

Programme Schedule for Analytical Finance, 180 hp

Program code: RMV20

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.

Courses which belong to the main field of study Financial Engineering for a degree have been marked with “X” in the column Main field of study.

C1, C2 etc. in the study period columns indicate timetable positions and show whether the courses collide or not. Courses with the same C-value collide; courses with different C-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 Advisor 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

During the course of your education you can be given the possibility of choosing courses within the programme. The choice is made by 15 April at the latest for an autumn term and by 15 October at the latest for a spring term. Prior to these choices the host School will provide information about the different options and about how to choose.

When you make your choices you must always base these on the programme syllabus together with the degree requirements for the degree you wish to obtain. Contact your Study Advisor for more information.

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. You should therefore state reserve alternatives when choosing courses. The language in all courses is English.

Terms 1 and 2 for programmes starting in the autumn term 2024 (RMV20)

Main field of study	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	Over-lapping courses
	G1N	21258	MAA050	Mathematics for Economics and Business	7,5	V	50	K4, K5a	K4, K5a							MMA300
	G1N	23003	NAA143	Basic Microeconomics	7,5	V	50	K3	K3							See course syllabus
	G1N	21045	MAA051	Vector Algebra	7,5	V	50			K2, K5	K2, K5					MAA140 MAA150
	G1N	23007	NAA142	Applied Microeconomics	7,5	V	50			K3	K3					See course syllabus
	G1N	AA048	MAA048	Single Variable Calculus	7,5	V	50					K2, K5	K2, K5			MAA141 MAA149 MAA151
	G1N	13033	FOA189	Financial Accounting	7,5	V	50					K3	K3			FOA133 FOA146 FOA166
X	G1F	11202	MAA303	Introduction to Financial Mathematics ¹	7,5	V	50							K1, K5b	K1, K5b	
	G1N	13044	FOA171	Management Accounting	7,5	V	50							K3	K3	FOA133 FOA147

¹ Also classified as a course in Economics

Terms 3 and 4 for programmes started in the autumn term 2023 (RMV20)

Main field of study	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
	G1F	21137	MAA152	Calculus of Several Variables	7,5	V	50	K3, K4b	K3, K4b							MAA305
	G1N	23052	NAA135	Macroeconomic Principles	7,5	V	50	K2	K2							NAA116 NAA119
	G1N	23043	NAA136	International Trade Theory	7,5	V	50			K4	K4					NAA116 NAA119 NAA131
	G1N	24039	DVA117	Programming	7,5	V	50			K1, K3	K1, K3					
	G1F	11294	MAA042	Numerical Methods with MATLAB	7,5	V	50					K1, K5b	K1, K5b			MMA307
	G1F	11124	MMA306	Probability	7,5	V	50					K2, K5a	K2, K5a			
X	G2F	11127	MMA308	Methods of Statistical Inference ¹	7,5	V	50							K2, K5a	K2, K5a	
	G2F	11060	ENA802	Academic English for Degree Projects	7,5	V	50							X	X	

¹ Also classified as a course in Economics

Terms 5 and 6 for programmes started in the autumn term 2022 (RMV20)

Main field of study	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	Over-lapping courses
X	G2F	21136	MAA321	Analytical Finance with MATLAB	7,5	V	50	K1	K1							MMA700 MAA312
X	G2F	21145	MAA320	Introduction to Stochastic Processes	7,5	V	50	K3	K3							
	G1F	23062	NAA120	Econometrics	7,5	V	50	K3	K3							
	G1F	23061	NAA122	Intermediate Microeconomics	7,5	V	50	K1	K1							
X	G2F	21062	MAA324	Portfolio Theory I ¹	7,5	V	50			K4	K4					MMA704 MAA314
	G2F	21117	MAA136	Introduction to research areas in mathematics/ applied mathematics	7,5	V	50			K1	K1					
	G1F	23066	NAA203	Labour Economics	7,5	V	50			K2	K2					
X	A1N	21156	MAA704	Applied Matrix Analysis	7,5	V	50			K4, K5a	K4, K5a					
	G1F	23045	NAA141	Finance ²	7,5	V	50			K3	K3					NAA115

¹ Also classified as a course in Economics

² Also classified as a course in Business Administration

Continued: Terms 5 and 6 for programmes started in the autumn term 2022 (RMV20)

Main field of study	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	Over-lapping courses
	G2F	13049	NAA207	Macroeconomic Theory	7,5	V	50					K1	K1			
	G2F	13041	NAA306	Globalization and International Trade	7,5	V	50					X	X			
X	G2F	11108	MAA315	Operations Research ¹	7,5	V	50					K4, K5a	K4, K5a			MMA515
X	G2E	11040	MAA043	Bachelor's Degree Project in Mathematics	15	V	50					X	X	X	X	
X	G2F	11106	MAA313	Simulation	7,5	V	50							K2	K2	MMA703
	G2E	13045	NAA305	Bachelor Thesis in Economics	15	V	100							X	X	

¹ Also classified as a course in Economics