


Study plan 2024_25 Master Research on Teaching and Learning (3rd semester, last cohort)

3. (WS 24/25)	COMPULSORY MODULES		ELECTIVE MODULES INTERNSHIP(S)*		ELECTIVE MODULES B (5 ECTS required)				
	Module ED0229 (P: presentation) "Educational Processes and Outcomes"	Module ED0230 (P: presentation) "Research on Teaching and Learning: Specialization"	Module ED236 (SL: report) "Research Internship"	Module ED0237 (SL: report) "Internship in Educational Institutions"	Modul ED0233 (SL: portfolio) "Analysis of Variance" 5ECTS	Modul ED0234 (SL: portfolio) "Video Analysis" 5ECTS	Modul ED0235 (SL: portfolio) "Analysis of Interview Data, Learning Journals and Portfolios" 5ECTS	Module SOT10079 (SL:portfolio) Documenting Tangible Computational Design for Learning 5 ECTS	
	Seminar "Development of research instruments"	Seminar „Selected Issues in Educational Research"	internship (3 weeks, 5 ECTS)	internship (3 weeks, 5 ECTS)	Seminar "Scientific writing"	Seminar "Scientific writing"	Seminar "Scientific writing"	Seminar "Scientific writing"	
	Exercise course "Conducting assessments in different modalities"		Module ED035 (SL: report) Extended Research Internship	Modul ED0356 (SL: report) Extended Internship in Educational Institutions"	Seminar "Analysis of variance procedures"	Seminar "Video analysis"	Seminar "Analysis of interview data, learning journals and portfolios"	Seminar "Tangible Computational Design for Learning"	
			Internship (6 weeks, 10 ECTS)	Internship (6 weeks, 10 ECTS)					
	10	5	10		5			30	
4. (SS 25)	Master's Thesis ED0353								30
Graduation 									120

Previous Semesters

Sem.	Modules								ECTS per Sem.
1.(WS23_24)	COMPULSORY MODULES				ELECTIVE MODULES A (5 ECTS required)				20-25
	Module 1, ED0223 (P: exam) "Introduction to Methods in Teaching and Learning Science"	Module 3, ED0232 (SL: presentation) "Writing and Presentation Skills"	Module 4, ED0224 (P: presentation) "Institutions in the International Context of Educational Systems"	Module 5.1, ED0225 "Models and Theoretical Conceptions of Teaching and Learning Research"	Module 2, ED031 (SL: portfolio) "Reading and Administration of Literature" 5 ECTS	Module 19, ED0384 (SL: project report) "Active Learning" 5 ECTS	Module SOT10030 (SL: written or oral exam) Gaze-based Human-Computer Interaction 6 ECTS		
	Lecture "Introduction to quantitative methods"	Seminar "Basic scientific writing"	Seminar "Organization and Management in educational systems"	Seminar "Models and theoretical conceptions of teaching and learning research"	Module SOT10032 (SL: presentation) Tangible Computational Design for Learning 3 ECTS	Module SOT10051 (SL: presentation) Introduction to Python 3 ECTS	Module SOT10034 (SL: presentation) "Hackathon: AI Ethics Literacy in Educational Technologies" 3 CTS		
	Exercise course "Introduction to quantitative methods"	Seminar "Presentation skills"	Seminar "Educational systems and achievement"	Seminar "Qualitative and quantitative research methods of classroom research"	Module SOT10045 (SL:Portfolio) Introduction to Educational Technology and Learning Analytics"	Module SOT10055 (SL: project work) Learning Analytics: RTL Specialization 5 ECTS			
	5	5	10		5/3	5/3	6/3		
2. (SS24)	COMPULSORY MODULES				ELECTIVE MODULES A		ELECTIVE MODULES B		
	Modul 6, ED0226 (P: exam) "Advanced	Modul 7, ED0227 (P: essay) "Educational	Modul 8, ED0228 (P: presentation) "Teaching and	Modul 5.2, ED0225	Module ED0416 (SL: portfolio) "Doing Research	Module SOT10045 (SL:Portfolio)	Module SOT10073	Module SOT10074	

	Methods in Teaching and Learning Science”	Institutions and their Quality Development”	Learning Processes in Classrooms and Instructional Design”	(P: project report) "Models and Theoretical Conceptions of Teaching and Learning Research”	with the Software R”	Introduction to Educational Technology and Learning Analytics”	Advanced Seminar: Dashboards in Educational Sciences (Prof. Dr. Oleksandra Poquet) (only 4 ECTS!)	Tutorials in Quantitative Social Sciences (Prof. Dr. Oleksandra Poquet) 5 ECTS
	Lecture “Test theory and advanced methods in teaching and learning science”	Seminar "Basics of quality development and quality assurance"	Seminar "Introduction to teaching and learning processes in classrooms and instructional design"	Seminar "Planning and implementation of research works in classroom research I”			Also possible as A elective!	
	Exercise course “Test theory and advanced methods in teaching and learning science”	Seminar "Quality development by professionalization"	Seminar "Planning and evaluating educational research"					
		Seminar "Quality assurance by evaluation"	Seminar "Planning and implementation of research works in classroom research II"					
	5	10	10	10	5			33-40

Note*

1. P: graded module; SL: pass/fail credit requirement;
2. Students need 10 ECTS of elective modules (two modules). 5 ECTS from elective group A, 5 ECTS from elective group B;
3. Students need 10 ECTS of internships.