

Module title		Abbreviation
Advances in Technologies		o6-EST-TAD-232-m01
Module coordinator		Module offered by
holder of the Chair of Integrative and Experimental Exercise Science and Training		Institute of Sport Science
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Technological and digital developments (e.g., apps and wearables, artificial intelligence, training equipment) in relation to processes for developing and maintaining various functional systems through physical activity and/or training in the fields of health-related sports, recreational sports, fitness sports, and/or competitive sports.		
Intended learning outcomes		
Students know and understand various technological and digital developments for processes for developing and maintaining different functional systems through physical activity and/or training in the fields of health-related sports, recreational sports, fitness sports, and/or competitive sports. The students can explain, classify, and evaluate these developments. They can apply the technology to provide targeted recommendations for action.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
Assessment group Seminar: a) oral examination of one candidate each (approx. 30 minutes) or b) presentation (15 to 30 minutes) with written elaboration (10 to 15 pages) or c) portfolio (15-20 pages) Language of assessment: English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
Teaching cycle: once a year		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Exercise Science and Training (2023)		