

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

September 21, 2023

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.

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
Advanced Macroeconomics	6.0
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 The course in Monetary Policy can only be attended once (in Bern or Basel), as they cover very similar topics.

Courses in Basel	ECTS
Monetary Theory	3.0
Advanced Monetary Theory	3.0
Monetary Policy	3.0
Applied Monetary Policy	3.0
Monetary Policy after the Global Financial Crisis	6.0
Experimental Macroeconomics	3.0
Recent Long-Run Macroeconomic Trends	3.0
Advanced International Macroeconomics	3.0
International Macroeconomics and Finance	3.0
Topics in Macroeconomics	3.0
FinTech, Digital Currency and Blockchains	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
Economics (organized by the University of Basel)	6.0
Monetary, Finance and Cryptocurrencies (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
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
Empirical Finance (Seminar)	6.0

Courses in Basel

Private Markets	3.0
Money, Finance and Cryptocurrencies	3.0
Smart Contracts and Decentralized Finance	6.0
Advanced Blockchain Concepts and Project Management	6.0
Banks and the Fintech Revolution	6.0
FinTech, Digital Currency and Blockchains	3.0
Blockchain, Smart Contracts and Decentralized Finance (Seminar)	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
Advanced Econometrics	3.0
Computational Economics	3.0

International Trade and Economic Integration

Courses in Bern

Theory and Empirics of International Trade	4.5
Multinational Firms and Production	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

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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

Courses in Basel

Microeconometrics and Statistical Learning	3.0
Microeconometrics: Panel Data	3.0
Computational Economics	3.0
Optimization and AI	3.0

Approved on September 21, 2023 by the Faculty of Business, Economics and Social Sciences.