

Program Description
Master of Science in Architectural Studies/Ph.D.

Architectural Acoustics

The graduate program in architectural acoustics at the University of Florida offers a course of study that leads to Master of Science and Ph.D. degrees. The focus of the program is to address the theories and practice of acoustics in architectural settings. Acoustics, as an architectural specialization at UF SoA, dates back to 1959 when Bertram Y. Kinzey, Jr. joined the faculty as a young assistant professor espousing collaboration and integration of architectural acoustics and environmental technology in architectural design. One of Kinzey's many students, Gary Siebein has carried the integration of technology lineage forward establishing UF as one of the premier architectural acoustics programs in the nation. The M.S.A.S. in Architectural Acoustics is a nonprofessional degree for advanced investigations in specialized areas. Students with a bachelor's degree in any discipline from an accredited university are eligible to apply to this program. The Master of Science in Architectural Acoustics is a 3- to 4-semester program (36 hours minimum). Core courses are offered in basic acoustical principles and the acoustical design of buildings. Students study room acoustics, noise control, and urban soundscapes and are required to complete a thesis project in one of these areas. They gain experience in field measurement techniques, computer calculations, ray diagramming, and scale modeling. Additional study is pursued through individual research and thesis projects. Examples of previous projects include acoustical scale modeling, the acoustics of the case of an organ, measurements of new indices of acoustical quality in various auditoria, and studies of subjective musical quality.