Study Plan for B.S.E., INTERDISCIPLINARY ENGINEERING & Data Science emphasis

(2019-20 Catalog) Minor:	(MTH 201 Placement	t with	Honors 2	Alliance and Co	onflict - 4 Year Program)		St	udent ID#: C	·			
* MTH 201 * CHM 115 HNR 260 HNR 201	er: Fall Calculus I Chemistry I Live, Learn, Lead	Credits		Semester Completed	* MTH 202 Calculus II * EGR 106 Intro to Egr Design I HNR 261 HNR 262	3 3 3 3	Semester Completed	* MTH 20 * EGR 10		Credits		Semester Completed
* EGR 220 + * PHY 234/ * EGR 226 * EGR 209	ter: Fall Statistical Modeling Measure/Data Analysis I Physics II MicroCtrl Pgm Appl Mech & Mach Engrg Co-op Prep	2 1 4/5 4 1		Semester Completed	* MTH 302 Lin Alg & DEQ * EGR 309 Machine Design I * EGR 250 Material Sci & Egr * EGR 214 Circuit Analysis I	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	 Semester Completed	EGR 29	r: S/S 0 Engrg Co-op I 6 Inter Applied Stats	S C Credits	Grade	Semester Completed
5th Semes EGR 345 EGR 367 I STA 321		3 3 4 4 3 3 3		Semester Completed	Semester: Winter EGR 390 Engrg Co-op II (sws) STA 426 Multivar Data Anlys	S S Credits	 Semester Completed	EGR 36 EGR 44 EGR 44		3 4 3 Credits		Semester Completed
Semester: EGR 490	Fall Engrg Co-op III	υ Credits	Grade	Semester Completed	7th Semester: Winter ^ EGR	1 3 3 3 3	Semester Completed	^ EGR 48	ester: S/S 6	super 2 2 3 3	Grade	Semester Completed

210/211 Economics

PCEC Student Services: (616)331-6025

- * Engineering Foundation course requires PDM foundations
- + 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 Honors 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.
- = Either CIS 161 or CIS 162 is required
- ! EGR 435 Mathematical Modeling of Physiologic Systems may be taken instead (Winter offering).

Secondary Admissions Criteria:

Student Name:

- 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 per Foundations 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.