

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

Student Name: _____

(2018-19 Catalog) (MTH 201 Placement - 5 Year Program)

Minor: _____

Student ID#: G

	1st Semester: Fall _____	Credits	Grade	Semester Completed	2nd Semester: Winter _____	Credits	Grade	Semester Completed	Semester: S/S _____	Credits	Grade	Semester Completed
1st Year	* MTH 201 Calculus I * WRT 150 Writ Strategies * EGR 106 Intro to Egr Design I GE - HP _____	4 4 3 3	_____ _____ _____ _____	_____ _____ _____ _____	* MTH 202 Calculus II * CHM 115 Chemistry I * EGR 107 Intro to Egr Design II GE - Arts _____	4 4 3 3	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
2nd Year	3rd Semester: Fall _____ * MTH 203 Calculus III * STA 220 Statistical Modeling * EGR 220 Measure/Data Analysis • GE-SBS/US _____ @ GE - P & L (PHI 102 Ethics)	4 2 1 3 3	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	4th Semester: Winter _____ * MTH 302 Lin Alg & DEQ % ECO 210/211 Economics * PHY 230 Physics I GE - LS _____	4 3 5 3	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
3rd Year	5th Semester: Fall _____ + * PHY 234/1 Physics II * EGR 226 MicroCtrl Pgm Appl * EGR 209 Mech & Mach * EGR 289 Engrg Co-op Prep	4/5 4 4 1	_____ _____ _____ _____	_____ _____ _____ _____	6th Semester: Winter _____ * EGR 309 Machine Design I * EGR 250 Material Sci & Egr * EGR 214 Circuit Analysis I # GE - GP _____	4 4 4 3	_____ _____ _____ _____	_____ _____ _____ _____	Semester: S/S _____ EGR 290 Engrg Co-op I	3	_____ _____	_____ _____
4th Year	7th Semester: Fall _____ EGR 345 Dyn Sys Mod EGR 367 Mfg Processes ACC 212 Principles of Fin Acc BUS 201 Legal Env for Bus	4 4 3 3	_____ _____ _____ _____	_____ _____ _____ _____	Semester: Winter _____ EGR 390 Engrg Co-op II (SWS)	3	_____ _____	_____ _____	8th Semester: S/S _____ EGR 362 Thermo-Fluids EGR 440 Production Models EGR 441 Engrg Econ/QC/Mfg Ops ACC 213 Financial Acct	4 3 4 3	_____ _____ _____ _____	_____ _____ _____ _____
5th Year	Semester: Fall _____ EGR 490 Engrg Co-op III	3	_____ _____	_____ _____	9th Semester: Winter _____ EGR 485 Sr Project I FIN 320 Managerial Fin MGT 331 Concepts of Mgt GE - Issue _____ GE - Issue _____	1 3 3 3 3	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	10th Semester: S/S _____ EGR 486 Sr Project II MKT 350 Marketing MGT	2 3	_____ _____ _____	_____ _____ _____

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + 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 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**
- 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