

Master's degree
Course Regulations and Curriculum O19 Master of Arts in Quantitative Economics and Finance [CR MiQE/F]¹

 Senate Resolution of [28 May 2018]²

Pursuant to art. 88 para. 1 lit. h of the University Statute of 25 October 2010 (as at 1 June 2017)

Course		Semester	Credits	Examination type and duration	Time and org. of the examination ³	Opt. for o. Progr.	Remarks
No	Designation						
1.1	Core Studies – Compulsory Subjects						
	Advanced Macroeconomics II: Asset Prices, Fluctuations and Unemployment	7	4.0	Written examination (1.5 hrs, 70%) Examination paper (individual) (30%)	C-ITB D-TT	Yes	
	Advanced Microeconomics II: Incentive Theory	7	4.0	Written examination (1.5 hrs)	D-TT	Yes	
	Theory of Finance	7	4.0	Written examination (1 hr) (50%) Examination paper (individual) (50%)	C-ITB D-TT	No	Open to MEcon, MBF, MIA
	Mathematics	7	4.0	Written examination (1.5 hrs)	D-TT	No	Open to MBF, MIA
	Statistics	7	4.0	Oral examination (individual)	C-ITB	No	Open to MEcon, MBF, MIA
	Data Analytics I: Predictive Econometrics	7	4.0	Written examination (1 hr, 60%) Examination paper (individual) (25%)	C-ITB D-TT	Yes	Open to MBF, MIA

¹ As a consequence of the "Verwesentlichungsinitiative", the degree course scheme was integrated into the programme regulations as of 1 August 2020, and the semester weekly hours were removed.

² Adjustment of the organisation of the examination in the subject "Statistics" as amended by the Senate Committee on 18 May 2021; in force from 1 August 2021.

³ ITB = inter-term break; TT = term time (the deadline for handing in a written work can also be shifted to a date during the ITB); C = centrally organised examination (by the Dean of Studies); D = decentrally organised examination (by the faculty member).

Course		Semester	Credits	Examination type and duration	Time and org. of the examination ³	Opt. for o. Progr.	Remarks
No	Designation						
				Group examination paper (15%)	D-TT		
	Advanced Mathematics and Statistics	8	4.0	Oral examination (individual)	D-TT	No	Open to MBF
	Data Analytics II: Causal Econometrics	8	4.0	Written examination (1 hr, 60%)	C-ITB	Yes	Open to MBF, MIA
				Examination paper (individual) (25%)	D-TT		
				Group examination paper (15%)	D-TT		
	Total Compulsory Subjects		32.0				
1.2	Core Studies – Core Electives						
	Core courses Quantitative Finance/Econometrics	7-9	8.0-18.0				At least 2 courses have to be chosen from this field; additional courses will be credited towards the Other Core Electives (No. 1.2.) and Electives (No. 1.3).
	Core courses Economics	7-9	4.0-14.0				At least 1 course has to be chosen from this field; additional courses will be credited towards Other Core Electives (No. 1.2) and Electives (No. 1.3).
	Other Core Electives	7-9	0.0-10.0				
	Total Core Electives		12.0-22.0				
1.3	Core Studies – Electives						
	Total Electives	7-9	0.0-10.0				
	Total Core Studies		54.0				
2	Contextual Studies						
	Areas of Concentration	7-9	12.0-18.0				Min. 12.0 credits; max. 18.0 credits.
	Skills	7-9	0.0-6.0				Min. 0.0 credits; max. 6.0 credits; Skills are optional.

Course		Semester	Credits	Examination type and duration	Time and org. of the examination ³	Opt. for o. Progr.	Remarks
No	Designation						
	Total Contextual Studies		18.0				
3	Master's thesis		18.0	Written work	C-TT/ITB		
	Total Master's degree course		90.0				

Supplementary Provisions

Art. 1 Master's thesis

¹ The topic of the Master's thesis must be derived from Core Studies and bear a relation to a course of the Compulsory Subjects or Core Electives.

Art. 2 Exchange

¹ An exchange semester is not possible in the 1st semester of the Master's degree. An exchange semester is possible in the 2nd and 3rd semester; whereas the 3rd semester is recommended.

Art. 3 Beginning of the Master's programme

¹ The Master's programme can be started in autumn semester only.

Art. 4 Transitional provisions

¹ Students who have completed all the compulsory courses by the end of spring semester 2019 will remain under Regulations 18 and will be able to conclude their studies under the old Regulations 18 until the end of spring semester 2022.

² For students who will not have completed all the compulsory courses of the old Regulations 18, the following will be applicable:

- Students who have at least completed the compulsory courses "Mathematics", "Econometrics I" and "Econometrics II" by the end of spring semester 2019 will remain under the old regulations and will be able to conclude their studies under the old Regulations 18 until the end of spring semester 2022.
- Students who have not completed all three of the following compulsory subjects "Mathematics", "Econometrics I" and "Econometrics II" will be transferred to the new Regulations 19.
- Students may apply for a voluntary transfer. Such an application must be submitted to the directors of the programme by 30 June 2019. Submission dates will be determined and communicated by the directors of the programme and the Vice-President's Board for Studies & Academic Affairs.

³ Students who have not completed their studies under the old regulations by the end of spring semester 2022 will be transferred to the new regulations.

⁴ For students who rematriculate after spring semester 2019 (from autumn semester 2019), the above provisions will be applied analogously.

Art. 5 Transfer Rules

¹ In any case, students who are transferred to the new regulations will have to attend the course “Data Analytics I: Predictive Econometrics” (4 credits).

² Credits earned under the old Regulations 18 will be credited to the new Regulations 19 as follows:

- a) The courses “Advanced Macroeconomics II: Consumption and Investments”, “Advanced Microeconomics II: Incentive Theory”, “Statistics”, “Theory of Finance”, “Advanced Mathematics and Statistics” (4 credits each) will be fully credited to the compulsory subjects of the new regulations R19. In the case of the course “Advanced Macroeconomics II: Consumption and Investments”, the diploma supplement will report the course title of Regulations 19.
- b) The course “Econometrics I” (3 credits) will be credited to the compulsory subjects of the new regulations with 4 credits; there is an upgrade of 1 credit. The course “Data Analytics II: Causal Econometrics” cannot be attended any longer.
- c) The course “Mathematics” (3 credits) will be credited to the compulsory subjects of the new regulations with 4 credits; there is an upgrade of 1 credit. The course “Mathematics” cannot be attended anymore.
- d) The course “Econometrics II” (4 credits) will be credited to “Core Courses Quantitative Finance/Econometrics” (in Core Electives) with 4 credits in the new regulations R19.
- e) Core Electives
 - i. In principle, credits earned in Core Electives will be fully credited to the new regulations.
 - ii. The course “Political Economics” will be credited to the “Other Core Electives” subcategory in the new regulations.
- f) Independent Electives and Contextual Studies
 - i. Credits earned in Independent Electives and Contextual Studies will be fully credited to the new regulations.

³ If work done according to the old regulations is credited to the compulsory subjects of the new regulations, the corresponding work must and can no longer be done according to the new regulations.

Art. 6 Hardship provision

¹ In cases of hardship, the Dean of Studies will be able to make individual adaptations to transitional provisions and transfer rules after consultation with the directors of the programme.