

Master of Science in Quantitative Economics and Finance / ACADEMIC YEAR 2023 / 2024											
Semester 3											
Module and Course Name	Code ACME	Language*	Lecture (units)	Tutorial (units)	Contact hours	Self- study (hours)	Total workload (hours)	ECTS	Form of course	Compulsory attendance	Assessment
Module 1	QTECOFIN/1										
Mathematics and Statistics for Economics and Finance (Maths Camp)	QTECOFIN-1	English	45	15	45	117	162	6	Mandatory	Yes	written exam
Advanced Econometrics	QTECOFIN-2	English	45	15	45	117	162	6	Mandatory	Yes	written exam
Advanced Microeconomics	QTECOFIN-3	English	45	15	45	117	162	6	Mandatory	Yes	written exam
Advanced Macroeconomics	QTECOFIN-5	English	45	15	45	117	162	6	Mandatory	Yes	written exam
Advanced Financial Theory	QTECOFIN-4	English	45	15	45	117	162	6	Mandatory	Yes	written exam
Total Semester 3			225	75	225	585	810	30			
Master of Science in Quantitative Economics and Finance / ACADEMIC YEAR 2023 / 2024											
Semester 4											
Module and Course Name	Code ACME	Language*	Lecture (units)	Tutorial (units)	Contact hours	Self- study (hours)	Total workload (hours)	ECTS	Form of course	Compulsory attendance	Assessment
Module 2	QTECOFIN/2										
Advanced Empirical Analysis - Economics	QTECOFIN-6	English	30	10	30	78	108	4	Mandatory	Yes	paper
Advanced Empirical Analysis - Finance	QTECOFIN-7	English	30	10	30	78	108	4	Mandatory	Yes	written exam+paper
Applied General Equilibrium Theory	QTECOFIN-8	English	30	10	30	78	108	4	Mandatory	Yes	written exam+presentation
Master Thesis	QTECOFIN-9	English				250	250	10	Mandatory	Yes	thesis
4 options (2 from Economics and 2 from Finance)											
Economics											
The Economics of Gender	QTECOFIN-20	English	15		11	43	54	2	Elective	Yes	presentation
Intergenerational equity	QTECOFIN-21	English	15		11	43	54	2	Elective	Yes	oral+presentation
Sustainable Development	QTECOFIN-19	English	15		11	43	54	2	Elective	Yes	presentation
Finance											
Risk Management	QTECOFIN-13	English	15		11	43	54	2	Elective	Yes	paper
Behavioral Economics and Finance	QTECOFIN-12	English	15		11	43	54	2	Elective	Yes	written exam
Financial Stability: Theory and Policy	QTECOFIN-15	English	15		11	43	54	2	Elective	Yes	written exam+paper
Total Semester 4			150	30	134	656	790	30			
TOTAL YEAR			375	105	359	1241	1600	60			

*The University of Luxembourg is multilingual, the language of teaching is therefore given on an indicative basis. This can be modified upon the course leader's initiative.