+ PHY 234/ Physics II	4/5	_____	* EGR 309 Machine Design I	4	_____	<i>Grade</i>
5th Year	* EGR 226 MicroCrtl Pgm App	4	_____	* EGR 250 Material Sci & Egr	4	_____	<i>Completed</i>
	* EGR 209 Mech & Mach	4	_____	* EGR 214 Circuit Analysis I	4	_____	
6th Year	* EGR 289 Engr Co-op Prep	1	_____	Semester: Winter _____	<i>Credits</i>	<i>Semester</i>	Semester: S/S _____
	5th Semester: Fall _____	<i>Credits</i>	<i>Semester</i>	Semester: Winter _____	<i>Credits</i>	<i>Semester</i>	<i>Credits</i>
7th Year	EGR 345 Dyn Sys Mod	4	_____	EGR 390 Engr Co-op II (sv)	3	_____	<i>Grade</i>
	EGR 367 Mfg Processes	4	_____	ACC 213 Financial Acc	3	_____	<i>Completed</i>
8th Year	ACC 212 Principles of Fin A	3	_____	6th Semester: S/S _____	<i>Credits</i>	<i>Semester</i>	
	BUS 201 Legal Env for Bus	3	_____	& EGR 362 Thermo-Fluids	4	_____	
9th Year	% ECO 210/211 Economics	3	_____	EGR 440 Production Models	3	_____	
	Semester: Fall _____	<i>Credits</i>	<i>Semester</i>	EGR 441 Engr Econ/QC/Mfg	4	_____	
10th Year	EGR 490 Engr Co-op III	3	_____	@ GE - P & L (PHI 102 Ethics)	3	_____	
	GE - Issue _____	3	_____	7th Semester: Winter _____	<i>Credits</i>	<i>Semester</i>	8th Semester: S/S _____
11th Year	EGR 485 Sr Project I	1	_____	8th Semester: S/S _____	<i>Credits</i>	<i>Semester</i>	
	FIN 320 Managerial Fin	3	_____	EGR 486 Sr Project II	2	_____	
12th Year	MGT 331 Concepts of Mgt	3	_____	MKT 350 Marketing MGT	3	_____	
	GE - Arts _____	3	_____	# GE - GP/Issue _____	3	_____	
13th Year	GE - Hist _____	3	_____	GE - LS _____	3	_____	

PCEC Student Services: (616)331-6025

- * Engineering Foundation course - requires PDM foundations
- + Students may enroll in PHY 231 instead of PHY 234
- Consider taking a course that doubles as SBS and US (See Gen Ed guide for selections)
- # Consider taking a course that doubles as GP 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).
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd requirement.
- & Students may take EGR 362-Thermo Fluids or EGR 360-Thermo (Fall only)

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

- 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.