Departmental/Program Major Courses (120 credits)

Required Major Courses (55 credits)

- (3) ECET 17700 - Data Acquisition and Systems Control
- (3) ECET 17900 - Introduction to Digital Systems
- (3) ECET 22700 - DC and Pulse Electronics (Critical Course)
- (3) ECET 22900 - Concurrent Digital Systems
- (3) ECET 27400 - Wireless Communication
- (3) ECET 27700 - AC & Power Electronics (Critical Course)
- (3) ECET 27900 - Embedded Digital Systems
- (3) ECET 33700 - Analog Signal Processing
- (3) ECET 33900 - Digital Signal Processing
- (3) ECET 37600 - Electrical Energy Systems
- (3) ECET 38001 - Global Professional Issues in ET
- (3) ECET 38800 - Analog IC Applications
- (3) ECET 42800 - Audio Electronics Topics
- (3) ECET Selective (choose from list)
- (3) ENGT 18000 - Engineering Technology Foundations
- (1) ENGT 18100 - Engineering Technology Applications
- (3) Senior Capstone I Selective (choose from list)
- (3) Senior Capstone II Selective (choose from list)

Other Department/Program Course Requirements (62 credits)

- (3) CNIT 10500 - Introduction to C Programming
- (3) COM 11400 - Fundamentals of Speech Communication (satisfies Oral Communication for core)
- (3) MA 16010 - Applied Calculus I (satisfies Quantitative Reasoning for core)
- (3) MA 16020 - Applied Calculus II
- (3) MET 49000 - Introduction to Acoustics
- (4) PHYS 21800 - General Physics (satisfies Science for core)
- (4) PHYS 21900 - General Physics II (satisfies Science for core)
- (3) TECH 12000 - Design Thinking in Technology (satisfies Information Literacy and Science, Technology & Society for core)
- (2) THTR 16300 - Introduction to Sound Design (Critical Course)
- (3) THTR 20100 - Theater Appreciation (satisfies Human Cultures: Humanities for core)
- (3) THTR 25300 - Survey of Audio Production or THTR 26300 - Introduction to Sound Studies
- (3) THTR 35300 - Theater Audio Techniques I
- (3) THTR 36800 or DANC 36800 - Theater or Dance Sound Design (2 for Theater Design and Production Minor)
- (1) Advanced Theater Sound Selective (choose from THTR 36300, THTR 56300, THTR 56900 or THTR 59700)
- (3) English Composition Selective (choose from ENGL 10600 or ENGL 10800) (satisfies Written Communication for core)
- (6) Business Selective and General Education Selective (choose from list, with the requirement that the Human Cultures: Behavioral/Social Sciences category for core must be met by either the Business Sel. or a General Education Sel.)

Free Electives (3 credits)

- (3) Free Elective

Choose from list: Refer to the Supplemental Information Sheet for AUET Fall 2016 Plan of Study for a complete list of selectives and requirements.

University Core Requirements

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<tr>
<th>Human Cultures: Behavioral/Social Science</th>
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<td>Science, Technology &amp; Society</td>
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<td>Oral Communication</td>
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<td>Quantitative Reasoning</td>
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*******************************************************************************************************************************
The student is ultimately responsible for knowing and completing all degree requirements.
myPurduePlan is the knowledge source for specific requirements and completion.
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</table>

Refer to the Supplemental Information Sheet for Audio Engineering Technology (AUET) Fall 2016 Plan of Study for a complete list of selectives and requirements. *Fulfills University Core Curriculum requirement. **Human Cultures Behavioral/Social Science for University Core may be selected to satisfy either the Business Selective or a General Education Selective requirement. CCourse is identified as a Critical Course by the faculty.

1. 120 semester credits and a 2.0 Graduation GPA are required for the Bachelor of Science degree.
2. Students must earn a "D-" or better in all courses. Pass/No Pass grading allowed for Free Elective and General Education Sel. only (up to 6 hours).
3. Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.
4. Senior Capstone Selective I/II and 12 hours of ECET Selectives must be taken at the Purdue University location conferring the degree.
5. 32 credit hours of 300-level or higher courses must be completed at Purdue University.

The student ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is the knowledge source for specific requirements and completion.

*******************************************************************************************************************************************

Updated 04/19/2016
Supplemental Information Sheet for Audio Engineering Technology (AUET) Fall 2016 Plan of Study

**ECET Selectives** (3 hours): The ECET Selective can be selected from one of the following courses. Please note that not all ECET Selectives are offered every year.

**Communications**
- ECET 36400 Fundamentals of Electromagnetics
- ECET 37401 Digital Communication Systems
- ECET 44400 Wireless Systems: Design & Meas
- ECET 48400 Digital Wireless Systems

**Computer/Digital**
- ECET 32900 Adv Embedded Digital Systems
- ECET 33500 Computer Arch & Perform Eval
- ECET 34900 Advanced Digital Systems
- ECET 35901 Computer Based DAQ Applications
- ECET 43900 Advanced Digital Signal Processing

**Smart Living**
- ECET 31100 Elec Syst & Signals in Healthcare
- ECET 32100 Introduction to Nanotechnology
- ECET 32700 Instrumentation and DAQ Design
- ECET 34100 Bio-compatibility and Bioissues

**Smart Environment**
- ECET 30201 Introduction to Industrial Controls
- ECET 37200 Instrumentation and DAQ Design
- ECET 37200 Process Control
- ECET 38600 Bldg Elec Codes & Std Practices

**ECET Senior Capstone I and II Selectives** (6 hours): Select one pair of Senior Capstone I and II Selectives:
- ECET 43000 Project/Product Management and ECET 46000 Project Design and Development
- ECET 43100 International Capstone Plan and ECET 46100 International Capstone Project Execution

**Communications Selective** (6 hours): Must complete at least one course from each category (oral communication and written communication).
- **Written communication** (3 hours): ENGL 20500 Creative Writing; ENGL 30400 Advanced Comp; ENGL 42000 Business Writing; ENGL 42100 Technical Writing
- **Oral communication** (3 hours): Any communications (COM) course at the 200 level or higher.

**Business Selective and General Education Selective**: Either the Business Selective or the General Education Selective must be selected from the UCC approved list of courses for Human Culture: Behavior/Social Sciences (http://www.purdue.edu/provost/initiatives/curriculum/course.html).

**Business Selective** (3 hours): Select one of the following (courses that satisfy the UCC Human Cultures Behavior/Social Sciences (BSS) requirement are marked BSS):
- Any Agricultural Economics course (AGEC) at the 200 level or higher: AGEC 20000 or higher.
- Any Economics (ECON) course at the 200 level or higher: ECON 20000 or higher.
- Any Entrepreneurship (ENTR) course at the 200-level or higher: ENTR 20000 or higher.
- Any Management (MGMT) course at the 200-level or higher: MGMT 20000 or higher.
- Or select one of the following courses:
  - AGEC 20300 Intro Microeco for Food & Agribus (BSS)
  - AGEC 20400 Resource Econ & Environ Pol (BSS)
  - AGEC 21700 Economics (BSS)
  - AGEC 25000 Econ Geography of World Food and Resources (BSS)
  - ECON 21000 Principles of Economics (BSS)
  - ECON 25100 Microeconomics (BSS)
  - ECON 25200 Macroeconomics (BSS)
  - CSR 34200 Personal Finance
  - IT 10400 Industrial Organizations
  - IT 23000 Industrial Supply Chain Mgmt
  - IT 33000 Industrial Sales & Sales Mgmt
  - IT 33200 Purchasing, Inventory & Warehouse Resources
  - OLS 25200 Human Relations in Org
  - OLS 27400 Applied Leadership
  - OLS 28400 Leadership Principles
  - OLS 32500 Meeting Management
  - TLI 11100 Gateway to TLI
  - TLI 11200 Foundations of Org Leadership
  - TLI 21300 Project Management
  - TLI 25200 Business Prin for Org Leadership
  - TLI 21400 Ind. Supply Chain Mgmt Tech
  - TLI 34200 Warehouse and Inventory Mgmt
  - TLI 34300 Technical and Service Selling
  - TLI 34250 Purchasing and Contract Mgmt

**General Education Selectives** (3 hours). The General Education Selective must be selected from the following subject areas (disciplines):
- African American Studies (AAS)
- Art and Design (AD)
- Asian American Studies (ASAM)
- American Sign Language (ASL)
- Bands (BAND)
- Classics (CLCS)
- Comparative Literature (CMPL)
- Communication (COM)
- English (ENGL)
- Ethnic Studies (EVST)
- Foreign Languages (FL)
- History (HIST)
- Interdisciplinary Studies (IDIS)
- Linguistics (LING)
- Music History and Theory (MUS)
- Philosophy (PHIL)
- Political Science (POL)
- Psychology (PSY)
- Religious Studies (REL)
- Sociology (SOC)
- Student Support Services (SS)
- Theater (THTR)
- Women’s Studies (WOST)
- ROTC (AFT, MILT, NS)

**Advanced Theater Sound Selective**: Choose from: THTR 36300 Sound Design, THTR 56300 Advanced Sound Design, THTR 56900 Special Problems in Audio Production or THTR 59700 Production and Design Seminar.

**Minors**: Minors are offered through a variety of disciplines. The discipline offering the minor establishes the requirements. A minor is not required.

**Theater Design and Production Minor**: Students who complete the AUET major and one additional hour of THTR/DANC 368 may be eligible for the Theater Design and Production Minor. The minor requires an additional credit hour (which can be used to satisfy the Free Elective); at least 50% of the courses for the minor must be taken at Purdue University.

**Upper-level courses**: At least 32 hours of upper level (300 level or higher) must be completed at Purdue University; ECET Senior Capstone I and II Selectives and at least 12 hours of ECET Selectives must be completed at the Purdue University location conferring the degree.

Updated 04/18/2016