COMPUTER SCIENCE + CROP SCIENCES (CS+CPSC) (Fall 2020)
Academic Advisor: Scott Bartlett, sbartlet@illinois.edu
AE-116 Turner Hall, MC-046, Phone: 217-244-7930
Schedule Advising Appointment: https://my.aces.illinois.edu/advising/

GEN ED REQUIREMENTS

Composition I and Speech Communication (6-7 hrs):
RHET 105 & CMN 101 (7 hrs)
or CMN 111 & CMN 112 (6 hrs)

Advanced Composition (3-4 hrs):

*See Natural Sciences and Technology

Foreign Language (Third Level or Above):

Quantitative Reasoning I:
*See Mathematical Foundations for specific requirement

Quantitative Reasoning II:
*See Mathematical Foundations for specific requirement

Natural Sciences and Technology:
*See Crop Sciences Core for specific requirement

Humanities and the Arts (6 hrs):

Social and Behavioral Sciences (6 hrs):

ACES REQUIREMENT (0-2 hrs):
ACES 101 (2 hrs -- First Time Freshmen, Fall Only)
ACES 200 (0 hrs -- First Time Transfers, Fall Only)

MAJOR REQUIREMENTS

Computer Science Core (22 hrs):
CS 100 (1 hr) (recommended for Freshmen -- Fall Only)
CS 125 (4 hrs) (prereq: 3 years of HS Math or MATH 112)
CS 126 (3 hrs) (prereq: CS 125)
CS 173 (3 hrs) (prereq: CS 125 or ECE 220; MATH 220 or MATH 221)
CS 225 (4 hrs) (prereq: CS 125 or ECE 220; CS 173 or MATH 213)
CS 374 (4 hrs) (prereq: CS 225; MATH 225 or MATH 415)
CS 421 (3 hrs) (prereq: CS 233 and CS 373)

Computer Science Technical Track (8-11 hrs):
Choose from the following options:
CS 233 (4 hrs) (prereq: CS 125 and CS 173; credit or concurrent enrollment in CS 225)
&
CS 241 (4 hrs) (prereq: CS 225; credit or concurrent registration in CS 233)
or
CS 240 (3 hrs) (prereq: CS 225 or both CS 205 and CS 110C++)
& any two 400-level CS courses except CS 491:
   CS 400-level:
   CS 400-level:

Mathematical Foundations (12-13 hrs):
CS 361 (3 hrs) (prereq: MATH 220 or MATH 221; credit or concurrent enrollment in MATH 225)
MATH 220 (5 hrs) (prereq: ALEKS Score)
or MATH 221 (4 hrs) (prereq: ALEKS Score)
MATH 225 (2 hrs) (prereq: MATH 220 or MATH 221)
MATH 231 (3 hrs) (prereq: MATH 220 or MATH 221)

Crop Sciences Core (16 hrs):
CPSC 102 (2 hrs -- First Time Freshmen & First Time Transfers)
CPSC 112 (4 hrs)
CPSC 393 (3 hrs)
or CPSC 395 (3 hrs)
CPSC 498 (1 hr) (prereq: Junior Standing)

Choose two of the following (6 hrs):
CPSC 226 (3 hrs) (prereq: CPSC 112 or HORT 100 or IB 103)
CPSC 270 (3 hrs)
PLPA 204 (3 hrs)

Foundational Data Analytics (6-8 hrs):
CPSC 440 (4 hrs) (prereq: MATH 112)
And select one of the following:
CPSC 441 (2 hrs) (prereq: MATH 112 or equivalent, an introductory statistics course, and junior standing)
or CPSC 444 (4 hrs) (prereq: CPSC 440 or equivalent, and some familiarity with R)

Crop Sciences Electives (6 hrs):
CPSC/HORT/PLPA 1XX-3XX (except CPSC 241):

CPSC/HORT/PLPA 4XX:

UIUC requires 60 hours in residence, 21 hours of which must be at the 300 or 400-level.

GPA Requirement: 2.0

126 total hours are required for graduation, 40 hours of which must be at the 300 or 400-level.

Degree Audit: https://uachieve.apps.illinois.edu/uachieve_uic/

NOTES: