

MUSICAL AUDIO TECHNOLOGY, BS

The Musical Audio Technology degree program is designed to prepare students for the broadest spectrum of recording studio operations; the equipment used in recording studios; live recording environments; in-depth understanding of equipment design, maintenance, and operations; and detailed knowledge of signal processing for audio applications. Graduates of this program will not only be able to operate audio equipment, but they will be able to design audio equipment as skilled musicians. This unique program includes basic courses in mathematics and physical sciences, broadening courses in humanities and social sciences, foundation courses in electrical engineering, and music courses as well as musical performance.

Students earning the bachelor of music (BS) degree with a major in Musical Audio Technology must complete all University, College and departmental degree requirements.

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|--------------------------|---|
| ECE Elective (400 Level) | 3 |
| Credit Hours Subtotal: | 3 |

| Code and Title | | Hours |
|----------------------------------|----------------------------|--------|
| Major Area | | |
| MUS 308 | Pro Tools Essentials | 3 |
| MUS 340 | Intro Recording Techniq | 3 |
| MUS 341 | Adv Rec Tech | 3 |
| MUA 399 | Junior Recital (Recording) | 1 |
| MUS 430 | Applied Recording | 10 |
| MUA 499 | Senior Recital (Recording) | 1 |
| ECE 225 | Electric Circuits | 4 |
| ECE 327 | Audio Networks and Signals | 3 |
| ECE 332 | Electronics I | 4 |
| ECE 333 | Electronics II | 4 |
| ECE 370 | Signals And Systems | 0 or 4 |
| ECE 380 | Digital Logic | 4 |
| ECE 383 | Microcomputers | 4 |
| Credit Hours Subtotal: | | 44-48 |
| Supportive Courses | | |
| Secondary Instrument (100 Level) | | 2 |
| Secondary Instrument (200 Level) | | 2 |
| Large Ensembles (two semesters) | | 2 |
| MUS 115 | Theory I: Voice Leading | 4 |
| MUS 250 | Music In World Cultures | 3 |
| MUS 351 | Fund Of Conducting | 2 |
| MUA 121 | Class Piano I | 1 |
| MUA 122 | Class Piano II | 1 |
| MUA 123 | Class Piano III | 1 |
| MUA 124 | Class Piano IV | 1 |
| MATH 125 | Calculus I | 4 |
| MATH 126 | Calculus II | 4 |
| MATH 227 | Calculus III | 4 |
| MATH 238 | Appld Diff Equations I | 3 |
| MATH 355 | Theory Of Probability | 3 |
| PH 105 | General Physics W/Calc I | 4 |
| PH 106 | General Physics W/Calc II | 4 |
| CS 100 | CS I for Majors | 4 |
| Credit Hours Subtotal: | | 49 |
| Electives | | |