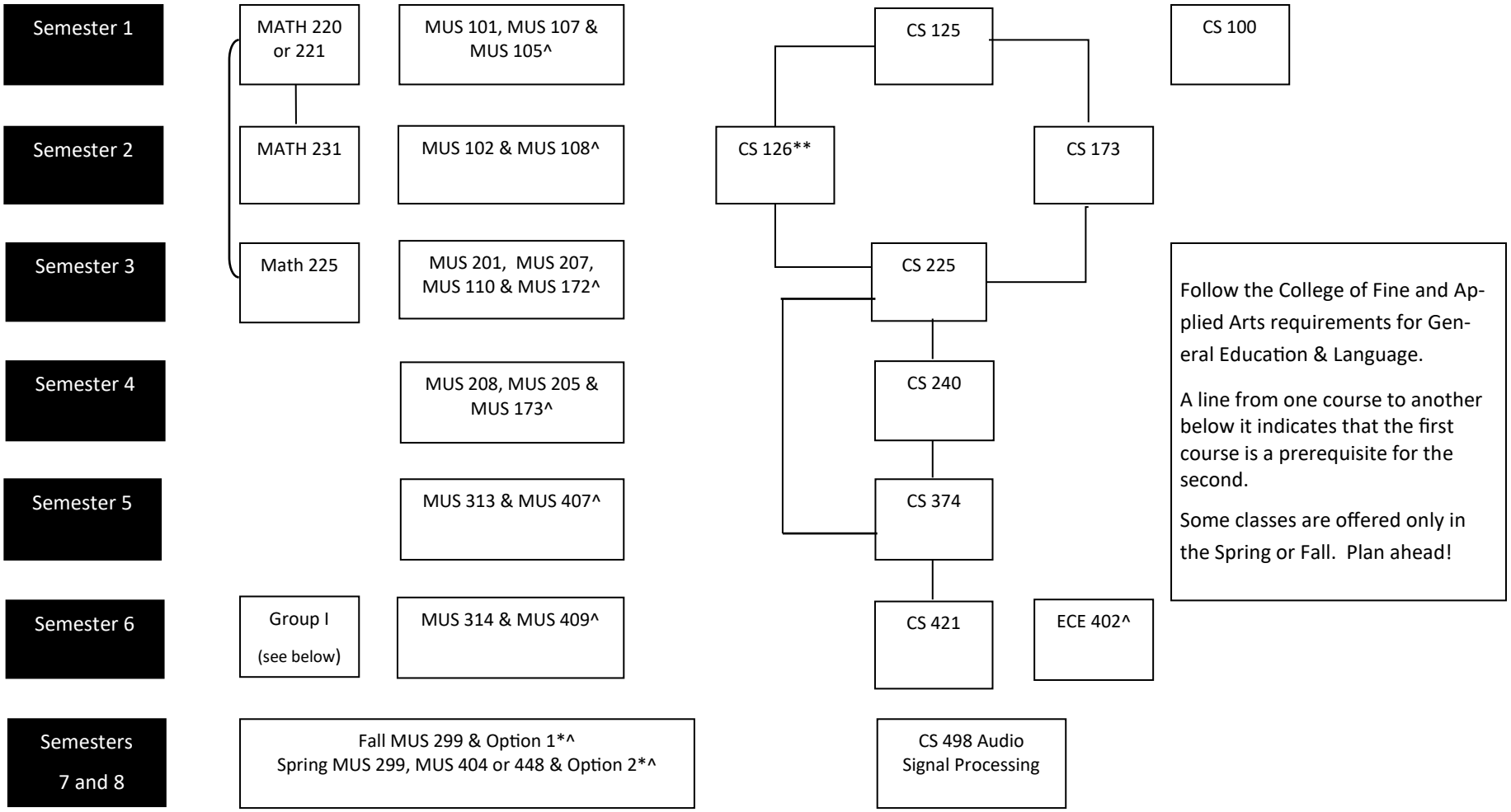
Curriculum Flow Chart for the Computer Science + Music



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

** CS 242 is you entered the major with credit for CS 225

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

Curriculum Plan: CS + Music, who entered Fall 2018 and after

Name: _____ UIN: _____ Date: _____

_____ FAA 101

General Education Requirements

_____ Composition 1

_____ Advanced Composition

_____ 3hrs Western Cultures

_____ 3hrs Non-Western Cultures

_____ 3hrs US Minority Cultures

_____ 3hrs Humanities and the Arts

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_____ 3hrs Social and Beh. Science

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_____ 3hrs Natural Sciences & Technology

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Math Courses

_____ MATH 220 5hrs, CALC or 221 CALC I 4hrs

_____ MATH 231 3hrs, CALC II

_____ MATH 225 2hrs, Intro Matrix Theory

_____ CS 361 3hrs, Probability and Statistics for Computer Science (of CS 427 3hrs, Soft ware Eng I if interested in systems building)

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

Computer Science Courses

_____ CS 100 1hr, Freshman Orientation

_____ CS 125 4hrs, Intro to Computer Science

_____ CS 126 3hrs, Software Design Studio
(Prereq CS 125) *

_____ CS 173 3hrs, Discrete Structures
(CS 125 and CALC)

_____ CS 225 4hrs, Data Structures
(Prereq CS 125 and CS 173)

_____ CS 240 4hrs, Computer Architecture
(Prereq CS 125 and CS 173; CS 225)

_____ CS 374 4hrs, Algorithms and Models of Comp
(Prereq CS 173 and CS 225)

_____ CS 421 3hrs, Programing Languages and Compilers
(Prereq CS 233 and CS 374)

_____ECE 402 3hrs, 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 2hrs, Music Theory and Practice I

_____ MUS 102 2hrs, Music Theory and Practice II

_____ MUS 105 2hrs, Computation and Music I

_____ MUS 107 2hrs, Musicianship I

_____ MUS 108 2hrs, Musicianship II

_____MUS 110 2hrs, Intrd Art Mus: Intl Perspect

_____ MUS 172 2hrs, Grp Instr Pno for Mus Major I

_____ MUS 173 2hrs, Grp Instr Pno for Mus Maj II

_____ MUS 205 2hrs, Computation and Music II

_____ MUS 207 2hrs, Musicianship III

_____ MUS 208 2hrs, Musicianship IV

_____ MUS 313 3hrs, The History of Music I

_____ MUS 314 3hrs, The History of Music II

_____ MUS 404 Contemp Compos Techniques or
MUS 408 2hrs, Analysis of Musical Form

_____ MUS 407 2hrs, Elect Music Techniques I

_____ MUS 409 2hrs, Elec Music Techniques II

_____ MUS 3hrs, Advanced Music Theory

_____ MUS 3hrs, Advanced Musicology

_____ MUS 299 1/2hrs, Thesis/ADV UG Honors in Music

____ 120 hours required for graduation