

UC SAN DIEGO DEPARTMENT OF MUSIC

INTERDISCIPLINARY COMPUTING AND THE ARTS (ICAM) MUSIC MAJOR

EFFECTIVE FALL 2023

LOWER DIVISION REQUIREMENTS

VIS 41 Design Communication

***Beginning Practice: Choose one***

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 one***

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 two***

MUS 1B Fundamentals of Music 2

MUS 2B Basic Musicianship 2

MUS 4, 5, 6, 7, 14, 19

VIS 22 Formations of Modern Art

VIS 70N Introduction to Media

***Visitor Series: Choose one***

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 three***

VIS 142 Practices in Computing Arts

VIS 145A Digital Media I: Time, Movement, Sound

MUS 170 Art of Sound

MUS 171 Computer Music I

***Practice: Choose two***

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

VIS 143 Virtual Environments

***History: Choose one***

VIS 159 History of Art and Technology

MUS 114 Music and Ideas Since 1900

***Theory and History: Choose one***

MUS 101ABC

MUS 111 World Music Traditions

MUS 114 Music and Ideas Since 1900

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

***Advanced Practice: Choose one***

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 two 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

***Senior Project***

\*ICAM 160A Senior Project in Computer Arts  
ICAM 160B Senior Project in Computer Arts  
\*Prerequisite: VIS 141B or 145B or 147B or MUS  
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UC San Diego  
Department of Music  
music.ucsd.edu

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