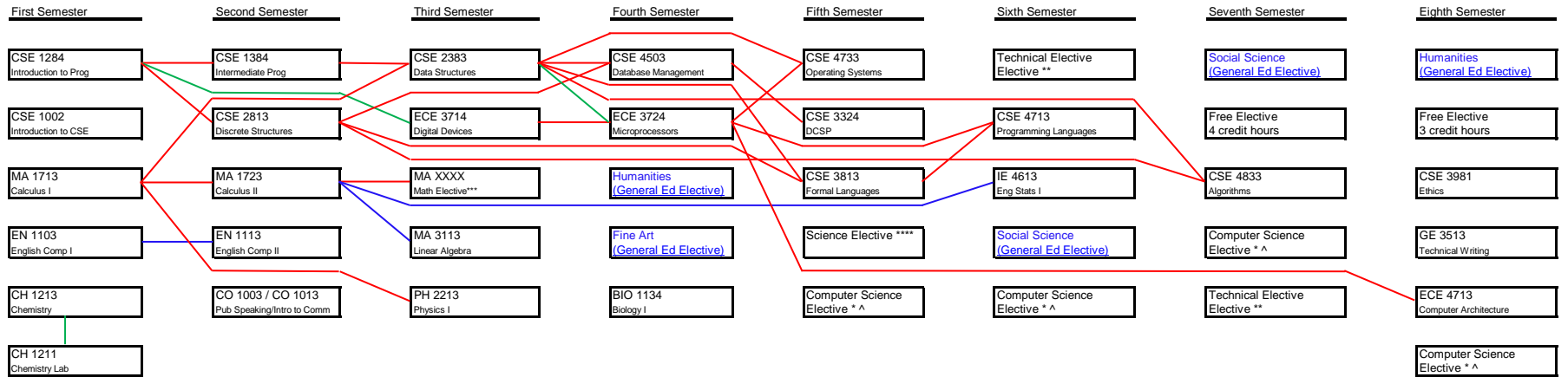


Prerequisites and required courses for CS majors

- Prerequisite
- Prerequisite with a C or better
- Prerequisite or Corequisite
- Check comments for other prerequisites and other important information



- *Group 1 Electives: Take 2**
- CSE 4153 (fall & spring)
Data Comm Networks
 - CSE 4163 (fall)
Des Parallel Algorithms
 - CSE 4214 (fall & spring)
Intro to Software Engineering
 - CSE 4413 (fall)
Computer Graphics
 - CSE 4633 (fall)
Artificial Intelligence
 - CSE 4453 (spring)
Game Design
 - CSE 4743 (Irregular)
Operating Systems II

- ^Group 2 Electives: Take 2**
- Any CSE Group 1
Elective
 - CSE 3XXX or 4XXX
not required elsewhere

- **Technical Electives**
- | | |
|--|--|
| CSE 3XXX or 4XXX
Any upper level CSE Course | IE 4513
Engineering Admin |
| ECE 3XXX or 4XXX
Any upper level ECE Course | IE 4573
Process Improvement Eng |
| MA 2743
Calculus IV | IE 4623 (Spring)
Engineering Stats II |
| MA 3XXX or 4XXX
Any upper level CSE Course | IE 4653
Industrial Quality Control |
| IE 3913
Engineering Economy I | IE 4733
Linear Programming I |
| IE 4113 (Irregular)
Human Factors Engineering | BIS 4523
Business Prog w/ COBAL |
| IE 4333
Production Control Sys I | BIS 4533
Decision Support Systems |
| IE 4373 (Irregular)
Automation | |

- ***Math elective**
- MA 2733
Calculus III
 - MA 4143
Graph Theory
 - MA 4173
Number Theory
 - MA 3053
Foundations of Math

- ****Science Elective**
- PH 2223
Physics II
 - BIO 1144
Biology I
 - CH 1223
Chemistry II
 - CH 1221
Chemistry II Lab