SIEBEL SCHOOL OF COMPUTING AND DATA SCIENCE

# DARS and other things you should know!

*Heather Zike & Jenn Rose*

GRAINGER ENGINEERING

# Degree Options

## Computer Science

Siebel School of Computing and Data Science

Grainger College of Engineering

## Computer Science + X

Degree is housed in the college the “X” portion is claimed

# Variations

*Hours needed to graduate*

The minimum hours needed to complete a bachelor degree is 120. There are many on campus that go slightly above the 120 hours.

The Grainger College of Engineering (128 hours)

Computer Science

CS + BIOE

CS + PHYS

College of Liberal Arts and Sciences (120 hours)

MATH & CS STAT & CS
CS + ANTH, ASTR, CHEM, ECON, GGIS, LING, PHIL

College of Agricultural, Consumer, and Environmental Sciences (125 hours)

CS + ANSC

CS + CPSC

College of Media (124 hours)

CS + ADV

College of Education (120 hours)

CS + EDU

Learning Sciences or Secondary Ed

College of Fine & Applied Arts (120 hours)

CS + MUS

# Class Standing vs Cohort

## Class Standing

29 hours or less = Freshman Standing
30-59 hours = Sophomore Standing
60-89 hours = Junior Standing
90+ hours = Senior Standing

## Cohort

This is based on when you started your first full time as a college student. **Your cohort is Fall 2024.**

https://siebelschool.illinois.edu/academics/undergraduate/registration/cs-course-restrictions-enrollment-caps

# Curriculum

## CORE

CS 124

CS 128 & CS 173

CS 225 & CS 222

CS 374

CS 421*

## Differences

CS 233 & CS 341
or CS 340

CS 357

CS 361 (STAT 400)

CS 421*

## CS ENG vs Blended

6-8 CS 400 level technical electives, along with some other requirements

30-35 hours of the blended courses (roughly)

# STUPID RULES

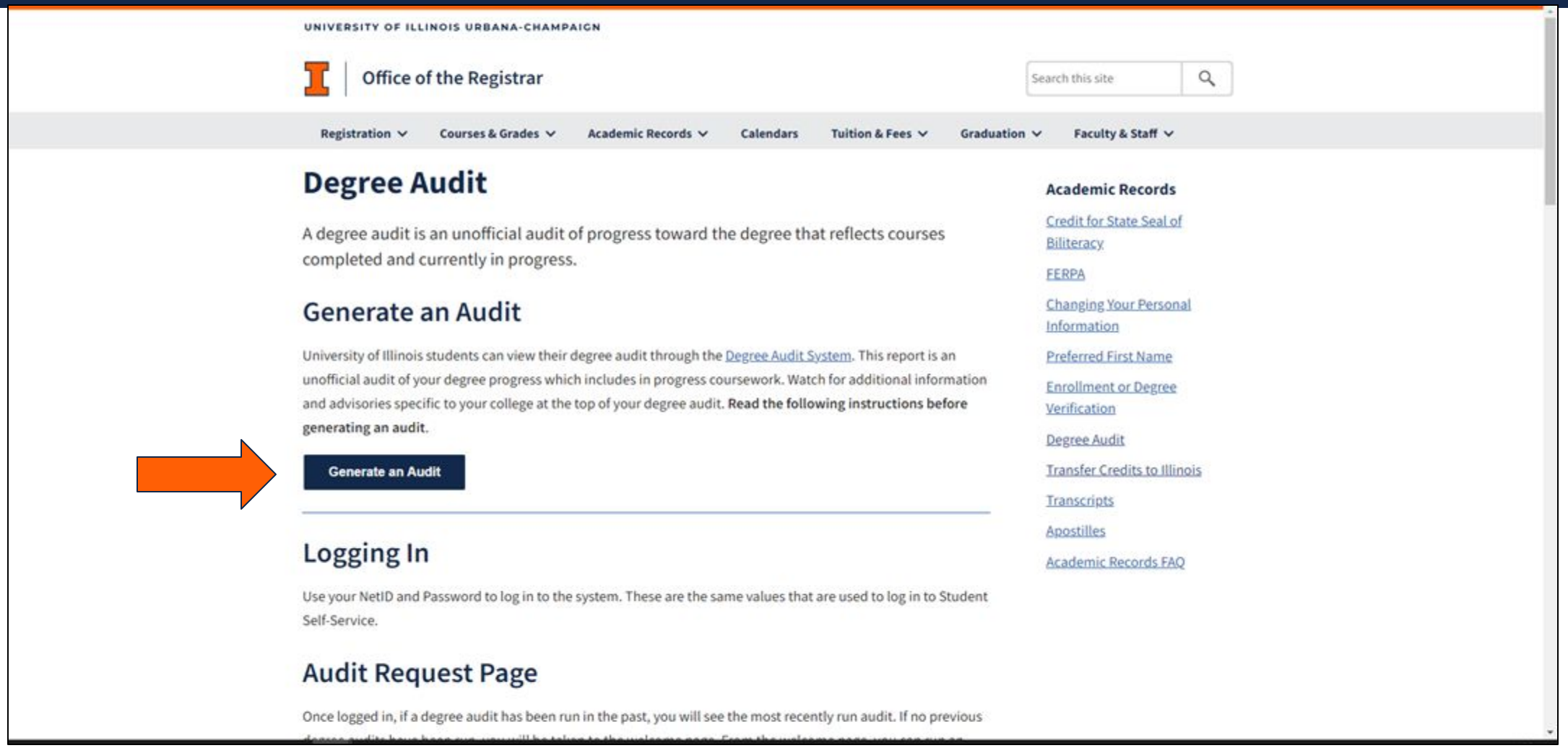
- Credit cannot be used toward the Grainger Engineering degrees for the following courses:
- Any math course below MATH 220 (MATH 112, 114, 116, 117, STAT 100, etc.)
- CHEM 101 and CHEM 108
- Any 100 level PHYS course
- ASTR 100
- Basic military science
- MATH 220 AP credit, Engineering students will only get 4 of the 5 hours to count towards their degree

# DARS

Have you tried this Google trick?

- Degree Audit Reporting System
- https://registrar.illinois.edu/academic-records/dars-audit/ or Google it!

❖ Going to the UIUC homepage and typing in the search box will save you time.


UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
Office of the Registrar
Search this site
Registration
Courses & Grades
Academic Records
Calendars
Tuition & Fees
Graduation
Faculty & Staff
Degree Audit
A degree audit is an unofficial audit of progress toward the degree that reflects courses completed and currently in progress.
Generate an Audit
University of Illinois students can view their degree audit through the Degree Audit System. This report is an unofficial audit of your degree progress which includes in progress coursework. Watch for additional information and advisories specific to your college at the top of your degree audit. Read the following instructions before generating an audit.
Generate an Audit
Logging In
Use your NetID and Password to log in to the system. These are the same values that are used to log in to Student Self-Service.
Audit Request Page
Once logged in, if a degree audit has been run in the past, you will see the most recently run audit. If no previous
Academic Records
Credit for State Seal of Biliteracy
FERPA
Changing Your Personal Information
Preferred First Name
Enrollment or Degree Verification
Degree Audit
Transfer Credits to Illinois
Transcripts
Apostilles
Academic Records FAQ

**to provide cost and occupational outlook data to students at the time the student declares or changes their program of study. For related information, please visit: https://myillini.illinois.edu/Programs**

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**YOU CANNOT GRADUATE WITH ANY TEMPORARY GRADES SUCH AS NOT REPORTED - 'NR', INCOMPLETE - 'I' OR DEFERRED - 'DF' COURSEWORK**

**SUMMARY OF COURSES WITH IN PROGRESS - 'IP', INCOMPLETE - 'I' OR DEFERRED - 'DF' GRADES**

*EARNED: 17.0 HOURS*

| | | | | |
|---|---|---|---|---|
| FA22 | CS 100 AL1 | 1.0 | IP | >I |
| FA22 | CS 124 AL1 | 3.0 | IP | >I |
| FA22 | ENG 100 CS9 | 1.0 | IP | >I |
| FA22 | ENG 177 SD1 | 1.0 | IP | >I |
| FA22 | KIN 249 ON1 | 3.0 | IP | >I |
| FA22 | MATH 231 EL2 | 3.0 | IP | >I |
| FA22 | MATH 299 EL2 | 1.0 | IP | >I |
| FA22 | RHET 105 D2 | 4.0 | IP | >I |

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**REQUIRED COURSES**

*EARNED: 17.0 HOURS* *1 SUB-GROUP*

*NEEDS.* *4 SUB-GROUPS*

1) ORIENTATION AND PROFESSIONAL DEVELOPMENT

1.0 HOUR ADDED 1 COURSE TAKEN

| | | | | |
|---|---|---|---|---|
| FA22 | ENG 100 CS9 | 1.0 | IP | >I |

# Required Courses

**REQUIRED COURSES**

*EARNED:* *17.0 HOURS* *1 SUB-GROUP*

*NEEDS:* *4 SUB-GROUPS*

1) ORIENTATION AND PROFESSIONAL DEVELOPMENT

1.0 HOUR ADDED 1 COURSE TAKEN

FA22 ENG 100 CS9 1.0 IP >I

NEEDS: 1 COURSE

**SELECT FROM:** CS 210 OR 211

2) FOUNDATIONAL MATHEMATICS COURSES

FA22 MATH 220 3 4.0 PS

FA22 MATH 231 EL2 3.0 IP >I

**SELECT FROM:** MATH 241, 415 OR 416 OR 257

3) PHYSICS SEQUENCE

**SELECT FROM:** PHYS 211, 212

4) SCIENCE ELECTIVE
(ONE COURSE FROM THE NATURAL SCIENCE & TECHNOLOGY LIST)

FA22 CHEM 102 1 3.0 PS

FA22 CHEM 104 2 3.0 PS

5) COMPUTER SCIENCE CORE REQUIREMENTS

FA22 CS 124 AL1 3.0 IP >I

NEEDS: 10 COURSES

**SELECT FROM:** CS 128, 173, 222, 225, 233, 241 OR 341, 357, 361, 374, 421

*NEEDS:* *3 SUB-GROUPS*

1) TEAM PROJECT REQUIREMENT

NEEDS: 1 COURSE

**SELECT FROM:** CS 417, 427, 428, 429, 437, 465, 467, 493, 494, 497

2) SOFTWARE FOUNDATIONS

NEEDS: 3 COURSES

**SELECT FROM:** CS 407, 409, 422, 426, 427, 428, 429, 474, 476, 477, 492, 493, 494, 521 OR CS 522, 524, 526, 527, 528, 576

OR) ALGORITHMS AND MODELS OF COMPUTATION

NEEDS: 3 COURSES

**SELECT FROM:** CS 407, 413, 473, 475, 476, 477, 481, 482, 571 TO 576, 579, 580, 581, 583, CS 584, 586

OR) INTELLIGENCE AND BIG DATA

NEEDS: 3 COURSES

**SELECT FROM:** CS 410, 411, 412, 414, 416, 440, 441, 442, 444, 445, 446, 447, 448, 464, 466, CS 467, 469, 470, 510, 511, 512, 514, 540, 542, 544, 545, 546, 548, 562, 567, CS 576, 582

OR) HUMAN AND SOCIAL IMPACT

NEEDS: 3 COURSES

**SELECT FROM:** CS 409, 416, 417, 441, 442, 460, 461, 463, 464, 465, 467, 468, 469, 470, 500, CS 514, 562, 563, 565, 567

OR) MEDIA

NEEDS: 3 COURSES

**SELECT FROM:** CS 409, 414, 416, 417, 418, 419, 445, 448, 465, 467, 468, 469, 519, 545, 565, CS 567

OR) SCIENTIFIC, PARALLEL, AND HIGH PERFORMANCE COMPUTING

NEEDS: 3 COURSES

**SELECT FROM:** CS 419, 435, 450, 457, 466, 482, 483, 484, 519, 554, 555, 556, 558

OR) DISTRIBUTED SYSTEMS, NETWORKING, AND SECURITY

NEEDS: 3 COURSES

**SELECT FROM:** CS 407, 423, 424, 425, 431, 435, 436, 437, 438, 439, 460, 461, 463, 483, 484, CS 523, 524, 525, 537, 538, 562, 563

OR) MACHINES

NEEDS: 3 COURSES

**SELECT FROM:** CS 423, 424, 426, 431, 433, 437, 484, 523, 526, 533, 534, 536, 541, 584, 588

3) TECHNICAL ELECTIVES
500 LEVEL CS COURSES OR "CS-LIKE" COURSES FROM OTHER DEPT MAY BE USED WITH PERMISSION

NEEDS: 18.0 HOURS 6 COURSES

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**COMPUTER SCIENCE ADVANCED ELECTIVES**

*NEEDS:* *1 SUB-GROUP*

# Focus Areas

- Software Foundations
- 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

- https://cs.illinois.edu/academics/undergraduate/degree-program-options/bs-computer-science

# General Education Requirements

## Engineering

- Composition 1 & Advanced Composition
- 6 hours SBS
- 6 hours Hum/Arts
- 3 hours Natural Science
- 3 Cultural Studies Courses (W, NW, US)
- 3rd level Language

PHYS 211 & 212

## CS Blended Programs

- Composition 1 & Advanced Composition
- 6 hours SBS
- 6 hours Hum/Arts
- 6 hours Natural Science
- 3 Cultural Studies Courses (W, NW, US)
- LAS 4th Level Language all others 3rd Level

## COMPUTER SCIENCE AND ADVERTISING REQUIREMENTS

*EARNED: 18.0 HOURS 0 SUB-GROUPS*
*NEEDS: 63.0 HOURS 5 SUB-GROUPS 2.00 GPA*

1) COMPUTER SCIENCE CORE

3.0 HOURS ADDED 1 COURSE TAKEN

| | | | |
|---|---|---|---|
| FA22 | CS 124 AL1 | 3.0 | IP >I |

NEEDS: 7 COURSES

**SELECT FROM:** CS 128, 173, 222, 225, 240, 374, 421

2) COMPUTER SCIENCE TECHNICAL ELECTIVES
TWO 400 LEVEL COURSES ABOVE CS 403
CHOSEN IN CONSULTATION WITH AN ADVISOR

NEEDS: 6.0 HOURS 2 COURSES

3) MATHEMATICAL FOUNDATIONS
ALSO FULFILLS QUANTITATIVE REASONING I AND II

8.0 HOURS ADDED 2 COURSES TAKEN

| | | | |
|---|---|---|---|
| FA22 | MATH 220 1 | 5.0 | PS |
| FA22 | MATH 231 2 | 3.0 | PS |

NEEDS: 2 COURSES

**SELECT FROM:** MATH 225 OR 257 CS 361

4) COLLEGE OF MEDIA FOUNDATIONS

4.0 HOURS ADDED 1 COURSE TAKEN

| | | | |
|---|---|---|---|
| FA22 | PSYC 100 B1 | 4.0 | IP >I |

NEEDS: 3 COURSES

**SELECT FROM:** BADM 320 ECON 102, 103 OR 302

5) ADVERTISING CORE

3.0 HOURS ADDED 1 COURSE TAKEN

| | | | |
|---|---|---|---|
| FA22 | ADV 150 AB4 | 3.0 | IP >I |

NEEDS: 24.0 HOURS 8 COURSES

**SELECT FROM:** ADV 281, 283, 284, 390, 460, 483, 461, 492

**MINIMUM OF 128 HOURS REQUIRED**
**(Earned hours includes in-progress coursework;**
**Hours and GPA include transfer credit.)**

| | | | |
|---|---|---|---|
| *EARNED:* | *100.0 HOURS* | | |
| | *64.0 GPA HOURS EARNED* | *240.35 POINTS* | *3.75 GPA* |
| *IN-PROGRESS* | *14.0 HOURS* | | |
| *NEEDS:* | *28.0 HOURS* | | |

**UIUC GPA**
**(Only hours eligible for graduation are included.)**

| | | |
|---|---|---|
| *64.0 GPA HOURS EARNED* | *240.35 POINTS* | *3.75 GPA* |

UIUC

**TECHNICAL GPA**

| | | |
|---|---|---|
| 40.0 GPA HOURS EARNED | 144.35 POINTS | 3.60 GPA |

TECH

| | | | |
|---|---|---|---|
| FA22 | CS 100 AL1 | 1.0 | A |

3/5

| | | | |
|---|---|---|---|
| FA22 | CS 124 AL1 | 3.0 | A |
| FA22 | MATH 231 EL2 | 3.0 | A- |
| FA22 | MATH 299 EL2 | 1.0 | A- |
| SP23 | CS 128 AL1 | 3.0 | A |

- DARS is a tool, it is not 100%
- Advisors  can request modifications
- It assumes your IP (in-progress) courses you will successfully pass
- The 120(+) hours needed to graduate is already counting the in-progress courses
- If you do not see the courses you think you earned with AP scores you need to check with your advisor and possibly have College Board send your scores to UIUC again

# Credit/No Credit

- If it required for your major or meeting your gen ed it must be taken for a grade
- NEWish RULE D- or higher earns credit
- You must get advisor approval and it must be approved and processed at the college level
- D- or higher is considered passing and meets Prereq to move on to next course, but that **DOES NOT** mean it is the right decision

# Residency & Transfer Credit

- Must complete 45 hours at UIUC  (THIS IS NEW)

- Transferology
  - https://www.transferology.com/index.htm
- How to transfer credit to UIUC
  - https://registrar.illinois.edu/academic-records/trans-credit/

# Have you heard from your CS advisor?

**undergrad@siebelschool.illinois.edu**