Curriculum Flow Chart for the Computer Science + Music

Semester 1
- MATH 220 or 221
- MUS 101, MUS 107 & MUS 105^  
- CS 100

Semester 2
- MATH 231  
- MUS 102 & MUS 108^  
- CS 125

Semester 3
- Math 225  
- MUS 201, MUS 207, MUS 110 & MUS 172^  
- CS 126

Semester 4
- MUS 208, MUS 205 & MUS 173^  
- CS 225

Semester 5
- MUS 313 & MUS 407^  
- CS 233

Semester 6
- Group I (see below)  
- MUS 314 & MUS 409^  
- CS 374

Semesters 7 and 8
- Fall MUS 299 & Option 1^  
  Spring MUS 299, MUS 404 or 448 & Option 2^  
- CS 421

Group I: CS 361 (or CS 427 for those interested in systems building)

*Option 1 MUS 4 — Advanced Music Theory, Option 2 MUS 4 — Advanced Musicology

^Denotes that course has a prerequisite, check Course Explorer, Almost all MUS courses have a prerequisites

Follow the College of Fine and Applied Arts requirements for General Education & Language.

A line from one course to another below it indicates that the first course is a prerequisite for the second.

Some classes are offered only in the Spring or Fall. Plan ahead!
### Curriculum Plan: CS + Music, who entered Fall 2018 and after

Name: ___________________________________________________________  UIN: __________________________________________ Date: __________________

#### General Education Requirements
- 1 comp 1
- Advanced Composition
- 3 hrs Western Cultures
- 3 hrs Non-Western Cultures
- 3 hrs US Minority Cultures
- 3 hrs Humanities and the Arts
- 3 hrs Humanities and the Arts
- 3 hrs Social and Beh. Science
- 3 hrs Social and Beh. Science
- 3 hrs Natural Sciences & Technology
- 3 hrs Natural Sciences & Technology

#### Computer Science Courses
- CS 100 1 hr, Freshman Orientation
- CS 125 4 hrs, Intro to Computer Science
- CS 126 3 hrs, Software Design Studio (Prereq CS 125) *
- CS 173 3 hrs, Discrete Structures (CS 125 and CALC)
- CS 225 4 hrs, Data Structures (Prereq CS 125 and CS 173)
- CS 233 4 hrs, Computer Architecture (Prereq CS 125 and CS 173; CS 225)
- CS 241 4 hrs, System Programming (Prereq CS 225; CS 233)
- CS 374 4 hrs, Algorithms and Models of Comp (Prereq CS 173 and CS 225)
- CS 421 3 hrs, Programming Languages and Compilers (Prereq CS 233 and CS 374)
- ECE 402 3 hrs, Electronic Music Synthesis

*Transfer students entering with CS 225 credit must take CS 242 instead of CS 126.

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

#### Required MUS Courses
- MUS 101 2 hrs, Music Theory and Practice I
- MUS 102 2 hrs, Music Theory and Practice II
- MUS 105 2 hrs, Computation and Music I
- MUS 107 2 hrs, Musicianship I
- MUS 108 2 hrs, Musicianship II
- MUS 110 2 hrs, Intrd Art Mus: Intl Perspect
- MUS 172 2 hrs, Grp Instr Pno for Mus Major I
- MUS 173 2 hrs, Grp Instr Pno for Mus Maj II
- MUS 205 2 hrs, Computation and Music II
- MUS 207 2 hrs, Musicianship III
- MUS 208 2 hrs, Musicianship IV
- MUS 313 3 hrs, The History of Music I
- MUS 314 3 hrs, The History of Music II
- MUS 404 Contemp Compos Techniques or MUS 408 2 hrs, Analysis of Musical Form
- MUS 407 2 hrs, Elect Music Techniques I
- MUS 409 2 hrs, Elec Music Techniques II
- MUS 3 hrs, Advanced Music Theory
- MUS 3 hrs, Advanced Musicology
- MUS 299 1/2 hrs, Thesis/ADV UG Honors in Music

120 hours required for graduation

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