

Sound Recording and Engineering (BS)

This program is offered by the School of Communications/Audio Aesthetics and Technology Department and is only available at the St. Louis home campus.

Program Description

The bachelor of science degree in sound recording and engineering is designed for students who are interested in the fields of music recording, live sound engineering, sound system engineering and/or audio technology.

Students majoring in sound recording and engineering cannot have a minor or dual degree in audio in media arts.

Learning Outcomes

Successful graduates of this program will be able to:

- Chart and update plans for a recording project based on a thorough understanding of audio theory, audio technology, sound recording principles and signal flow.
- Utilize skills in capturing, recording, mixing and finalizing audio on a recording project.
- Justify aesthetic choices made on, and evaluate the overall creative success of, a recording project.
- Work collaboratively and professionally with artists to produce deliverables consistent with industry standards.
- Apply foundational knowledge of music, musical instruments and musical constructs to a recording project.

Degree Requirements

For information on the general requirements for a degree, see Baccalaureate Degree Requirements under the Academic Policies and Information section of this catalog.

- 69 required credit hours
- Applicable University Global Citizenship Program hours
- Electives

Required Courses

- AUDI 1110 Audio Technology Lecture (2 hours)
- AUDI 1111 Two-Channel Recording (3 hours)
- AUDI 1120 Audio Technology Lab (2 hours)
- AUDI 1121 Signals and Systems (3 hours)
- AUDI 1130 Audio Technology Practicum (2 hours)
- AUDI 1131 Digital Audio Workstations (3 hours)
- AUDI 2110 Professional Development 1 (3 hours)
- AUDI 2230 Introduction to Music Recording (3 hours)
- AUDI 2710 Introduction to Acoustics (3 hours)
- AUDI 2840 Technical Ear Training 1 (2 hours)
- AUDI 3230 Music Recording (3 hours)
- AUDI 3310 Live Audio Production 1 (3 hours)
- AUDI 3311 Live Audio Production 2 (3 hours)
- AUDI 3710 Acoustics (3 hours)
- AUDI 3720 Testing and Troubleshooting (3 hours)
- AUDI 4110 Professional Development 2 (3 hours)
- AUDI 4230 Studio Engineering 1 (3 hours)
- AUDI 4930 Sound Recording and Engineering Capstone (1 hour)
- MDST 4950 Internship (3 hours)
- MUSC 1005 Fundamentals of Music for Audio (3 hours)

In addition, a minimum of 15 hours are to be chosen from the following:

- AUDI 1630 Sound Design for Media (3 hours)
- AUDI 2410 On-Set and Field Recording (3 hours)
- AUDI 2411 Foley and Effects Creation (3 hours)

- AUDI 2412 Dialog and Voice-Over Recording (3 hours)
- AUDI 2841 Technical Ear Training 2 (2 hours)
- AUDI 3150 Topics (3 hours)
- AUDI 3210 Audio Facility Management and Operations (3 hours)
- AUDI 3220 Analog Recording and Technology (3 hours)
- AUDI 3410 Post Production and Mixing (3 hours)
- AUDI 3599 Independent Study (3 hours)
- AUDI 3840 Technical Ear Training 3 (2 hours)
- AUDI 4231 Studio Engineering 2 (3 hours)