

Spring 2026 Courses in Speech and Audio Processing

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Here's info about courses related to audio engineering, audio technologies, and speech processing being offered in the spring 2026 semester. In the BSECE degree, courses below can be applied to [Free Electives](#). They can also be applied to the other [eight technical cores](#) unless they've been marked with **. To substitute any of the upper division courses given below into a technical core, you would only need to obtain the approval of one of the 90 ECE faculty members – see the first page of the [Technical Core Packet](#) for more info. *Departmental acronyms:* AET Arts & Entertainment Technologies; LIN Linguistics; and SLH Speech, Language and Hearing.

AET 321C Audio Processing

AET 323G Generative Audio Programming

AET 339 AI in Music and Sound

AET 339 DIY Synthesizers

C S 342S Intro to Speech and Audio Processing

EE 438 Fundamental of Electronic Circuits Lab - hardware lab and pre-req for EE 438K which designs audio amplifiers

LIN 315 Speech Science

LIN 344K Phonetics: Production/Perception of Speech Sounds

LIN 371 Machine Learning Textual Analysis

ME 379Q Musical Acoustics **not offered**

MUS 319D Foundations in Music Technology **

MUS 329E Intro to Electronic Media **not offered**

MUS 329G Intermediate Electronic Composition - in the past, students had to contact the instructor and request to be registered in the course (has pre-requisite of MUS 329E)

SLH 313L Hearing Science **

SLH 113P Hearing Science: Lab **

SLH 315S Speech Science **

** The courses may not qualify as electives for technical cores other than Academic Enrichment / Free Electives.

If you substitute any non-engineering courses as technical core electives, then you'll want to make sure that you have [enough engineering topic hours to satisfy ABET requirements](#). Please check with the undergraduate advising office. ABET is a national organization that accredits BS degrees in engineering and technology.