

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

(2016-17 Catalog) (MTH 124 Placement - 5 Year Program)

Minor: _____

Student Name: _____

Student ID#: G

1st Year	1st Semester: Fall _____				2nd Semester: Winter _____				Semester: S/S _____			
	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed	Credits	Grade	Semester Completed
	1st Semester: Fall _____			2nd Semester: Winter _____			Semester: S/S _____					
	MTH 180 Functions & Models 5	_____	_____	* MTH 201 Calculus I 4	_____	_____						
	* WRT 150 Writ Strategies 4	_____	_____	* CHM 115 Chemistry I 4	_____	_____						
	^ EGR 100 Intro to Engrg 1	_____	_____	* EGR 106 Intro to Egr Design I 3	_____	_____						
	GE - Hist 3	_____	_____	GE - Arts 3	_____	_____						
	^ EGR 180 Intro Engrg Prob Solv 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 202 Calculus II 4	_____	_____	* MTH 203 Calculus III 4	_____	_____						
	* EGR 107 Intro to Egr Design II 3	_____	_____	* STA 220 Engrg Statistics 2	_____	_____						
	@ GE - P & L (PHI 102 Ethics) 3	_____	_____	* EGR 220 Engrg Stats Lab 1	_____	_____						
	• GE-SBS (AAA 201 or LIB 201) 3	_____	_____	* PHY 230 Physics I 5	_____	_____						
				# GE - World Persp (ANT 340) 3	_____	_____						
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	_____	_____	* MTH 302 Lin Alg & DEQ 4	_____	_____						
	* EGR 209 Mech & Mach 4	_____	_____	* EGR 223 Probab & Signals 3	_____	_____						
	* EGR 226 Intro Digital Sys 4	_____	_____	* EGR 257 Elect Mat'l's & Devices 4	_____	_____						
	* EGR 289 Engrg Co-op Prep 1	_____	_____	* EGR 214 Circuit Analysis I 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 314 Circuit Analysis II 4	_____	_____	EGR 390 Engrg Co-op II 3	_____	_____						
	EGR 315 Elect Circuits I 4	_____	_____	GE - Issue 3	_____	_____						
	EGR 326 Embedded Sys Des 4	_____	_____									
	GE - Issue 3	_____	_____									
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	_____	_____	EE Elec 3/4	_____	_____						
	EE Elec 3/4	_____	_____	EE Elec 3/4	_____	_____						
				EGR 485 Sr Project I 1	_____	_____						

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.