

Module description: Medical Ethics and Safety			
Module Code	t.BA.MI.MESA.23HS		
ECTS Credits	4		
Language of Instruction/Examination	German		
Organizational Unit	IEM Ltg.		
Module Coordinator	Karin Nordström		
Legal Framework	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.		
Module Characteristic	Type 2a 4 consecutive lecture lessons per semester week and class		
Module Description	Digitization in health care, health apps, online diagnostics, patient dossiers, big data in clinical research... Medical informatics also affects ethical and safety aspects. The module includes a basic introduction to medical ethics and safety. Basic ethical concepts and theories are developed on the basis of various use cases.		
Module Content	Basis concepts and theories of medical ethics Biomedical principles Medical ethics and data Medical ethics and artificial intelligence Research ethics Professional ethics Safety Aspects		
Prerequisite Knowledge			
Learning Objectives (Competences)	Students...	Competencies	Taxonomies
	The students are able to explain and apply basic concepts and theories of medical ethics.	F	K1, K2
	The Students can reflect and work on medical ethical issues in use cases with reference to medical ethical theories.T	F, M	K2, K3, K6
	The students can explain and reflect on central topics of "safety" in the field of medical informatics.	M, F	K2, K3
	The students can can deduce what security relevance an application has and what this means for their own role in development and application.	M, F	K2, K3, K6

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Performance Assessment	End-of-module exam	Assessment	Length (min.)	Weighting	Form	
	written exam	Grade	60	80	acc. to module agreement	
	Performance assessment during the semester		Assessment	Length (min.)	Weighting	Form
	oral exam		Grade	30	20	acc. to module agreement
Classroom Attendance Requirement	None					
Learning material						
Comments	<p>The proof of performance for the module is composed of two partial performances: POP A: presentation in groups: all students of the same group receive the same grade. Overall grade: The module grade is formed from the achieved points of the partial POP A and B. If individual group members do not participate or are insufficiently committed, the person responsible for the module reserves the right to demand an individual substitute performance from them. Written or oral re-examination. Students with an unsatisfactory module grade who have completed both parts of the module performance record are admitted to the re-examination.</p>					