Structure & Flowchart for BEng in Information Engineering 2019/2020 Entering Major [™]

Semester @ EE1001 (3CU) MA1200 (3CU) @ EE1002 (3CU) GE1354 (3CU)[@] Choose TWO from the following three courses (6 CU) #CS1102 (3CU) or Introduction to Foundations Principles of 1A MA1300 (3CU) or Electronic Design of Digital Electronic CS1302 (3CU) Techniques - 24CUs Engineering PHY1201 (3 CU) BCH 1100 (3CU) BCH 1200 (3CU) MA1201 (3CU) A or B or 1B MA1301 (3CU) ★ EE2302 (3CU) MA2001 (3CU) EE2000 (3CU) CS2311 (3CU) Foundations of 2A Multi-variable Calculus Logic Circuit Computer Information and and Linear Algebra Design Programming Data Engineering 24CUs EE2331 (3CU) MA3160 (3CU) EE2301 (3CU) EE2004 (3CU) 2B **Data Structures** Probability and Basic Electronic Microcomputer and Algorithms **Stochastic Processes** Circuits Systems Δ EE4096 (OCU) Engineering Training I 2S EE3009 (3CU) CS3103 (3CU) EE3206 (3CU) EE3210 (3CU) **Data Communications** Operating Java Programming 3A Signals and Systems and Networking Systems and Applications 27CUs ¥ * * EE3008 (3CU) EE3301 (3CU) EE3070 (3CUs) 3B EE3315 (3CU) CS3402 (3CU) Principles of **Optimization Methods** Internet Technology Database Systems Communications for Engineering **Design Project** 3S EE4097 (0CU) Engineering Training II 4A **FIVE Electives** EE4080 (6CU) EE3012 (3CU) (15 CU) Project **Engineers in Society** Pre-requisite 24CUs 4B Pre-cursor # **College requirement** Co-requisite College-specified GE courses * @ Major Requirement (Level 1): applicable to Normative 4-year degree students only

Excluding Gateway Education Requirements in English, Chinese Civilization and Area Requirements ¥

Δ EE2000 or EE2301 or CS2311 are pre-requisites for EE4096

Last updated 29 June 2020