

HEC Lausanne  
MSc en Sciences Actuarielles  
2022-2023

Enseignement	Economie d'entreprise	Economie politique	Droit	ECTS	Semestre
Actuarial Modelling	●			6	A
Advanced Programming	NA	NA	NA	6	P
Asset and Liability Management for Actuaries	●			6	A
Blockchain and Crypto Economy	●			3	A
Computational Tools for Actuaries	●			6	A
Credibility Theory	NA	NA	NA	3	A
Financial Accounting	●			6	A
Insurance Analytics	●			3	A
Insurance Economics	●	●		3	A
Investments	●			6	A
Life Contingencies I	●			6	P
Life Contingencies II	●			6	A
Loss Models	●			6	P
Mathematics of Compound Interest	●			3	A
Mathématiques des caisses de pension	●			6	A
Prévoyance professionnelle			●	3	A
Principles of Finance	●			6	A
Probability and Stochastic Processes	NA	NA	NA	6	A
Quantitative Methods for Actuaries	NA	NA	NA	6	A
Ratemaking and Claims Reserving	●			3	P
Risk Theory	●	●		6	P
Simulation Methods in Finance and Insurance	●			3	P
Social Insurance	●			3	P
Time Series		●		3	P