

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

Module name	Interactive multimedia information retrieval
Module number	INF-25-Ma-FHI-IMIR
Responsible lecturer	Dr. Annett Mitschick annett.mitschick@tu-dresden.de
Qualification objectives	Students have application-ready knowledge in the field of interactive retrieval and content-based exploration of multimedia data and documents. They know the essential methods and techniques of realizing demand- and usage-oriented search interfaces and are able to evaluate concrete interactive information retrieval systems and develop their own concepts.
contents	Contents of the module are the basics of information retrieval, methods and techniques for content-based search in multimedia, especially audio-visual data, as well as principles of feature extraction and metadata acquisition. Further contents are the basics of the design of demand- and usage-oriented search interfaces, taking into account findings from the Department of Information Seeking Behaviour.
Forms of teaching and learning	The module includes lectures in the scope of 2 SWS, exercises in the scope of 2 SWS and self-study. The teaching language of the lectures and the exercises can be German or English and will be specified by the lecturer at the beginning of each semester and announced in the usual way.
Requirements for participation	The competences to be acquired in the modules INF-25-Ba-AuD Algorithms and Data Structures, INF-25-Ba-Prg Programming and RoboLab, INF-25-Ba-SWT Software Technology and INF-25-Ba-DMF Data Management Foundations are required in the Computer Science Diploma Programme.
usability	The module is a compulsory elective module in the field of Human-Computer Interaction and Interactive Media in the diploma programme Computer Science in the main course of study, which must be chosen in accordance with Annex 2 to the Examination Regulations. The module in the Master's programme Computer Science is a compulsory elective module in the Open Track in the field of Human-Computer Interaction and Interactive Media as well as the supplement, which must be selected in accordance with Annex 2 to the examination regulations. The module can only be selected once in the Master's programme Computer Science. In the Master's programme in Media Informatics, the module is a compulsory elective module in the field of specialisation modules, which must be chosen in accordance with Section 27(3) of the Examination Regulations. The module cannot be selected in the Master's degree program Computer Science and the Master's degree program Media Informatics if this or a substantially identical module from a degree program with which the admission requirements according to § 3 of the study regulations have been fulfilled, has already been completed. The

	module creates the prerequisites for the modules, which it names under prerequisites for participation.
Conditions for awarding credits	The credit points are earned when the module examination has been passed. The module exam consists of a 90-minute exam. The language of the examination can be German or English and will be specified by the lecturer at the beginning of each semester and announced in the usual manner.
Credits and grades	6 credit points can be earned through the module. The module grade corresponds to the grade of the examination performance.
Frequency of the module	The module is offered every summer semester.
workload	The total workload is 180 hours.
Duration of the module	The module covers one semester.