

Audio Production and Technology Major, SFAT BS – 128 credits

Major Requirements:

Sound Courses:

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|---|---|
| PH 1090 The Physics Behind Music ¹ | 3 |
| PH 1091 The Physics Behind Music Lab ¹ | 1 |
| FA 1662 Introduction to Audio Production <i>Taken Fall of your first year.</i> | 1 |
| FA 1664 Introduction to Music Mixing <i>Taken spring of your first year.</i> | 1 |
| FA 1702 Lighting and Sound Technology | 3 |
| FA 3730 Sound Design | 3 |
| FA 3731 Live Sound Design Intensive <i>This course is taken in the fall of your third year unless you take FA 3730 in the summer of your 1st year.</i> | 1 |
| FA 3740 Recording | 3 |
| FA 4740 Transducer Theory | 3 |
| FA 4741 Transducer Lab | 1 |
| FA 3975 Portfolio Development <i>This class should be taken before your last semester so that you can use the portfolio in your job search.</i> | 1 |

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Music Courses:

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| FA 2500 Music Theory I | 3 |
| FA 2501 Basic Musicianship | 2 |
| FA 2570 Private Music Instruction <i>This class is .5 credit, you need to take 2 semesters.</i> | 1 |
| FA 3501 Advanced Musicianship | 3 |
| FA 3560 Music History | 3 |

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Theatre & Film Courses:

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| FA 1701 Backstage Technology | 3 |
| HU 2324 Introduction to Film | 3 |
| FA 2701 Drafting for the Entertainment Industry | 3 |
| FA 3880 Readings in Dramatic Literature <i>This class is 1 credit, you need to take 2 semesters starting your second year.</i> | 2 |

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Choose 6 credits of Business and Communication:

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| HU 3820 Interpersonal Communication | 3 |
| HU 3840 Organizational Communication | 3 |
| HU 3120 Introduction to STC | 3 |
| HU 3629 Special Topics in Professional Writing | 3 |
| BUS 2200 Business Law | 3 |
| BA 2700 Business Problem Solving | 3 |
| FA 3650 Stage Management | 3 |
| MGT 3650 Intellectual Property Management | 3 |

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|----------------------------------|---|----------|
| MGT 3800 Entrepreneurship | 3 | |
| MIS 2000 IS/IT Management | 3 | |
| MKT 3000 Principles of Marketing | 3 | |
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Professional Engagement

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|---|---|----------|
| FA 2663 Career Development | 2 | |
| <i>1 credit each time you take it, taken once in your first year and once your second year.</i> | | |
| FA 3663 Career Development | 2 | |
| <i>1 credit each time you take it, taken once in your third year and once your fourth year.</i> | | |
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Application coursework - choose one path:

Production - 8 credits

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| FA 2661 Mainstage: Theatre Crew or FA 2660 Mainstage Theatre: Acting | 2 | |
| <i>This is introductory visual production work and is a variable credit course but is usually only taken for 1 credit for each project.</i> | | |
| FA 2662 Sound Practicum | 3 | |
| <i>This is introductory aural production work and is a variable credit course but is usually only taken for 1 credit for each project.</i> | | |
| FA 3662 Advanced Sound Practicum | 2 | |
| <i>This is advanced visual production work and is a variable credit course, usually 1-2 credits for a project.</i> | | |
| FA 3732 Audio Creative Lab | 1 | |
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Enterprise - 8 credits

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|--|---|----------|
| FA 2662 Sound Practicum | 1 | |
| <i>This is introductory aural production work and is a variable credit course but is usually only taken for 1 credit for each project.</i> | | |
| ENT 2950 or ENT 2960 - Enterprise Project Work II | 1 | |
| ENT 3950 - Enterprise Project Work III | 1 | |
| ENT 3960 - Enterprise Project Work IV | 1 | |
| ENT 4900 - Enterprise Project Work V | 2 | |
| ENT 4910 - Enterprise Project Work VI | 2 | |
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| | | 8 |

Technology Course Work Take 38 credits

Core Technology Classes (15-19 Credits)

| | |
|--|--------|
| EET 1120 Circuits I or EE 3010 Circuits and Instrumentation ¹ | 3 to 4 |
| EET 2120 Circuits II or EE 3120 – Electric Energy Systems ¹ | 3 to 4 |
| CS 1121 (Intro. to CS I AND CS 1122 Intro to CS II) OR (CS 1131 CS I) ¹ | 5 to 6 |
| MA 1160 or 1161 ¹ | 4 to 5 |

Choose 2 Technology focus areas: (15-19 credits)

EET 1

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|--|---|----------|
| EET 2220 Electronic Devices and Circuit Theory | 4 | |
| EET 3225 Special Electronic Devices | 4 | |
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EET 2 (requires EET 1 focus area)

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|---|---|----------|
| EET 3281 Electrical Project Development and Troubleshooting | 4 | |
| EET 3367 Communication Systems | 4 | |
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CS

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| CS 2141 Software Development Using C++ | 3 | |
| CS 2311 Discrete Structures | 3 | |
| CS 2321 Data Structures | 3 | |
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Math

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|--|---|----------|
| MA 2160 Calculus with Technology II | 4 | |
| MA 3160 Multivariable Calculus with Technology | 4 | |
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Physics

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| PH 1100 Physics by Inquiry I | 1 | |
| PH 1200 Physics by Inquiry II | 1 | |
| PH 2100 University Physics I - Mechanics | 3 | |
| PH 2200 University Physics II - Electricity and Magnetism | 3 | |
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SAT

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|-----------------------------------|---|----------|
| SAT 1610 OS Architecture | 3 | |
| SAT 2343 Network Administration I | 4 | |
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Acoustics (requires math focus area)

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| MET 2120 Statics | 4 | |
| MET 2130 Dynamics | 3 | |
| MEEM 4704 Acoustics and Noise Control | 3 | |
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Theatre Technology

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|---------------------------------------|---|----------|
| FA 3701 Advanced Backstage Technology | 3 | |
| FA 4701 Stage Mechanics and Rigging | 3 | |
| FA 3750 Lighting Design | 3 | |
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Choose 0-8 Credits

Any class on the University STEM list counts towards these credits. Students are encouraged to do a third concentration from the list above if they have enough credits)

Free Electives: 3 credits

3

General Education Requirements: 28 credits

See course catalog

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Co-Curricular Activities: 3 credits

¹These courses fulfill the General Education Science/Mathematics requirement.

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