

Appendix to the Curriculum for the Master of Science (MSc) in International and Monetary Economics (MIME), Universitäten Bern und Basel

August 26, 2021

This Appendix contains a list of the courses that make up the specialized Master's program in International and Monetary Economics MIME. A minimum of 60 ECTS is required. The module and course titles that are given for the following compulsory elective subjects should be regarded as examples. There is no guarantee that a module with exactly this title will be offered. Equally, modules and courses with titles other than those listed here may also be recognized as part of the compulsory, elective subject area.

Basic module: Advanced Topics in Economics

Note: Students are requested to complete either all lectures in Bern or in Basel, depending on which University they are enrolled in.

Courses in Bern	ECTS
Microeconomics II	4.5
Macroeconomics II	4.5
Econometrics II	4.5
Mathematical Methods in Economics	4.5

Courses in Basel	ECTS
Microeconomics and Psychology of Decision Making	6.0
Macroeconomics and Finance	6.0
Econometrics	6.0

Core module: Monetary and International Economics

Note: It is mandatory to acquire a minimum of 24 ECTSP in this module.

Courses in Bern	ECTS
Monetary Theory ¹	6.0
Monetary Policy ²	6.0
International Monetary Economics	6.0
Fiscal and Monetary Policies	4.5

¹ Both courses in Monetary Theory (in Bern and Basel) can be attended, as they cover partially different topics.

² Both courses in Monetary Policy (in Bern and Basel) can be attended, as they cover partially different topics.

Courses in Basel	ECTS
Monetary Theory	6.0
Monetary Policy	3.0
Monetary Policy after the Global Financial Crisis	6.0
Experimental Macroeconomics	3.0
Current Issues in Monetary Policy	3.0
Microeconomic Rigidities in Macroeconomics	3.0
International Macroeconomics and Finance	3.0
Topics in Macroeconomics	3.0
FinTech, Digital Currency and Blockchains	3.0
Smart Contracts and Decentralized Blockchain Applications	3.0

Seminars	ECTS
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Note: It is mandatory to complete at least one of the following seminars.

Macroeconomics and International Economics (organized by the University of Bern)	6.0
Empirical Macroeconomics II (organized by the University of Bern)	6.0
Financial Markets and Asset Pricing (organized by the University of Basel)	6.0
Monetary Economics and Payment Systems (organized by the University of Basel)	6.0

Specialization module - Areas of Specialization in International and Monetary Economics

Note: Students are allowed to freely choose among the following courses in this specialization module. However, students are recommended to focus on a specific area within this module.

Financial Institutions and Regulations	ECTS
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Courses in Bern

Banking Theory	4.5
Financial Institutions and Regulations	3.0

An Economic Approach to Financial Regulation	3.0
International Financial Regulation	3.0
Advanced Valuation	6.0
Financing and Capital Structure	6.0
Fixed Income	4.5
Current Issues in Finance	2.0
Portfolio Optimization	6.0
Investments	6.0
Risk Management	6.0

Courses in Basel

Intermediate Finance	3.0
Advanced Asset Pricing	6.0
Banks and the Fintech Revolution	6.0

Quantitative Macroeconomics

Courses in Bern

Quantitative Macroeconomics	6.0
Empirical Macroeconomics II	6.0
Empirical Macroeconomics II (Seminar)	6.0
Time Series Analysis II	4.5

Courses in Basel

Univariate Time Series Analysis	3.0
Advanced Time Series Analysis	3.0

International Trade and Economic Integration

Courses in Bern

Theory and Empirics of International Trade	4.5
Multinational Firms and Production	4.5
Econometrics of Trade and Investment Policy	4.5
Economics and Politics of European Integration (Seminar)	4.0
Advanced Topics in International Economics (Seminar)	6.0

Courses in Basel

Advanced International Trade and Business	6.0
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International Trade, Resources and the Environment	3.0
International Economics (Seminar)	6.0

Other Specializations

Courses in Bern

Machine Learning in Economics	4.5
Special Study in International and Monetary Economics	2.0
Causal Analysis	3.0
Applied Data Analysis	3.0
Development Economics	3.0

Courses in Basel

Microeconometrics: Nonlinear Models and Statistical Learning	3.0
Microeconometrics: Panel Data and Multinomial Choice	3.0
Computational Economics	3.0
Optimization and AI	3.0

Approved on August 26, 2021 by the Faculty of Business, Economics and Social Sciences.