

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

Module name	Interactive Multimedia Technologies Lab
Module number	INF-25-Ba-P-IMMT
Responsible lecturer	Prof. Dr. Raimund Dachzelt raimund.dachselt@tu-dresden.de
Qualification objectives	Students can practically apply their knowledge of the design and implementation of interactive systems. They have the ability to use the skills required for the complexity of the problem to realize multimedia applications in a goal-oriented manner as a team and to apply them together. Students have experience of the mechanisms within a team that influence the success of a project.
Content	Contents of the module are the conception and realization of a multimedia application, an application system or its extension in the field of interactive multimedia technologies. Further contents of the module are requirements elicitation and analysis, design, implementation, evaluation and documentation.
Teaching and learning methods	The module comprises practical courses of 4 SWS and self-study. The language of instruction for the practicals is German.
Prerequisites for participation	In the Bachelor's degree program in Computer Science, the skills to be acquired in the modules INF-25-Ba-Prg Programming and RoboLab and INF-25-Ba-SWT Software Technology, in particular project management and development, are a prerequisite.
Applicability	In the Bachelor's degree program in Computer Science, the module is a compulsory elective module of the Bachelor's internship, which must be selected in accordance with the annex to the examination regulations g. 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 examination is passed. The module examination consists of a complex course of 80 hours. The examination language is German.
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.
Module duration	The module comprises one semester.