Study Plan for B.S.E., <u>INTERDISCIPLINARY ENGINEERING</u> & Bioelectrical emphasis

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

Student Name:							
Student ID#:	G						

1st Year	* MTH 201 Calculus I 4 * WRT 150 Writ Strategies 4 * EGR 106 Intro to Egr Design I 3 *	* MTH * EGR * CHM	Semester: Winter	Grade		Semester: S/S	Credits	Grade 	Semester Completed
2nd Year	* MTH 203 Calculus III 4	=	·			Semester: S/S	Crea	Grade	Completed
3rd Year	+ * PHY 234/1 Physics II 4/5 * EGR 209 Mech & Mach 4 \$ EGR 224 Intro Dig Sys Desig 3 * EGR 289 Engrg Co-op Prep 1	Semester Completed	257 Elect Mat'ls & Devices 4 214 Circuit Analysis I 4		Semester Completed	Semester: S/S EGR 290 Engrg Co-op I	c. Credits	O' tatal	Semester Completed
4th Year	EGR 314 Circuit Analysis II 4 EGR 315 Elect Circuits I 4		nester: Winter & & & & & & & & & & & & & & & & &	Grade (8th Semester: S/S EGR 323 Signals & Sys CHM 230 Org & Biochem • GE - SBS ECO 210/211 Economics	4		Semester Completed
5th Year	EGR 490 Engrg Co-op III 3	EGR EGR & EGR EGR	403 Med Dev Design 3 432 Biomed Imaging 3			10th Semester: S/S EGR 486 Sr Project II GE - Issue			Semester Completed

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)
- Consider taking PHI 102 as an SWS
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd requirement.
- & Students may take EGR 433 (Electronic Instrumentation)
- ! Required for major
- \$ Prerequisite for upper-division course work

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