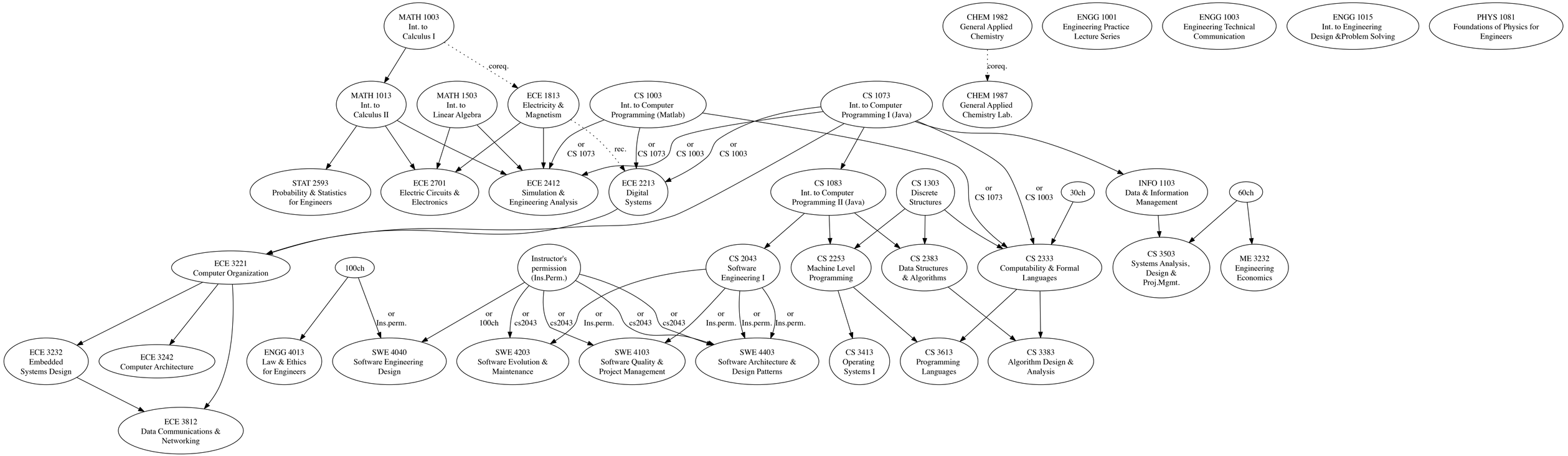
MATH 1003 Int. to Calculus I
coreq.
CHEM 1982 General Applied Chemistry
ENGG 1001 Engineering Practice Lecture Series
ENGG 1003 Engineering Technical Communication
ENGG 1015 Int. to Engineering Design &Problem Solving
PHYS 1081 Foundations of Physics for Engineers
coreq.
MATH 1013 Int. to Calculus II
MATH 1503 Int. to Linear Algebra
ECE 1813 Electricity & Magnetism
CS 1003 Int. to Computer Programming (Matlab)
CS 1073 Int. to Computer Programming I (Java)
CHEM 1987 General Applied Chemistry Lab.
or CS 1073
rec.
or CS 1073
or CS 1003
or CS 1003
STAT 2593 Probability & Statistics for Engineers
ECE 2701 Electric Circuits & Electronics
ECE 2412 Simulation & Engineering Analysis
ECE 2213 Digital Systems
CS 1083 Int. to Computer Programming II (Java)
CS 1303 Discrete Structures
or CS 1073
or CS 1003
30ch
INFO 1103 Data & Information Management
60ch
ECE 3221 Computer Organization
100ch
Instructor's permission (Ins.Perm.)
CS 2043 Software Engineering I
CS 2253 Machine Level Programming
CS 2383 Data Structures & Algorithms
CS 2333 Computability & Formal Languages
CS 3503 Systems Analysis, Design & Proj.Mgmt.
ME 3232 Engineering Economics
or Ins.perm.
or 100ch
or cs2043
or cs2043
or Ins.perm.
or cs2043
or cs2043
or Ins.perm.
or Ins.perm.
or Ins.perm.
ECE 3232 Embedded Systems Design
ECE 3242 Computer Architecture
ENGG 4013 Law & Ethics for Engineers
SWE 4040 Software Engineering Design
SWE 4203 Software Evolution & Maintenance
SWE 4103 Software Quality & Project Management
SWE 4403 Software Architecture & Design Patterns
CS 3413 Operating Systems I
CS 3613 Programming Languages
CS 3383 Algorithm Design & Analysis
ECE 3812 Data Communications & Networking