

# Curriculum Plan: Statistics & Computer Science (students who entered prior to Fall 2016)

Name: \_\_\_\_\_ UIN: \_\_\_\_\_ Date: \_\_\_\_\_

**General Education Requirements**

\_\_\_\_\_ Composition 1

\_\_\_\_\_ Advanced Composition

\_\_\_\_\_ 3hrs Western

\_\_\_\_\_ 3hrs Non-Western

\_\_\_\_\_ 3hrs Humanities & the Arts

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\_\_\_\_\_ 3hrs Social and Beh. Science

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\_\_\_\_\_ 3hrs Natural Sciences & Technology

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\_\_\_\_\_ 4th Level Language

**Math & Statistic Courses**

\_\_\_\_\_ MATH 220 or 221

\_\_\_\_\_ MATH 231

\_\_\_\_\_ MATH 241

\_\_\_\_\_ MATH 415

\_\_\_\_\_ MATH 347, 441, 444 or 447

\_\_\_\_\_ STAT 200 or CS 361

\_\_\_\_\_ STAT 400

\_\_\_\_\_ STAT 410

\_\_\_\_\_ STAT 428

\_\_\_\_\_ STAT 420, 424 or 425

**Computer Science Courses**

\_\_\_\_\_ CS 100 Freshman Orientation

\_\_\_\_\_ CS 125 Intro to Computer Science

\_\_\_\_\_ CS 173 Discrete Structures  
(Prereqs CS 125 + CALC)

\_\_\_\_\_ CS 225 Data Structures  
(Prereqs CS 125 & CS 173)

\_\_\_\_\_ CS 233 Computer Architecture  
(Prereqs CS 125 & CS 173 + (CS 225 or concurrent))

\_\_\_\_\_ CS 241 System Programming  
(Prereqs CS 225 + (CS 233 or concurrent))

\_\_\_\_\_ CS 242 Programming Studio  
(Prereq CS 241)

\_\_\_\_\_ CS 357 Numerical Methods I  
(Prereqs1-- CS course, MATH 225 or 415 & MATH 241)

\_\_\_\_\_ CS 374 Algorithms & Models of Comp  
(Prereqs CS 173 & CS 225)

\_\_\_\_\_ CS 421 Progrmg Languages & Compilers  
(Prereqs CS 233 & CS 374) or CS 423 Operating Systems Design (Prereq CS 241)

\_\_\_\_\_ CS 411 Database Systems (Prereq CS 225) CS 418 Interactive Computer Graphics (Prereqs CS 225, MATH 225 or 415 & 241) or CS 446 Machine Learning (Prereq CS 374 & CS 440)

**Additional Notes**

\_\_\_\_\_ 120 hours required for graduation

Prerequisites means you should have a successful grade earned before continuing on to the next course.

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

\*\*Working ahead in your CS coursework does not guarantee entrance into the next CS course.

\*\*\*CS 421 is recommended over CS 423

Recommended but NOT Required  
(one of the following)

CS 427 and either 428 or 429

CS 492 and either 493 or 494

CS 499 (usually 2 semesters)

LAS General Education Distribution Requirements: <http://www.las.illinois.edu/students/requirements/gened/>

