

Schematic Study Plan for Mathematics

B.Sc Mathematics (180 CP)						
Year 3	Bachelor Thesis and Seminar (m, 15 CP)				Big Questions (me, 5 CP)	Big Questions (me, 2.5 CP)
	Study Abroad Option (22.5 CP)				Community Impact Project (m, 5 CP)	Big Questions (me, 2.5 CP)
	Specialization (me, total 15 CP)					
Internship/Start-Up (m, total 15 CP)						
Year 2	CORE Discrete Mathematics (me, 5 CP)	CORE Under-graduate Seminar I + II (m, 5 CP)	CORE Analysis III (m, 7.5 CP)	CORE Profile Mathematics or Minor Study Program (me, total 15 CP)	Methods/Skills Numerical Methods (m, 5 CP)	Language (me, 2.5 CP)
	CORE Number Theory (me, 5 CP)		CORE Introductory Algebra (m, 7.5 CP)		Methods/Skills Probability and Random Processes (m, 5 CP)	Language (me, 2.5 CP)
Year 1	CHOICE* Linear Algebra (m, 7.5 CP)	CHOICE Applied Mathematics (m, 7.5 CP)	CHOICE Own Selection (me, 7.5 CP)	Methods/Skills Calculus and Elements of Linear Algebra II (m, 5 CP)	Language (me, 2.5 CP)	
	CHOICE* Analysis I (m, 7.5 CP)	CHOICE Own Selection (me, 7.5 CP)	CHOICE Own Selection (me, 7.5 CP)	Methods/Skills Calculus and Elements of Linear Algebra I (m, 5 CP)	Language (me, 2.5 CP)	
Area	CHOICE / CORE 90 CP				JACOBS TRACK 45 CP	

* mandatory for minor students
m = mandatory
me = mandatory elective