

Only the german version of the module description as part of the study regulations is legally binding.

Module name	Acoustics Specialization - Sound Design
Module number	INF-25-Ma-NSP-AKU1
Responsible lecturer	Prof. Dr. Ercan Altinsoy ercan.altinsoy@tu-dresden.de
Qualification objectives	Students have in-depth knowledge of methodology and can independently plan applications using typical information matic methods, assess the corresponding challenges and implement them successfully. They are able to understand problems in acoustics and sound design and understand how to develop solutions using computer science approaches. They are qualified to work and provide guidance in interdisciplinary projects and teams.
Content	The contents of the module are methods of sound design, in particular the relationship between acoustic n signals as carriers of information and the associated auditory perceptions and, in this context, the consideration of perceptual aspects of sounds.
Teaching and learning methods	The module comprises lectures of 2 p WS, projects of 30 hours and self-study. The teaching language of the lectures and the projects may be German or English and will be specified by the lecturer at the beginning of each semester and announced in the usual manner.
Prerequisites for participation	In the Diploma degree program in Computer Science, the competences to be acquired in the module INF-25-Ma-NGR-AKU Acoustics Fundamentals n are a prerequisite.
Applicability	The module is a compulsory module of the non-computer science supplement Acoustics in the Diploma program in Computer Science in the main course. The module creates the prerequisites for the modules listed under prerequisites for participation.
Requirements for earning credit points	The credit points are earned if the module exam üfung is passed. The module examination consists of a complex assignment of 30 hours. The examination language may be German or English and will be specified by the lecturer at the beginning of each semester and announced in the usual manner.
Credit points and grades	6 credit points can be earned through the module . The module grade corresponds to the grade of the examination.
Module frequency	The module is offered every winter semester.
Workload	The total workload is 180 hours nden.
Module duration	The module comprises one semester ter.