

## Master level courses - Business Economics and Administration - Spring 2025

### Course Group A - Finance (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Finance	2nd semester	<a href="#">Derivatives</a>	10	460172U013	On-site written exam submitted in WISEflow.	Upon entering the course, students are expected to have a basic understanding of options and option pricing equivalent to what is covered in the bachelor course "Finance". Prospective course participants should also note that Derivatives is a quantitative course and that a familiarity and desire to work with advanced mathematics and mathematical models are expected.
MSc Finance	2nd semester	<a href="#">Asset Management</a>	10	460222U013	On-site written exam submitted in WISEflow.	Asset Pricing – equivalent to the MSc Finance prerequisite course Asset Pricing Derivatives (MSc Finance 2nd semester course) preferably taken simultaneously.
MSc Finance	2nd semester	<a href="#">Financial Intermediation</a>	10	460222U025	Take-home assignment (Assign) and oral	Basic finance equivalent to the bachelor course "Finance".  Quantitative methods equivalent to the master course "Applied Financial Econometrics".  Microeconomic analysis equivalent to the bachelor course "Business Economics".  Basic algebra, calculus, and probability theory.

### Course Group B - Finance and International Business (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc International Business	2nd semester	<a href="#">Risk Management</a>	10	460232U004	On-site written exam submitted in WISEflow.	Upon entering the course, students are expected to know corporate finance, econometrics, and international finance equivalent to the FIB courses: "Corporate Finance", "Applied Econometric Methods", and "International Finance".
MSc International Business	2nd semester	<a href="#">Empirical Corporate Finance</a>	10	460232U003	Take-home assignment (Assign)	Expected: Corporate Finance – equivalent to the MSc level course offered at the Master's Degree Programme in Economics and Business Administration.  Econometrics – equivalent to the MSc prerequisite courses Applied Econometric Methods / Applied Financial Econometrics offered at the Master's Degree Programme in Economics and Business Administration.
MSc International Business	2nd semester	<a href="#">Corporate Valuation</a>	10	460162U018	Take-home assignment (Assign), take-home assignment (Assign), and oral	Expected: Corporate Finance - equivalent to the MSc level course offered at the Master's Degree Programme in Economics and Business Administration.  Recommended: Knowledge of Financial Accounting.

Course Group C - Business Intelligence (Courses do not overlap within this group)						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Business Intelligence	2nd semester	<a href="#">Machine Learning for Business Intelligence 2</a>	10	460202U035	On-site written exam submitted in WISEflow.	Machine Learning for Business Intelligence 1.
MSc Business Intelligence	2nd semester	<a href="#">Customer Analytics</a>	10	460202U040	On-site written exam submitted in WISEflow.	Basic knowledge of R Machine Learning for Business Intelligence 1.
MSc Business Intelligence	2nd semester	<a href="#">Data Science Project</a>	10	460202U039	Take-home assignment (Assign) and oral	This course draws on knowledge obtained in the following courses: - Machine learning for Business Intelligence 1 - Machine learning for Business Intelligence 2 - Business Intelligence - Database Management and Data Visualization - Customer Analytics - Business forecasting.
Course Group D - International Economic Consulting (Courses do not overlap within this group)						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc International Economic Consulting	2nd semester	<a href="#">International Economic Integration</a>	10	460152U041	On-site written exam submitted in WISEflow.	Undergraduate courses in micro- and macroeconomics. Knowledge of basic statistics and regression analysis is recommended.
MSc International Economic Consulting	2nd semester	<a href="#">Tools for Empirical Economic Analysis and Consulting</a>	5	460202U065	On-site written exam submitted in WISEflow.	1st semester in MSc. International Economic Consulting.
MSc International Economic Consulting	2nd semester	<a href="#">Empirical Industrial Organisation</a>	5	460202U072	Take-home assignment submitted digitally in WISEflow.	Basic microeconomics  Basic mathematical skills  Basic knowledge of microeconomic tools.
Course Group E - Operations and Supply Chain Analytics (Courses do not overlap within this group)						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Operations and Supply Chain Analytics	2nd semester	<a href="#">Applied Modelling in Operations and Supply Chains</a>	10	460202U041	Take-home assignment (Assign) and oral	The 1st semester courses in MSc. in Operations and Supply Chain Analytics or similar knowledge obtained from other courses is required.

MSc Operations and Supply Chain Analytics	2nd semester	<a href="#">Demand and Production Management</a>	10	460202U034	On-site written exam submitted in WISEflow.	It is recommended that students have followed these 1st semester courses in the MSc Operations and Supply Chain Analytics programme:  Tools for Analytics Optimisation for Prescriptive Analytics Supply Chain Design and Management Knowledge of Excel Solver and R is required.
MSc Operations and Supply Chain Analytics	2nd semester	<a href="#">Inventory Management</a>	5	460202U038	On-site written exam submitted in WISEflow and take-home assignment (assign)	Knowledge obtained from the courses Tools for Analytics and Business Process Modelling and Simulation, or similar knowledge obtained from other courses, is required.
MSc Operations and Supply Chain Analytics	2nd semester	<a href="#">Distribution and Transportation</a>	5	460152U080	Take-home assignment (Assign)	Optimisation for Prescriptive Analytics or similar knowledge obtained from another course is required.  Knowledge of programming is required.
<b>Course Group F - Strategy, Organisation and Leadership (Courses do not overlap within this group)</b>						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Strategy, Organisation, and Leadership	2nd semester	<a href="#">Organising and Leading Digitalisation</a>	5	460182U048	Take-home assignment (Assign) and oral	Digital transformation in organisations involves cross-functional and multi-level organisational changes and requires relevant responses and behaviour from those affected. In consequences, it builds on competences acquired from organisation theory, human resource management and development and organisational change and leadership. Students without prerequisites in these subjects must expect a greater preparatory effort.
MSc Strategy, Organisation, and Leadership	2nd semester	<a href="#">Strategy</a>	5	460202U058	Oral	N/A
MSc Strategy, Organisation, and Leadership	2nd semester	<a href="#">Human Resource Management and Development</a>	10	460202U057	On-site written exam submitted in WISEflow.	The student must be familiar with fundamental theories of motivation.
<b>Course Group G - International Business (Courses do not overlap within this group)</b>						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc International Business	2nd semester	<a href="#">Organising and Managing the Multinational Corporation</a>	10	460152U030	Oral	N/A

MSc International Business	2nd semester	<a href="#">The Global Economic Environment: Strategic Implications and Responses</a>	5	460222U020	Oral	Knowledge of the main international business theories related to internationalisation process, market selection (location decisions), and entry mode choice.
MSc International Business	2nd semester	<a href="#">Business-to-Business Purchasing Management</a>	10	460182U036	On-site written exam submitted in WISEflow.	N/A
<b>Course Group H - Marketing (Courses do not overlap within this group)</b>						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Marketing	2nd semester	<a href="#">Consumer Experience Management and Value Co-Creation</a>	10	460242U005	On-site written exam submitted in WISEflow.	This course builds on theories and models presented in "Marketing Management and Strategy in the Digital Age" and "Consumer Psychology and Analytics" courses.
MSc Marketing	2nd semester	<a href="#">Sustainability and Diversity</a>	10	460242U006	Take-home assignment (Assign) and oral	N/A
MSc Marketing	2nd semester	<a href="#">Strategic Brand Management</a>	10	460222U017	Take-home assignment (Assign) and oral	N/A
<b>Course Group I - Strategic Value Chain Management (Courses do not overlap within this group)</b>						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Business-to-Business Marketing and Purchasing	2nd semester	<a href="#">Business-to-Business Purchasing Management</a>	10	460182U036	On-site written exam submitted in WISEflow.	N/A
MSc Business-to-Business Marketing and Purchasing	2nd semester	<a href="#">Business-to-Business Sales and Marketing Management</a>	10	460202U062	Take-home assignment (Assign) and oral	N/A
MSc Business-to-Business Marketing and Purchasing	2nd semester	<a href="#">Pricing Strategy</a>	5	460152U062	On-site written exam submitted in WISEflow.	Same course as 'Pricing Strategy' in course group J
MSc Business-to-Business Marketing and Purchasing	2nd semester	<a href="#">Regulating Marketing and Purchasing Cooperation</a>	5	460182U038	Oral	N/A
<b>Course Group J - Commercial and Retail Management (Courses do not overlap within this group)</b>						

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Commercial and Retail Management	2nd semester	<a href="#">Performance and Margin Management</a>	5	460202U054	On-site written exam submitted in WISEflow.	N/A
MSc Business-to-Business Marketing and Purchasing	2nd semester	<a href="#">Pricing Strategy</a>	5	460152U062	On-site written exam submitted in WISEflow.	Same course as 'Pricing Strategy' in course group I
MSc Commercial and Retail Management	2nd semester	<a href="#">Supplier-Relations and Business Negotiation</a>	10	460222U024	Take-home assignment (Assign) and on-site written exam	N/A
MSc Commercial and Retail Management	2nd semester	<a href="#">Category, Stock and Brand Management</a>	10	460222U016	Take-home assignment (Assign)	N/A
<b>Course Group K - Innovation Management and Entrepreneurship (Courses do not overlap within this group)</b>						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Innovation Management	2nd semester	<a href="#">Organising for Innovation</a>	10	460242U007	On-site written exam submitted in WISEflow.	N/A
MSc Innovation Management	2nd semester	<a href="#">Strategic Management of Technological Innovation</a>	10	460222U014	Take-home assignment (Assign) and oral	N/A
MSc Innovation Management	2nd semester	<a href="#">Sustainable Entrepreneurship</a>	10	460242U008	Take-home assignment (Assign) and oral	Students need to have basic knowlegde of business models and prototyping. There will be readings and other resources provided for students who have not gained basic knowledge in these areas.
<b>Course Group L - Management Accounting and Control (Courses do not overlap within this group)</b>						
Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments

MSc Management Accounting and Control	2nd semester	<a href="#">International Financial Accounting</a>	5	460202U036	Multiple-choice on-site written exam submitted in WISEflow, and on-site written exam submitted in WISEflow.	Expected: Financial Accounting - equivalent to the Bachelor level course offered at the Bachelor's Degree Programme in Economics and Business Administration.
MSc Management Accounting and Control	2nd semester	<a href="#">Practice Project in Management Accounting</a>	5	460152U078	Take-home assignment (Assign) and oral	Optional Prerequisites: Methods in Management Accounting and Control or other types of courses about Research Methods.
MSc Management Accounting and Control	2nd semester	<a href="#">Accounting Information Systems and Digitalisation</a>	5	460242U009	On-site written exam submitted in WISEflow.	N/A

### Master level courses - Economics - Spring 2025

#### Course Group 1 - Economics (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc -Economics	2nd semester	<a href="#">4118: Business Data Analysis</a>	10	461152U055	Oral	Recommended prerequisites: Econometrics Familiarity with R.
MSc -Economics	2nd semester	<a href="#">4427: Economics of Competition and Regulation</a>	10	461162U016	On-site written exam submitted in WISEflow.	Working knowledge of basic mathematics for economics (including differentiation, optimisation, and infinite-horizon valuation) and elementary statistics (e.g., probability and expected value) is expected. Familiarity with basic microeconomic concepts (such as equilibrium, production cost concepts, elasticity, producer and consumer surplus, externality, intertemporal choice) as well as familiarity with basic microeconomic models of monopoly and oligopoly is expected. Working knowledge of game-theoretic concepts (such as strategy, Nash equilibrium, and subgame perfect equilibrium) would be advantageous. These competences could be acquired via microeconomics.

MSc -Economics	2nd semester	<a href="#">4562: Housing Economics and Policy</a>	10	461222U001	On-site written exam without a PC	Recommended prerequisites/courses: 3505: Macro 1, 3410: Micro 1, 3620: Econometrics I <u>or</u> an equivalent bachelor course. Students are recommended to have macroeconomic knowledge of the main macroeconomic determinants of consumption and investment to formulate and analyse models of consumption, and microeconomic knowledge of the causes of market failure and economic models of externalities and public goods. Recommended skills are to formulate and analyse models of consumption and investment decisions over time and to formulate, solve, and analyse economic models with externalities and public goods. Recommended competences are an understanding of the theoretical underpinnings of the main methods of econometric analysis.
MSc -Economics	2nd semester	<a href="#">5415: Micro and Macro Models of the Labor Market (P)</a>	10	461232U001	Take-home assignment (Assign) and oral	Recommended prerequisites/courses: For dynamic programming, students are expected to have a basic understanding of intertemporal maximisation problem solving. For search and matching modelling, students should have knowledge about maths, such as first order derivatives and integral calculation. For data estimation, students should have a basic idea about the estimations of linear regression, for instance, Maximum Likelihood Estimation. The prerequisite skills could be acquired via 4407: Labour Economics, 4425: Micro 2, and 4505: Macro 2.

**Course Group 2 - Economics (Courses do not overlap within this group)**

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc -Economics	2nd semester	<a href="#">4542: Monetary Economics</a>	10	461152U064	On-site written exam without a PC	Recommended prerequisites/courses: Macro 1 The course is heavy on deriving theoretical models and, therefore, good knowledge of mathematical tools such as dynamic optimisation is recommended.
MSc -Economics	2nd semester	<a href="#">5361: Macro Finance</a>	10	461202U006	Oral	Recommended prerequisites/courses: 3505: Macro 1 and 4345: Asset Pricing.
MSc -Economics	2nd semester	<a href="#">5620: Economic Forecasting (P)</a>	10	461232U003	Take-home assignment (Assign) and oral	Students are expected to have taken Econometrics I (3620) or an equivalent course that covers regression analysis with a good understanding of the statistical methodology used.
MSc -Economics	2nd semester	<a href="#">5646 Applied Time Series Econometrics (P)</a>	10	461232U004	Take-home assignment (Assign) and oral	Recommended prerequisites:  Students must have prior knowledge of relevant software for computation and data analysis suitable for the chosen exam project. No requirement of specific package.  Recommended academic prerequisites: Econometrics I (3620).

**Cross-disciplinary Seminars on Danish Society**

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
Exchange student course	Not specified	<a href="#">Danish Society A: Culture, Institutions and Markets</a>	5	460201U005	Take-home assignment (Assign)	This course is particularly suited to international students and/or students with no prior knowledge of Danish culture and society wishing to get an understanding of Danish society.  Cannot be chosen if you also study '460201U006 Danish Society A+B'.
Exchange student course	Not specified	<a href="#">Danish Society A+B: Culture, Institutions and Markets with an International and Comparative Perspective</a>	10	460201U006	Take-home assignment (Assign) + Take-home assignment (Assign)	This course is particularly suited to international students and/or students with no prior knowledge of Danish culture and society wishing to get an understanding of Danish society. Students follow the teaching for "Danish Society A: Culture, Institutions and Markets". In addition to this, the teaching will consist of: two hours p/w over 5 weeks and an additional 16 hours of supervision and study cafés.  Cannot be chosen if you also study '460201U005 Danish Society A'.

*\*End of list\**

*List is subject to typos. Always check the entries for the individual courses by following the links to the course catalogue for elaborate descriptions.*