UC SAN DIEGO
DEPARTMENT OF MUSIC

INTERDISCIPLINARY COMPUTING AND THE ARTS (ICAM) MUSIC MAJOR
EFFECTIVE FALL 2016

LOWER DIVISION REQUIREMENTS

VIS 41   Design Communication

Beginning Practice: Choose <u>one</u>
     MUS 1A Fundamentals of Music 1
     MUS 2A Basic Musicianship 1
     MUS 5 Sound in Time
     VIS 1 or 2 or 3 Art-Making
     VIS 60 Intro to Digital Photography
     VIS 80 Introduction to Studio

*MATH 20A   Calculus for Science and Engineering

*MATH 20B   Calculus for Science and Engineering

**CSE 11   Intro to Computer Science: JAVA

*Substitute: Math 10ABC, **OR** Math 15A/CSE 20
**Substitutions: Computer Science 8A and 8B

Theory and History: Choose <u>one</u>
     MUS 4 Introduction to Western Music
     MUS 6 Electronic Music
     MUS 7 Music, Science, and Computers
     MUS 13 Worlds of Music
     MUS 14 Contemporary Music

Restricted electives: Choose <u>two</u>
MUS 1B Fundamentals of Music 2
MUS 2B Basic Musicianship 2
MUS 4, 5, 6, 7, 14
VIS 22 Formations of Modern Art
VIS 70N Introduction to Media

Visitor Series: Choose <u>one</u>
VIS 10 Computing Arts Lecture Series
MUS 43 Music Department Seminar (1 unit course to be taken for 4 quarters)

UPPER DIVISION REQUIREMENTS – 12 COURSES

Foundation: Choose <u>three</u>
VIS 142 Practices in Computing Arts
VIS 145A Digital Media I: Time, Movement, Sound
MUS 170 Musical Acoustics
MUS 171 Computer Music I

Practice: Choose <u>two</u>
MUS 171 Computer Music I
MUS 172 Computer Music II
MUS 173 Electronic Music Prod. and Composition
MUS 174A/B/C Audio and MIDI Studio Techniques
MUS 176 Music Technology Seminar
MUS 177 Music Programming
TDDE 141 Theatre Process: Sound Design
VIS 109 Advanced Projects in Media
VIS 149 Seminar in Contemporary Computer Topics
VIS 131 Special Projects in Media
VIS 132 Installation Production and Studio
VIS 141A Computer Programming for the Arts I
VIS 141B Computer Programming for the Arts II
VIS 145B Digital Media II
VIS 147A Electronic Technologies for Art I
VIS 147B Electronic Technologies for Art II
VIS 174 Media Sketchbook
ICAM 120 Virtual Environments

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History: Choose <u>one</u>
     VIS 159 History of Art and Technology
     MUS 114 Music of the 20th Century

Theory and History: Choose <u>one</u>
     MUS 101ABC
     MUS 111 World Music Traditions
     MUS 114 Music of the 20th C
     MUS 126 Blues: An Oral Tradition
     MUS 127 Discover Jazz
     MUS 175 Musical Psychoacoustics
     PSYCH 138 Sound and Music Perception
     VIS 151 History of the Experimental Film
     VIS 152 Film in Social Context
     VIS 152D Identity - Transnational Cinema
     VIS 153 The Genre Series
     VIS 154 Hard Look at the Movies
     VIS 155 The Director Series
     VIS 156 Latin American Cinema
     VIS 158 Histories of Photography
     VIS 159 History of Art and Technology
     VIS 194 Fantasy in Film

Senior Project

*ICAM 160A Senior Project in Computer Arts
ICAM 160B Senior Project in Computer Arts
*Prerequisite: VIS 141B, 145B, 147B or MUS 172, OR Three of Four Advanced Electives

Advanced Practice: Choose <u>one</u>
MUS 172 Computer Music II
MUS 174B/C Audio and MIDI Studio Techniques
VIS 141B Computer Programming for the Arts II
VIS 145B Digital Media II
VIS 147B Electronic Technologies for Art I

Electives: Choose <u>two</u> additional courses from
Practice, Advanced Practice or History/Theory OR
MUS 198 Directed Group Study
MUS 199 Independent Study
VIS 198 Directed Group Study
VIS 199 Special Studies
AIP 197 Academic Internship