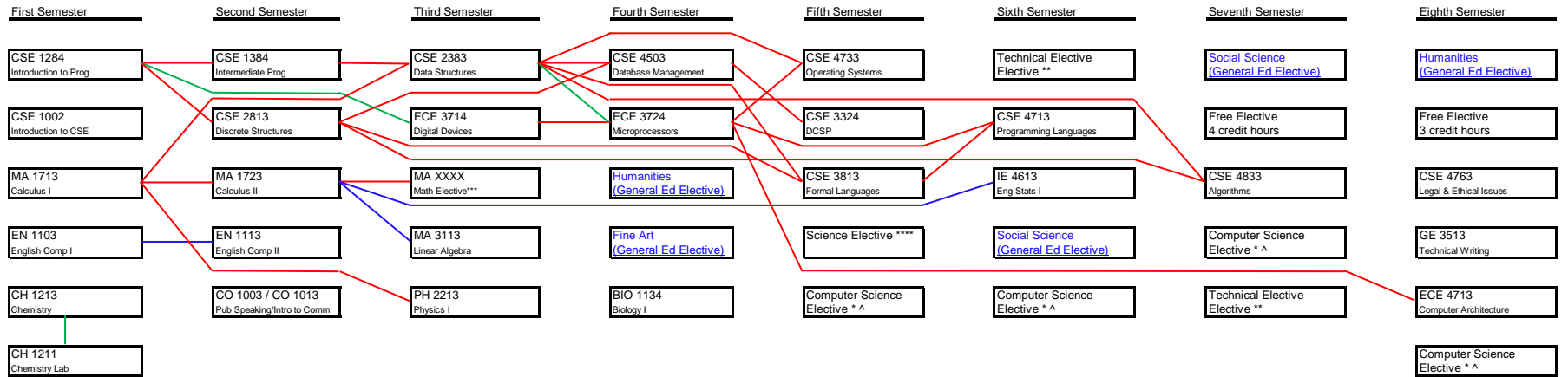


Prerequisites and required courses for CS majors

- 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 Improvment 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 II
- CH 1223
Chemistry II
- CH 1221
Chemistry II Lab