

Recommended Course Sequence

Subject Mathematics									
Sem.	Module/Courses	Type	h	ECTS	ECTS-Credit Points (workload)				
					5	10	15	20	
I	1 Linear Algebra								
	1.a. Linear Algebra [STEOP]	VO	4	6					
	1.b. Linear Algebra	PS	3	4					
	4 Mathematical Working and Occupational Profile								
	4.b. Occupational Profile Mathematics Teacher	VO	1	0,5					
	Total		8	10,5					10,5
II	2 Algebra and Discrete Mathematics								
	2.a. Algebra and Discrete Mathematics	VO	4	6					
	2.b. Algebra and Discrete Mathematics	PS	3	4					
	4 Mathematical Working and Occupational Profile								
	4.a. Mathematical Software 1	PS	2	2					
	Total		9	12					12
III	3 Analysis 1								
	3.a. Analysis 1	VO	4	6					
	3.b. Analysis 1	PS	3	4					
	5 Mathematical Software 2								
	Mathematical Software 2	PS	2	2,5					
	Total		9	12,5					12,5
IV	6 Stochastics								
	6.a. Stochastics	VO	4	6					
	6.b. Stochastics	PS	3	4					
	13 Didactics of Mathematics 1								
	13.a. Didactics of Mathematics 1	VO	2	3					
	13.b. Didactics of Mathematics 1	PS	1	2					
	Total		10	15					15
V	7 Geometry								
	7.a. Geometry	VO	4	6					
	7.b. Geometry	PS	3	4					
	14 Didactics of Mathematics 2								
	14.a. Didactics of Mathematics 2	VO	2	3					
	14.b. Didactics of Mathematics 2	PS	1	2					
	Total		10	15					15
VI	8 Analysis 2 for Prospective Teachers								
	8.a. Analysis 2 for Prospective Teachers	VO	4	6					
	8.b. Analysis 2 for Prospective Teachers	PS	3	4					
	10 Algebra and Geometry at School <i>(Prerequisites: successful completion of compulsory modules 1, 2)</i>								
	Algebra and Geometry at School	VU	2	2,5					
	Total		9	12,5					12,5
VII	9 Analysis and Stochastics at School <i>(Prerequisites: successful completion of compulsory modules 3 and 6)</i>								
	Analysis and Stochastics at School	VU	2	2,5					
	15 Subject-Didactical Seminar <i>(Prerequisites: successful completion of compulsory modules 1, 2, 3, 6 and 13)</i>								
	Subject-Didactical Seminar	SE	3	5					
	16 Subject-Related Practical Course <i>(Prerequisites: successful completion of compulsory modules 1, 2, 3, 6 and 13)</i>								
	Subject-Related Practical Course	PR	1	5					
	Total		6	12,5					12,5
VIII	11 History and Philosophy of Mathematics 1								
	History and Philosophy of Mathematics 1	VO	2	2,5					
	12 Bachelor's Thesis <i>(Prerequisites: successful completion of compulsory modules 1, 2, 3, 6 and 13)</i>								
	Seminar with Bachelor's Thesis	SE	2	7,5					
	Total		4	10					10
Total			65	100					

Recommended Course Sequence

Education Studies										
Sem.	Module/Courses	Type	h	ECTS	thereof pedagogical-practical studies per ECTS-Credits	ECTS-Credit Points (workload)				
						5	10	15	20	
I	1 Introduction to Teaching: Becoming a Professional									
	1.a. School as an Educational Institution and Role of the Teacher [STEOP]						VO	2	2	0
	1.b. School as an Educational Institution and Role of the Teacher						PS	2	2	2
	Total							4	4	2
II	1 Introduction to Teaching: Becoming a Professional									
	1.c. Dealing with the Challenges as a Teacher at School – Teaching Practice I						PR	2	3,5	3,5
	Total							2	3,5	3,5
III	2 Learning, Teaching and Research in the Context of Diversity <i>(Prerequisites: successful completion of Compulsory Module 1)</i>									
	2.a. Learning and Teaching in the Context of Diversity						VO	2	2	0
	2.b. Learning and Teaching in the Context of Diversity						PS	1	2	1
	2.c. Educational Research and Development of School and Teaching						VO	1	1,5	0
	2.d. Educational Research and Development of School and Teaching						PS	1	2	1
Total							5	7,5	2	
IV	3 Diagnosing, Counselling, Educating, Teaching, and Assessing <i>(Prerequisites: successful completion of Compulsory Module 1)</i>									
	3.a. Diagnosing and Counselling						VO	2	2	0
	3.b. Diagnosing and Counselling						PS	2	2	1
Total							4	4	1	
V	3 Diagnosing, Counselling, Educating, Teaching, and Assessing <i>(Prerequisites: successful completion of Compulsory Module 1)</i>									
	3.c. Educating and Assessing – Teaching Practice II						PR	2	3,5	2,5
Total							2	3,5	2,5	
VI	4 Profession-specific profiling as a teacher in the occupational field of school I <i>(Prerequisites: successful completion of Compulsory Modules 1)</i>									
	Profession-specific knowledge and action						PS	2	2,5	2,5
Total							2	2,5	2,5	
VII	5 Profession-specific profiling as a teacher in the occupational field of school II <i>(Prerequisites: successful completion of Compulsory Modules 2, 3 and 4)</i>									
	5.a. Profession-specific knowledge and action Teaching Practice IIIa and IIIb						PR	2	7,5	7,5
Total							2	7,5	7,5	
VIII	5 Profession-specific profiling as a teacher in the occupational field of school II <i>(Prerequisites: successful completion of Compulsory Modules 2, 3 and 4)</i>									
	5.b. Integration of profession-specific competences						PS	2	2,5	2
Total							2	2,5	2	
I - VIII	6 Current Topics in School and Education Research									
	One course with a total of 2.5 ECTS-Credits must be selected from the following topical areas:									
	VO Gender Sensitivity in the Educational System									
	VO Inclusion and Heterogeneity in the Educational System									
	VO Multilingualism and Interculturality in the Educational System									
	VO Plurality of World Views						VO	2	2,5	
Total							2	2,5		
III - VIII	7 Current Topics in School and Education Research									
	Courses for advanced study of the topics of modules 1 to 4 or courses on topics in current education science of the accordingly marked course offer resp.							2	2,5	0,5
Total							2	2,5	0,5	
Total				27	40			23,5		

* additionally, 10 ECTS-Credit per subject out of didactics is given

Composition of pedagogical-practical studies

Bachelor's Programmes: 23,5 ECTS-Credits educational basics + 10 ECTS-Credits didactics

Master's Programmes: 5 ECTS-Credits educational basics + 2 ECTS-Credits didactics