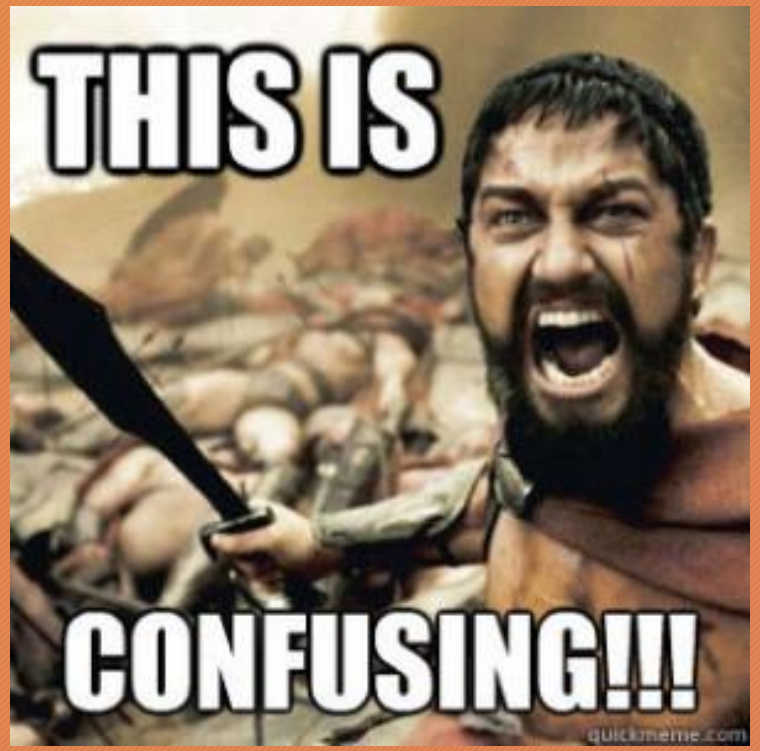
Class Schedule Prep Session

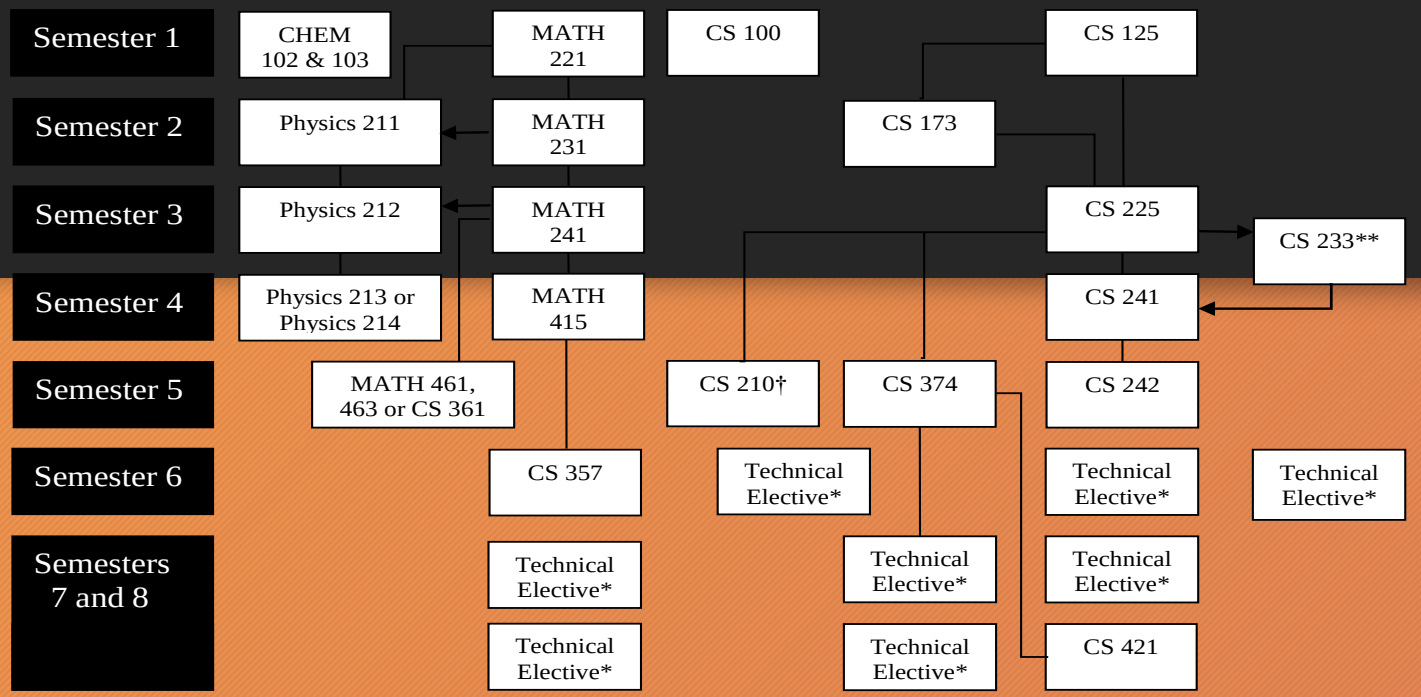
Make a Great Schedule, Have a Smooth Semester!

Classes? Courses? Confusion?

Is this how you feel?



Prerequisite Flow Chart for Computer Science



GEN ED EQUIREMENTS

4hrs –Comp I
3hrs –Advanced Comp
0hrs –ENG 100
4hrs –CHEM 102 & 103
10hrs –Physics Sequence
-PHYS 211, 212 &
Either 213 or 214
3hrs –Non-Western
3hrs -Western
6hrs –Humanities & the Arts
6hrs –Social & Behavioral Sciences
6hrs –Liberal Education Electives
3rd Level Language Requirement (satisfied by 3 years of high school foreign language instruction)

Note: There are areas where a class may count in multiple areas. Contact an advisor for additional information.

A line from one course to another below it indicates that the first course is a prerequisite for the second.
An arrow indicates that the first can be taken before, or at the same time, as the second.

** Technical Electives. (minimum six CS courses required + 2 more 400-level courses in any field).*
Check the listed link to ensure that you complete the requirements for your selected focus area with your technical CS electives.
https://wiki.cites.illinois.edu/wiki/display/undergradProg/CS+Track+Requirements

One of the six CS courses must satisfy the *team project requirement*. Currently this requirement is satisfied by any of the following courses:
CS 427, CS 428, CS 429, CS 465, CS 467, CS 493, CS 494, CS 498 sections: computational photography, cloud computing. Additional courses will be added soon.

Some courses are offered fall-only or spring-only. Be sure to plan ahead!

*** CS 233 may be taken semester 3 or 4.*

† CS 210 may be taken any semester of Junior or Senior year.

Core Courses

- *CS 225 : Data Structures*
  - Basic foundation, C++
  - Important for interviews
  - Cinda is awesome!
  - Emily Chao (Webmaster and CS 225 TA)

- *CS 233 : Computer Architecture*
  - Insight into computer hardware
  - Robin Sturm (Academic Chair and CS 233 TA)

Core Courses

- CS 241 – System Programming
  - Working of an Operating System
  - Low level knowledge
  - Programming Language : C
  - David Zmick (CS 241 TA)

- CS 374 (CS 498) – Algorithm And Models of Computation
  - Really, really, really important!
  - Algorithms, Analysis – Foundation Course
  - Essential for interviews and Internships

Different Tracks for Tech Electives

- Link: https://wiki.cites.illinois.edu/wiki/display/undergradProg/CS+Track+Requirements
- Software Foundation
- Algorithms and Models of Computation
- Intelligence and Big Data
- Human and Social Impact
- Media
- Scientific, Parallel, and High Performance Computing
- Distributed Systems, Networking, and Security
- Machines

GenEds

- Different Categories to satisfy : Keep that in mind
- Check your DARS report : https://registrar.illinois.edu/dars-audit
- Some Easy GenEds :
  - Dance 100
  - Thea 101
  - Phil 102
  - Geog 106
  - Mus 130 (Half Semester)
  - SHS 120 (Half Semester)