

AUDIO DEVICES AND SIGNAL PROCESSING GRADUATE CREDIT CERTIFICATE PROGRAM

Person-in-Charge	Julianna Simon
Program Code	ADSP_GCT
Campus(es)	University Park World Campus

The Graduate Program in Acoustics Audio Devices and Signal Processing Certificate provides working professionals as well as residents students specific audio device and signal processing knowledge that can support career goals or needs. Specifically, students will be required to take courses in signal analysis for acoustics and vibration and electroacoustic transducers. In addition to those required courses they have the opportunity to specialize with additional education in signal analysis, transducers, spacial sound and 3D audio as well as architectural acoustics theory and applications. This certificate provides flexibility for students to choose online or in-person electives that best suit their needs beyond the required courses. Nine (9) acoustics course credit hours with a "C" or better are required. All completed acoustics certificate courses with a "B" or better can be applied to the Acoustics M.Eng., M.S., or Ph.D. degree programs subject to restrictions outlined in GCAC-309 Transfer Credit (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-309-transfer-credit/>). Certificate students who wish to have certificate courses applied towards a degree in Acoustics must apply and be admitted to that degree program. Admission to an acoustics graduate degree program is a separate step and is not guaranteed. Completion of the three certificates and the M.Eng Capstone Course, with a minimum of a 3.0 GPA could earn the M.Eng degree.

Effective Semester: Fall 2025

Expiration Semester: Spring 2030