2nd Year **3rd Year 1st Year** 4th Year SPRING (15 units) SPRING (17 units) SPRING (15 units) FALL (17 units) FALL (18 units) FALL (16 units) FALL (15 units) SPRING (16 units) EGR 182 (4) MAT 245 (4) MAT 255 (4) EGR 382 (3) EGR 306 (1) MAT 343 (4) CHE 115(3) & EGR 302 (3) Intro Math for Anal Geo and Anal Geo and Appl Diff Eqn Internship Multivariable CHE 115L(1) -Engin Des and **Eng Appl** Calc I Calc II and Lin Alg Preparation Calculus Gen Chem I ┢ Document EGR 234 (4) L PHY 201 (4) EGR 121 (3) PHY 203 (4) EGR 321 (3) EGR 401 (3) EGR 402 (3) EGR 305 (2) Digital Logic Intro to Comp Phy for Engrs I Phy for Engrs I Computer Capstone Capstone 1 Engin Statistics Design Prog C++ with Lab with Lab Organization Design I Design II EGR 101 (3) EGR 102 (4) EGR 232 (4) EGR 331 (3) EGR 322 (3) EGR 403 (1) EGR 432 (3) EGR 231 (4) **Eng Christian** Intro to Engin Cir Theory II + Signals and Microcontrl **Applied Emag** FE Exam Cir Theory I Wdvw Design Design Systems System Design ICS 105 (3) EGR 122 (3) EGR 221 (3) EGR 405 (1) EGR 333 (3) Intro. to Global EGR 334 (3) Visualization Data Intern Rpt and TE #2(3) Studies (Engineering-Electronics I Electronics II Languages I Structures Presentation Only Sections) EGR 433(3) EGR 335 (3) EGR 431 (3) ENG 123 (3) ENG 113 (3) GE #3 (3) GE #4 (3) Data Acq, Des Power GE #6(3) Control Intermediate Composition and Visual Electronics Systems Composition EGR 304 (1) GST 100 (1) Leadership First Year GE #5(3) TE #1(3) cohort Experience⁺ 6 GEs: ENG 113 (3) & ENG 123 (3) or ENG113E (4) & ENG 123E (4) 2 Christian Studies (CST/ICS; Cannot be CST491-ISP) Co-requisite 2 GE's from Civic World Category(Economics, History, Poli.Sci, Law) **Cross-Culture Experience** Prerequisite 1 TE must be offered by the ECE Department Summer ISP Pass the Fundamentals of Engineering (FE) practice exam Summer + For first-time freshmen only Complete pre-approved 200 hours of supervised internship Or Study Internship [‡] Not required. Can count as Abroad ‡ *Note: Please consult with your advisor if you plan to take additional courses Cross-Culture Experience. towards a minor or are interested in the 3-year accelerated academic plan.

Electrical and Computer Engineering Course Flow Chart for Recommended Academic Plan – 2022/2023 Catalog(v2.1)