

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

(2019-20 Catalog) (MTH 201 Placement with Honors Alliance & Conflict - 5 Year Program)

Minor: _____

Student Name: _____

Student ID#: G _____

	1st Semester: Fall _____			2nd Semester: Winter _____			Semester: S/S _____		
	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed
1st Year	* MTH 201	Calculus I	4	_____	_____				
	* CHM 115	Chemistry I	4	_____	_____				
	HNR 260	_____	3	_____	_____				
	HNR 201	Live, Learn, Lead	3	_____	_____				
2nd Year	3rd Semester: Fall _____			4th Semester: Winter _____			Semester: S/S _____		
	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed
	* MTH 203	Calculus III	4	_____	_____				
	* STA 220	Statistical Modeling	2	_____	_____				
3rd Year	5th Semester: Fall _____			6th Semester: Winter _____			Semester: S/S _____		
	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed
	+ * PHY 234/1	Physics II	4/5	_____	_____				
	* EGR 226	MicroCtrl Pgm Appl	4	_____	_____				
4th Year	7th Semester: Fall _____			Semester: Winter _____			8th Semester: S/S _____		
	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed
	EGR 346	Mechatronic Sys.	4	_____	_____				
	EGR 360	Thermodynamics	4	_____	_____				
5th Year	Semester: Fall _____			9th Semester: Winter _____			10th Semester: S/S _____		
	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed
	EGR 490	Engrg Co-op III	3	_____	_____				
	EGR 463	Alt Energy Apps	4	_____	_____				

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 Honors requirement.
~ Course is only offered at Cornerstone University
- \$ 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.
- @ Fulfills HNR Life Science

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 per 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.