FLOWCHART

Computer Engineering Requirements

First Year

Fall

AHSE 101X

Spring

AHSE 102X

Second Year

Fall

MATH 200X or 251X

Spring

MATH 201X or 252X

Third Year

Fall

MATH 202X or 253X

Spring

MATH 201 or 252

Fourth Year

Fall

ESM 350

Spring

Note 9

Legend

Department
Course Number
Prerequisites (a "c" indicates a co-requisite)
Credit Hours
AHSE = Arts, Humanities, Social Sciences and Ethics courses (6 courses)
1 Arts, 1 Humanities, 2 Soc Sciences, 1 Art or Hum or SS, 1 Ethics

Notes
1. It is possible to take Chem 105, Phys 211X, 212X, 213X for the Natural Sciences requirement
2. EE 203 prereq: EE 102, Math 200 or 251, Co-req Math 201c of 252c
3. CS 201 prerequisite: CS 103 or H15, Programming, Math 200c or 251c
4. EE 204 prerequisite: EE 203, Math 202 or 252, Math 202c or 253c
5. EE 353 prerequisite: EE 204, Math 202 or 253, ES 201 or CS 201, Coreq Math 302
6. EE 343 prerequisite: ES 201 or CS 201, EE 204, EE 333c
7. EE 333 prerequisite: EE 204, Eng 111X or 213X
8. EE 311 prerequisite: Phys 212, Math 302, EE 204
9. ESM 450 prerequisite: Eng 111X, 211X or 213X, ES 201 or CS 201, Sr.
10. EE 444 prerequisite: Comm 131X/141X, Eng 111X, Eng 211X/213X, EE 443

Math Sequence
CS Sequence
200 or 201 Calculus I
201 or 202 Calculus II
202 or 252 Calculus III
302 Differential Equations
307 Discrete Mathematics

Updated: 4/4/17 by cem