

AUDIO PRODUCTION

Bachelor of Science Degree

The Audio Production program is designed to educate students in the art and science of sound. The program focuses on in-depth technological knowledge and a thorough understanding of the tools, techniques, and theories of aural communication required by audio production professionals.

PROGRAM OBJECTIVES

- Recognize the parameters that govern the operational limits of audio equipment and demonstrate a thorough understanding of audio theory
- Demonstrate critical listening skills typical of a professional audio engineer including recognition of standard one-octave frequency ranges in the audible spectrum, dynamic range processing, frequency domain processing, time-based processing, digital and analog distortion, and the sonic characteristics of common data compression methods
- Set up and troubleshoot a professional digital audio workstation and other audio/video systems
- Demonstrate the ability to record, edit, mix, and master audio for post-production and music production in a professional standard digital audio platform
- Implement a detailed production plan by managing the necessary assets, people, facilities, and technology needed to bring the project to completion within a required production budget and timeline and present completed production projects, including all necessary paperwork, printing, promotional materials and media to a public audience of one's peers
- Develop a professional business plan for a given media production project and create, interpret, and negotiate business contracts
- Develop and organize an effective portfolio including resumes and cover letters for professional use via multiple delivery methods

ENTRY-LEVEL EMPLOYMENT OPPORTUNITIES

Audio Production graduates are prepared to seek entry-level positions in audio engineering, music recording, radio and television broadcasting, audio equipment design, maintenance and repair, live venue and field recording, and audio sound design for film, video, and digital applications.



REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE

180 Quarter Credits
Twelve 11-Week Quarters or 132 Weeks

GENERAL EDUCATION

GE10110	English Composition I
GE10210	English Composition II
GE10220	College Math
GE10230	Art History: Baroque to Contemporary
GE10320	Effective Speaking
GE10340	Pre Calculus
GE10440	History of Motion Media & Mass Communications
GE20510	Ethics
GE20520	Physics
GE20710	Aesthetics
GE20810	History of Film
GE30910	Theories of Communication
GE30920	Logic
GE31040	Media & Pop Culture
LS10110	Computer Science
LS20620	Business Law

General Education Elective List A (Select 1):

GE10120	Art History: Prehistoric to Mannerist
GE10130	History of Photography
GE10310	World Literature
GE10330	American Government
GE10410	Introduction to Psychology
GE10430	Environmental Science
GE10450	Introduction to Geometry

General Education Elective List B (Select 1):

GE20530	Sociology
GE20540	United States History: Early Period
GE20550	United States History: 20th Century
GE20560	Western Civilization: Ancient to Renaissance
GE20570	Western Civilization: Reformation to WW II
GE20580	Economics
GE20590SA	Study Abroad
GE20610	Theater Appreciation

General Education Elective List C (Select 2):

GE30930	Issues in American Society
GE30940	Literature and Culture
GE30950	Music Appreciation
GE30960	Introduction to Museum Studies
GE30970	History of 20th Century Art
GE30980	Creative Writing
GE31010	Study Abroad
GE31020	Statistics
GE31030	Comparative Religions

CORE COURSES

AP0015PF	Portfolio Foundations Audio Production
AP10110	Fundamentals of Audio
AP10120	Audio Technology I
AP10210	Survey of the Music Industry
AP10220	Audio Technology II
AP10230	Listening, Analysis & Acoustics
AP10310	Audio Recording I
AP10320	Digital Audio I
AP10330	Music Theory I
AP10410	Digital Audio II
AP10420	Music Theory II
AP20510	Electronics I
AP20520	Digital Audio III
AP20530	Sound Design & Concept Development
AP20610	Electronics II
AP20620	MIDI Systems I
AP20630	Live Sound Reinforcement I
AP20710	MIDI Systems II
AP20720	Live Sound Reinforcement II
AP20730	Digital Audio Marketing Strategies
AP20810	Advanced Recording Techniques I
AP20820	Audio Recording II
AP20830	Synthesis & Sound Design I
AP30910	Advanced Recording Techniques II

AP30920	Synthesis & Sound Design II
AP31010	Senior Project I
AP31020	Digital Audio IV
AP31030	Business of Audio
AP41110	Portfolio Preparation
AP41120	Senior Project II
AP41210	Portfolio
DF10110	Introduction to Video Production
DF10240	Introduction to Digital Editing
DF20710	Interactive Visual Design
DF20721	Advanced Video Output
IM10210	Image Manipulation
IN31010AP	Internship I
IN41210AP	Internship II

Elective List (Select 3):

AP41130	Special Topics
AP41220	Special Projects
AP41230	Advanced Sound Design
AP41240	Interactive Audio Design
AP41250	Advanced Music Production
AP41140	Studio and Project Management
DF10211	Television Studio Production
DF10311	Non-Linear Editing
DF20511	Video Graphics
PH10350	Principles of Digital Photography

