

## Supplemental Audio Engineering Technology (AUET) Information Fall 2015 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

### 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

ECET 43600 Elec Power Tran Distrib & Smart Control

### Smart Mobility

ECET 32300 Intro to Elec Vehicle Systems  
ECET 33300 Power Electronics in Energy System  
ECET 37300 Applied Electronic Drives  
ECET 42301 Elec Vehicle Integr/Fabrication

### 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 Environment

ECET 30201 Introduction to Industrial Controls  
ECET 32700 Instrumentation and DAQ Design  
ECET 37200 Process Control  
ECET 38600 Bldg Elec Codes & Std Practices

### Study Abroad/Professional Practice

ECET 49900 Sustainable Energy Technologies  
ECET Co-op Sessions 4 and

**Advanced Theater Sound Selective:** Choose from:

THTR 36300 Sound Design  
THTR 56300 Advanced Sound Design  
THTR 56900 Special Problems in Audio Production  
THTR 59700 Production and Design Seminar

**Communications Selective (6 hours):** Must complete at least one course from each category (oral communication and written communication).

- **Written communication (3 hours).** ENGL 20500 Introduction to Creative Writing; ENGL 30400 Advanced Composition; 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:

- Any Agricultural Economics course (AGEC) at the 200 level or higher: AGECE 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. Specific courses that will satisfy the University Core Curriculum Human Cultures Behavior/Social Sciences (BSS) requirement are indicated with a BSS.

AGEC 20300 Int to Microecon for Food & Agribus (BSS)  
AGEC 20400 Intro to Resource Economics and Environmental Policy (BSS)  
AGEC 21700 Economics (BSS)  
AGEC 25000 The Economic Geography of World Food and Resources (BSS)

CSR 34200 Personal Finance  
ECON 21000 Prin of Economics (BSS)  
ECON 25100 Microeconomics (BSS)  
ECON 25200 Macroeconomics (BSS)  
IT 10400 Industrial Organizations  
IT 23000 Industrial Supply Chain Mgmt  
IT 33000 Industrial Sales & Sales Mgmt

IT 33200 Purchasing, Inventory & Warehouse  
OLS 25200 Human Relations in Org  
OLS 27400 Applied Leadership  
OLS 28400 Leadership Principles  
OLS 32500 Meeting Management

**General Education Selectives (3 hours).** The student may select the General Education Selective from the following subject areas (disciplines):

African American Studies (AAS)  
Art and Design (AD),  
American Studies (AMST)  
Anthropology (ANTH)  
Asian American Studies (ASAM)  
American Sign Language (ASL)  
Bands (BAND)  
Classics (CLCS)  
Comparative Literature (CMPL)

Communication (COM)  
English (ENGL)  
Foreign languages (except for courses in a student's native language)  
History (HIST)  
Interdisciplinary Studies (IDIS)  
Linguistics (LING)  
Music History and Theory (MUS)

Philosophy (PHIL)  
Political Science (POL)  
Psychology (PSY)  
Religious Studies (REL)  
Sociology (SOC)  
Theater (THTR)  
Women's Studies (WOST)  
ROTC (AFT, MILT, NS)

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

**THTR Design and Production Minor:** Students who complete THTR 16300, THTR 20100, THTR 25300 or THTR 26300, THTR 35300, THTR 36800 or DANC 36800 (2 credit hours total), and one additional Theater course (from an approved list) will be eligible for the THTR Design and Production Minor (<https://www.cla.purdue.edu/students/academics/programs/pos/MTHDT200920.pdf>). The minor requires an additional three credit hours (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 430, ECET 460 and at least 12 hours of ECET Selectives must be completed at the Purdue University location conferring the degree.

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