

Study plan 2020, Master Research on Teaching and Learning

Sem.	Modules					ECTS per Sem.	
1. (WS)	COMPULSORY MODULES				ELECTIVE MODULES A		20-25
	<u>Module 1, ED0223</u> (P: exam) "Introduction to Methods in Teaching and Learning Science"	<u>Module 3, ED0232</u> (SL: presentation) "Writing and Presentation Skills"	<u>Module 4, ED0224</u> (P: presentation) "Institutions in the International Context of Educational Systems"	<u>Module 5.1, ED0225</u> "Models and Theoretical Conceptions of Teaching and Learning Research"	<u>Module 2, ED031</u> (SL: portfolio) "Reading and Administration of Literature"	<u>Module 19, ED0384</u> (SL: project report) "Active Learning"	
	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"	Seminar "Active reading strategy"	Seminar "Active learning"	
	Exercise course "Introduction to quantitative methods"	Seminar "Presentation skills"	Seminar "Educational systems and achievement"	Seminar "Qualitative and quantitative research methods of classroom research"	Seminar "Literature administration and knowledge organization"	<u>Module 18.1, ED0416</u> (SL: portfolio) "Doing Research with the Software R"	
			Seminar "Researching educational systems/project seminar"			Seminar "Getting started in R"	
5	5	10			5		
2. (SS)	COMPULSORY MODULES				ELECTIVE MODULES A		35-40
	<u>Modul 6, ED0226</u> (P: exam) "Advanced Methods in Teaching and Learning Science"	<u>Modul 7, ED0227</u> (P: essay) "Educational Institutions and their Quality Development"	<u>Modul 8, ED0228</u> (P: presentation) "Teaching and Learning Processes in Classrooms and Instructional Design"	<u>Modul 5.2, ED0225</u> (P: project report) "Models and Theoretical Conceptions of Teaching and Learning Research"	<u>Module 18.2, ED0416</u> (SL: portfolio) "Doing Research with the Software R"		
	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"	Seminar "Data analysis in R: Advanced Applications"		
	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		

3. (WS)	COMPULSORY MODULES		ELECTIVE MODULES INTERNSHIP		ELECTIVE MODULES B	
	<u>Module 9, ED0229</u> (P: presentation) "Educational Processes and Outcomes"	<u>Module 13, ED0230</u> (P: presentation) "Research on Teaching and Learning: Specialization"	<u>Module 14, ED236</u> (SL: report) "Research Internship"	<u>Module 15, ED0237</u> (SL: report) "Internship in Educational Institutions"	<u>Modul 10, ED0233</u> (SL: portfolio) "Analysis of Variance"	<u>Modul 11, ED0234</u> (SL: portfolio) "Video Analysis"
	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"
	Exercise course "Conducting assessments in different modalities"		<u>Module 16, ED035</u> (SL: report) "Extended Research Internship"	<u>Modul 17, ED0356</u> (SL: report) "Extended Internship in Educational Institutions"	<u>Modul 12, ED0235</u> (SL: portfolio) "Analysis of Interview Data, Learning Journals and Portfolios"	
			internship (6 weeks, 10 ECTS)	internship (6 weeks, 10 ECTS)	Seminar "Scientific writing"	Seminar "Analysis of interview data, learning journals and portfolios"
	10	5	10		5	30
4. (SS)	Master's Thesis					
						30
						120

Note*

1. P: graded module; SL: pass/fail credit requirement;
2. Students need 10 ECTS of elective modules (two modules). One from elective group A, one from elective group B;
3. Students need 10 ECTS of internships. It could be Module 14+15, Module 16, or Module 17.