### Study Plan for B.S.E., COMPUTER ENGINEERING Major

(2014-15 Catalog)  
(MTH 123 Placement - 5 Year Program)

#### 1st Semester: Fall
- MTH 123 Trigonometry 3  
- * WRT 150 Writ Strategies 4  
- ^ EGR 100 Intro to Engr 1  
- GE - Hist 3  
- GE - Arts 3  

#### 2nd Semester: Winter
- * MTH 201 Calculus I 4  
- * CHM 115 Chemistry I 4  
- * EGR 106 Intro to Egr Design I 3  

#### Semester: S/S
- GE - World Persp 3  
- GE - P & L 3  

#### 3rd Semester: Fall
- * MTH 202 Calculus II 4  
- * EGR 107 Intro to Egr Design II 3  
- @ GE - P & L (PHI 102 Ethics) 3  
- * GE-SBS (SOC 205 or LHB 201) 3  

#### 4th Semester: Winter
- * MTH 302 Lin Alg & DEQ 4  
- * EGR 220 Engrr Statistics 2  
- * EGR 220 Engrr Stats Lab 1  
- * PHYS 230 Physics I 5  
- # GE - World Persp (ANT 340) 3  

#### 5th Semester: Winter
- * MTH 203 Calculus III 4  
- * STA 220 Intro to Egr Design II 3  
- * CIS 162 Comp Sci I 4  
- * EGR 226 Intro Digital Sys 4  
- * EGR 289 Engrg Co-op Prep 1  

#### 6th Semester: Winter
- * MTH 302 Lin Alg & DEQ 4  
- * EGR 220 Engrr Statistics 2  
- * EGR 220 Engrr Stats Lab 1  
- * PHYS 230 Physics I 5  
- * PHYS 230 Physics I 5  

#### 7th Semester: Fall
- * EGR 314 Circuit Analysis II 4  
- EGR 315 Elect Circuits I 4  
- EGR 326 Embedded Sys Des 4  

#### 8th Semester: Winter
- * EGR 314 Circuit Analysis II 4  
- EGR 315 Elect Circuits I 4  
- EGR 326 Embedded Sys Des 4  

#### 8th Semester: S/S
- CIS 350 Software Enggr 3  
- CIS 361 Systems Prog 3  
- CIS 263 Data Struct & Alg 4  
- % ECO 210/211 Economics 3  

#### 9th Semester: Winter
- CIS 452 Oper Systems 4  
- CE Elec 3/4  
- CE Elec 3/4  
- EGR 485 Sr Project I 1  

#### 10th Semester: S/S
- EGR 486 Sr Project II 2  
- CE Elec 3/4  
- CE Elec 3/4  
- # GE - LS (BIO 103) 3  

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**PCEC Student Services: (616)331-6025**

- Engineering Foundation course
- Students may enroll in PHY 231 (Physics II) instead of PHY 234
- Not required, but strongly recommended for success.
- SOC 205 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).

**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.