

Study Plan for B.S.E., ELECTRICAL ENGINEERING Major

(2016-17 Catalog) (MTH 110 Placement - 5 Year Program)

Minor: _____

Student Name: _____

Student ID: G

1st Year	1st Semester: Fall _____	Credits	Grade	Semester Completed	2nd Semester: Winter _____	Credits	Grade	Semester Completed	Semester: S/S _____	Credits	Grade	Semester Completed
	MTH 110 Algebra * WRT 150 Writ Strategies ^ EGR 100 Intro to Engrg GE - Arts	4 4 1 3	_____	_____	MTH 122 College Algebra MTH 123 Trigonometry * CHM 115 Chemistry I GE - Hist	3 3 4 3	_____	_____	_____	_____	_____	_____
2nd Year	3rd Semester: Fall _____	Credits	Grade	Semester Completed	4th Semester: Winter _____	Credits	Grade	Semester Completed	Semester: S/S _____	Credits	Grade	Semester Completed
	* MTH 201 Calculus I * EGR 106 Intro to Egr Design I % ECO 210/211 Economics @ GE - P & L (PHI 102 Ethics)	4 3 3 3	_____	_____	* MTH 202 Calculus II * EGR 107 Intro to Egr Design II * PHY 230 Physics I * STA 220 Engrg Statistics * EGR 220 Engrg Stats Lab	4 3 5 2 1	_____	_____	_____	_____	_____	_____
3rd Year	5th Semester: Fall _____	Credits	Grade	Semester Completed	6th Semester: Winter _____	Credits	Grade	Semester Completed	Semester: S/S _____	Credits	Grade	Semester Completed
	* MTH 203 Calculus III + * PHY 234/1 Physics II * EGR 209 Mech & Mach * EGR 226 Intro Digital Sys * EGR 289 Engrg Co-op Prep	4 4/5 4 4 1	_____	_____	* MTH 302 Lin Alg & DEQ * EGR 223 Probab & Signals * EGR 257 Elect Mat'l's & Devices * EGR 214 Circuit Analysis I	4 3 4 4	_____	_____	EGR 290 Engrg Co-op I # GE - World Persp (ANT 340)	3 3	_____	_____
4th Year	7th Semester: Fall _____	Credits	Grade	Semester Completed	Semester: Winter _____	Credits	Grade	Semester Completed	8th Semester: S/S _____	Credits	Grade	Semester Completed
	EGR 314 Circuit Analysis II EGR 315 Elect Circuits I EGR 326 Embedded Sys Des GE - Issue	4 4 4 3	_____	_____	EGR 390 Engrg Co-op II GE - Issue	3 3	_____	_____	EGR 330 Power Systems EGR 343 Applied E/M EGR 323 Signals & Sys • GE-SBS (AAA 201 or LIB 201)	4 4 3 3	_____	_____
5th Year	Semester: Fall _____	Credits	Grade	Semester Completed	9th Semester: Winter _____	Credits	Grade	Semester Completed	10th Semester: S/S _____	Credits	Grade	Semester Completed
	EGR 490 Engrg Co-op III EE Elec	3 3/4	_____	_____	EE Elec EE Elec EGR 485 Sr Project I	3/4 3/4 1	_____	_____	EGR 486 Sr Project II EE Elec GE - LS	2 3/4 3	_____	_____

PCEC Student Services: (616)331-6025

- * Engineering Foundation course
- + Students may enroll in PHY 231 instead of PHY 234
- ^ Not required, but strongly recommended for success
- AAA 201 or LIB 201 recommended (covers SBS and US)
- # Issues courses as well. Prereq for ANT 340 is another WP or US Diversity course.
- @ An ethics course is required in the engineering program (PHI 102 or another ethics course in General Education). Consider taking PHI 102 as an SWS.
- % ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS GenEd 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 202.