Programme Schedule for
Master's Programme in Engineering Mathematics, 120 credits

Programme code: AMM04

Valid for the academic year 2024/2025

About the programme schedule

Every degree programme has an established programme syllabus in which all the courses included in the programme appear, divided up by academic year. The programme syllabus is supplemented annually with a programme schedule stating in which term and study period a programme course is run, in which city it takes place, if it collides with another course, and so on. The programme schedule is valid for one year at a time.

K1, K2 etc. in the study period columns indicate timetable positions and show whether the courses collide or not. Courses with the same K-value collide; courses with different K-values do not collide. Courses with the value “X” can collide with other courses in the study period. “E” indicates that the course is given in Eskilstuna and “V” that it is given in Västerås.

In the column “Overlapping courses” is indicated courses that wholly or partly overlap with the current course on that row. If you have read overlapping courses you may only be accredited with overlapping credits once in a degree. Contact your Study Adviser for more information.

Level and Classification of Progressive Specialisation

The University uses the following designations for the classification of progressive specialisation, where "G" indicates that the course belongs to a programme at first-cycle level and "A" that the course belongs to second-cycle level:

G1N	course with only upper secondary school entry requirements
G1F	course with less than 60-credit course/courses at first-cycle level as entry requirements
G1E	course including a specially-designed degree project for a higher education diploma
G2F	course with at least 60-credit course/courses at first-cycle level as entry requirements
G2E	course with at least 60-credit course/courses at first-cycle level as entry requirements and which includes a degree project for a Bachelor's degree
GXX	course which cannot be classified according to the above model
A1N	course with only course/courses at first-cycle level as entry requirements
A1F	course with course/courses at second-cycle level as entry requirements
A1E	course which includes a degree project for a Master's degree (60 credits)
A2E	course which includes a degree project for a Master's degree (120 credits)
AXX	course which cannot be classified according to the above model

Choice within the programme

For every student, an individual study plan will be written in conjunction with the programme coordinator

To be able to be admitted to a course you must always fulfil the specific eligibility requirements which are stated in the course syllabus, regardless of whether you have a guaranteed place or not.

Other information

Depending on the number of applicants for the individual courses, courses may be cancelled.

The language of instruction is English.

Terms 1 and 2 for programmes starting in autumn term 2024 (AMM04)

Level/ Specialisation	Application code	Course code	Title/Course name	Credits	City	Rate of study	AT 1a	AT 1b	AT 2a	AT 2b	ST 3a	ST 3b	ST 4a	ST 4b	Overlapping courses
A1N	21192	MAA516	Multivariate Statistical Analysis	7,5	V	50	K4	K4							MAA508, MAA510
G2F	21191	MAA323	Fourier Analysis	7,5	V	50	K1	K1							
A1N	21156	MAA704	Applied Matrix Analysis	7,5	V	50			K4, K5a	K4, K5a					
A1N	21170	MMA500	Discrete Mathematics, a Second Course	7,5	V	50			K2	K2					
G1F	11294	MAA042	Numerical methods with MATLAB	7,5	V	50					K1, K5b	K1, K5b			
A1N	11119	MAA507	Mathematics of Internet	7,5	V	50					K3	K3			
G2F	11108	MAA315	Operations Research	7,5	V	50					K4, K5a	K4, K5a			MMA515
A1N	11120	MAA600	Graph Theory, Networks and applications	7,5	V	50					K1	K1			
A1N	11137	MMA503	Foundations of Real Analysis	7,5	V	50					K2	K2			
A1E	11201	MAA045	Master's Degree Project in Mathematics	15	V	50					X	X	X	X	
G1F	11203	MMA291	Project in Mathematics	7,5	V	25					X	X	X	X	
G2F	11106	MAA313	Simulation	7,5	V	50							K2	K2	MMA703
A1N	11110	MAA513	Computational complexity	7,5	V	50							K4	K4	

Term 3 and 4 for programmes started in autumn term 2023 (AMM04)

Level/ Specialisation	Application code	Course code	Title/Course name	Credits	City	Rate of study	AT 1a	AT 1b	AT 2a	AT 2b	ST 3a	ST 3b	ST 4a	ST 4b	Overlapping courses
A1F	21118	MAA517	Numerical Linear Algebra	7,5	V	50	K3	K3							
A1N	21115	MAA512	Data analysis, clustering and classification	7,5	V	50	K2	K2							
A1N	21153	MAA700	Optimization	7,5	V	50			K2	K2					MAA703
A1N	21171	MMA501	Abstract Algebra	7,5	V	50			K3	K3					
A2E	11200	MAA044	Master's Degree Project in Mathematics	30	V	100					X	X	X	X	