

Master level courses - Business Economics and Administration - Spring 2024

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	Derivatives	10	460172U013	WOA	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	Asset Management	10	460222U013	WOA	Asset Pricing – equivalent to the MSc Finance prerequisite course Asset Pricing Derivatives (MSc Finance 2nd semester course) preferably taken simultaneously
MSc Finance	2nd semester	Financial Intermediation	10	460222U025	WHAI + 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	Risk Management	10	460232U004	WOAI	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	Empirical Corporate Finance	10	460232U003	WHAI	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	Corporate Valuation	10	460162U018	WHAI+WHAI+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
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MSc Business Intelligence	2nd semester	Machine Learning for Business Intelligence 2	10	460202U035	WOAI	Machine Learning for Business Intelligence 1
MSc Business Intelligence	2nd semester	Customer Analytics	10	460202U040	WOA	Basic knowledge of R Machine Learning for Business Intelligence 1
MSc Business Intelligence	2nd semester	Data Science Project	10	460202U039	WHAI + ORAL	This course draws on knowledge obtained in the following courses: Machine learning for Business Intelligence 1 Machine learning for Business Intelligence 2 Database Management and Data Visualization Customer Analytics Business forecasting; Business Intelligence

Course Group D - International Economic and 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	International Economic Integration	10	460152U041	WOAI	Optional Prerequisites: Undergraduate courses in micro and macro economics. For Commercial Law students it is recommended that they take a supplementary elective course in economics at their BA, e.g. International Economics. Knowledge of basic statistics and regression analysis is recommended.
MSc International Economic Consulting	2nd semester	Tools for Empirical Economic Analysis and Consulting	5	460202U065	WOAI	1st semester in MSc. International Economic Consulting
MSc International Economic Consulting	2nd semester	Empirical Industrial Organisation	5	460202U072	WHAI	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	Applied Modelling in Operations and Supply Chains	10	460202U041	WHAI+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	Demand and Production Management	10	460202U034	WOA	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 recommended.

MSc Operations and Supply Chain Analytics	2nd semester	Inventory Management	5	460202U038	WOAI+WHA1	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	Distribution and Transportation	5	460152U080	WHA1	Optimisation for Prescriptive Analytics or similar knowledge obtained from another course is required. Knowledge of programming is required.

Course Group F - Strategy, Organisation and Leadership (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Strategy, Organisation, and Leadership	2nd semester	Organising and Leading Digitalisation	5	460182U048	WHA1+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	Strategy	5	460202U058	Oral	n/a
MSc Strategy, Organisation, and Leadership	2nd semester	Human Resource Management and Development	10	460202U057	WOAI	The student must be familiar with fundamental theories of motivation.

Course Group G - 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	Organising and Managing the Multinational Corporation	10	460152U030	Oral	n/a
MSc International Business	2nd semester	The Global Economic Environment: Strategic Implications and Responses	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	Business-to-Business Purchasing Management	10	460182U036	WOA	n/a

Course Group H - Marketing (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Marketing	2nd semester	Marketing Communication	5	460152U013	WHAI+Oral	n/a
MSc Marketing	2nd semester	Strategic Brand Management	10	460222U017	WHAI	n/a

Course Group I - Business-to-Business Marketing and Purchasing (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Business-to-Business Marketing	2nd semester	Business-to-Business Purchasing Management	10	460182U036	WOA	n/a
MSc Business-to-Business Marketing and Purchasing	2nd semester	Business-to-Business Sales and Marketing Management	10	460202U062	WHAI + Oral	n/a
MSc Business-to-Business Marketing and Purchasing	2nd semester	Regulating Marketing and Purchasing Cooperation	5	460182U038	Oral	n/a

Course Group J - Commercial and Retail Management (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Commercial and Retail Management	2nd semester	Performance and Margin Management	5	460202U054	WOA	BSc in Economics and Business Administration or equivalent.
MSc Commercial and Retail Management	2nd semester	Supplier-Relations and Business Negotiation	10	460222U024	WHAI+WOAI	n/a
MSc Commercial and Retail Management	2nd semester	Category, Stock and Brand Management	10	460222U016	WHAI	BSc in Economics and Business Administration or equivalent

Course Group K - Innovation Management and Entrepreneurship (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Innovation Management	2nd semester	Managing Innovation	10	460162U008	WOA	n/a
MSc Innovation Management	2nd semester	Strategic Management of Technological Innovation	10	460222U014	WHAI + Oral	n/a
MSc Innovation Management	2nd semester	Entrepreneurship for Social Change	10	460222U015	WHAI + Oral	Students need to have basic knowledge of business models and prototyping. There will be readings and other resources provided for students who have not gained basic knowledge in these areas.

Course Group L - Management, Accounting and Control (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Management Accounting and Control	2nd semester	International Financial Accounting	5	460202U036	WOMC + WOAI	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	Practice Project in Management Accounting	5	460152U078	WHAI + Oral	Optional Prerequisites: Methods in Management Accounting Research or other types of courses about Research Methods.
MSc Management Accounting and Control	2nd semester	Accounting Information Systems	5	460212U001	WO	n/a

Course Group M - Digital Business Management (Courses do not overlap within this group)

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc in Digital Business Management	2nd semester	Data Science for Business	10	460232U006	WHAI + Oral	n/a

Course Group N - Auditing

Study Programme	Semester	Course Title	ECTS	Course Number	Exam Type	Specific Pre-requisites/Comments
MSc Business Economics and Auditing + MSc Management Accounting and Control	2nd semester	Accounting Information Systems	5	460212U001	WO	n/a

Master level courses - Economics - Spring 2024

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	4427: Economics of Competition and Regulation	10	461162U016	WO	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	4542: Monetary Economics	10	461152U064	ON	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	5415: Micro and Macro Models of the Labour Market (P)	10	461232U001	WHAI + 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.
MSc -Economics	2nd semester	5425: Applied Public Policy (P)	10	461232U002	WHAI+Oral	BSc in Economics and Management, BSc in Political Science, BSc in Business Administration, BSc Public Policy or equivalent. Recommended prerequisites/courses: The students are expected to have at least basic knowledge of statistics, econometrics, and quantitative or qualitative methods. The students should be prepared to work with data.
MSc -Economics	2nd semester	5527: The Economics of Pension and Demographics	10	461202U009	WHAI+Oral	BA in Economics or Mathematics and Economics; Macro 1 and Econometrics 1 (or equivalent), or BA in Economics and Public Policy

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	4118: Business Data Analysis	10	461152U055	Oral	Recommended prerequisites: Econometrics Familiarity with R
MSc -Economics	2nd semester	5361: Macro Finance	10	461202U006	Oral	Recommended prerequisites/courses: 3505: Macro 1 and 4345: Asset Pricing.
MSc -Economics	2nd semester	5646 Applied Time Series Econometrics (P)	10	461232U004	WHAI+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)
MSc -Economics	2nd semester	5620: Economic Forecasting (P)	10	461232U003	WHAI+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.

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	Danish Society A: Culture, Institutions and Markets	5	460201U005	WHAI	<p>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. Although the course is offered at BA level, international exchange students enrolled in master's programmes at their home university are also eligible for enrolment.</p> <p>Cannot be chosen if you also enroll in '460201U006 Danish Society A+B'</p>
Exchange student course	Not specified	Danish Society A+B: Culture, Institutions and Markets with an International and Comparative Perspective	10	460201U006	WHAI+WHAI	<p>This course is particularly suited to international students and/or students with no prior knowledge of Danish culture and society wishing to get a nuanced understanding of Danish society in an international context. Although the course is offered at BA level, international exchange students enrolled in master's programmes at their home university are also eligible for enrolment.</p> <p>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 6 weeks and an additional 13 hours of supervision and study cafés.</p> <p>Cannot be chosen if you also enroll in '460201U005 Danish Society A'.</p>

End of list