



# OECON - spring 2016

## Bachelor's Thesis Catalogue

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### Introduction

The course "Bachelor's thesis for Economics and Management students" consists partly in writing the Bachelor's thesis - and for that, the student will receive supervision - and partly in a series of meetings.

There is a series of meetings for each of the following disciplines (In Danish: "bachelorrækker"): business, accounting and finance, macroeconomics, microeconomics, and econometrics.

For each student, participation in two meetings is required: a meeting, where the student presents and discusses another thesis, and another meeting where the student's own thesis is presented and discussed by a (group of) fellow students.

The final grade will be based upon the evaluation of the thesis itself. The grades will not be given until the series of meetings have been held.

This catalogue includes:

- Procedures and time line for the bachelor thesis
- Links to the academic regulations and course description.
- Potential supervisors and topics for spring 2016.

It is important you read this catalogue in its entirety before the information meeting. After the information meeting, you must fill in a priority form to choose your topic. The deadline for filling out the priority form is **1 December 2015 at 12 noon**.

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## Timeline; fall 2015 – spring 2016

Potential topics are published in the Bachelor's Thesis Catalogue in **week 43**.

Remember to sign up for the course in STADS SB between **1-10 November**.

On **9 November**, an information meeting will be held from **9.15-10.15 in E1, bld. 2624**, in order to provide as much information as possible on the content of the course. At this meeting, series coordinators and AU Library will attend and students are encouraged to ask questions to the process, topics, etc. Thus, students should have read this catalogue before the meeting. Further details such as time and place will be announced at the study portal.

By **1 December 2015 at 12 noon**, a registration/priority form must be filled in by all students, stating two topics in order of priority. A link to the form can be found on the Study Portal from mid-October. (<http://oecon.studerende.au.dk/bachelors-and-masters-thesis/bachelors-thesis/bachelors-thesis-oecon/>)

After this, the distribution of students across series, topics, and supervisors will take place. The result will be published on Blackboard around **15 December**. It is up to the series coordinator to allocate students to supervisors. Note that it is not guaranteed that you will get a particular supervisor, even if you have chosen a subject offered by him/her.

A Blackboard sub-page will also be created for each series. Students have to sign up to their page themselves, so that series coordinators and supervisors can communicate with the relevant students. Please sign up **during week 50**.

In **late January/early February**, AU Library will give an introduction to the library services and literature search. More information will be sent out through Blackboard.

It is advised that a project description is approved by the supervisor by **mid-February**. As soon as the supervisor has approved the project description, the work with the thesis itself can begin.

The **deadline for handing in the Bachelor's thesis is Wednesday, 4 May 2016 at 14:00 pm**. This year the hand-in will **only be electronic** through WISEflow. An electronic version (in PDF format) must also be uploaded to Blackboard on each series' Blackboard page/group. If the thesis is confidential, a copy must instead be e-mailed to each of the series members (e-mail addresses can be found on the row Blackboard page) and to the supervisor. Remember to include a short resume in English. **See more here: [Study Portal](#)**

By **Early May**, the time schedule for the meetings for each series will be published on Blackboard. Upload an electronic version of the discussants' slides (pdf-format) on Blackboard at least two days before the meeting.

The theses are presented and discussed at meetings during the following weeks (preferably in **weeks 20-21**). All presentations are held before **1 June** and all grades are given before **1 July**.



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## Academic regulations

Read about purpose, form, formal requirements, and exam form via this link to your particular academic regulation (in Danish): [Bachelor in Economics and Management \(2011\)](#). See the full list here: <http://oecon.studerende.au.dk/teaching/academic-regulations-and-executive-orders/>

## Examination regulations

General information about examination rules at AU can be found here: [Exams](#)

## Course description

Course content, teaching form and exam form is described in the course catalogue: [Bachelor's thesis for Economics and Management students – spring 2016](#).

## Page limitations

The maximum length of the thesis is 30 standard pages (excl. appendices) for one student, and 24 standard pages per student for group theses.

Read the general rules about written assignments on the study portal: [Standard pages and front page](#).

## Group thesis

A thesis can be written by up to three students. Group theses are required, under the academic regulations and the course description, to include sections that can be assigned to each group member, and this must be explicitly specified in the thesis; but they may also contain parts which are written by several or all group members. The grades are given on the basis of the individualized contribution, taking into account the qualities of the sections written by the group in collaboration. There will not be given a grade, if the contributions are not specified in the thesis.

## Supervision

Students receive supervision by their appointed supervisor. The number and scope of meetings is decided in a joint process by the supervisor and the student. Some supervisors have office hours and some schedule appointments by email (ask your supervisor).

It is advised that a project description (about one page) is approved by the supervisor early in the process. It is the student's responsibility to contact the supervisor on this matter. See also: <http://www.scribo.dk/>. As soon as the supervisor has approved the project description, the work with the thesis itself can begin.

Before each meeting, it is recommended that the student emails the supervisor an updated list of contents and an updated project description.

Expect the supervisor to read and comment thoroughly on a sample of the thesis, at most three pages per student. The supervisor is not allowed to read more than the sample of the thesis and in particular not the



entire thesis.

### Division of responsibility

You will have to consult your supervisor individually. You are responsible for the first contact. The thesis is an individual accomplishment which ends your study.

You are responsible for

- determining the subject and the research question
- finding literature and eventually data
- structuring the thesis
- assessing the relevance of the literature, various subtopics etc.

Your supervisor can assist you with

- focusing the research question
- structuring the thesis
- asking critical questions
- pointing out issues you may have overlooked

### Procedures for the meetings

The meeting will take approx. 30 min. for projects written by 1 student and 45 min. for projects written by 2-3 students. If the BSc thesis is written in English, then both the presentation and the discussion must be in English.

The written thesis should be seen as a starting point for an academic discussion. The thesis should be subject to an objective debate with the purpose of creating overview, structure and in-depth understanding of the problem presented.

### Opponents

First the opponents present the thesis allocated to them. This will take about 20 minutes for two/three authors and about 15 minutes for one author. The presentation is based upon PowerPoint slides. All opponents must be active in the presentation. It is important to practice the presentation beforehand – for example, it is important to be able to adhere to the allotted time.

The opponents bring forward the most important issues of the thesis, e.g. main question/hypothesis of the thesis, theory, data, empirical findings, and conclusion. The critique could for instance include a number of prioritized items/problems which, according to the opponents, should be subject to a closer discussion. They could be: Central/fundamental aspects of the subject in general or specific areas concerning the handling of the subject, and/or problem issues which should be further elaborated on and where opponents can give their contributions, and/or aspects on which opponents disagree with project writer(s).

It is usually a good idea to divide the critique into two parts; a *general* and a *specific* part. The *general* part could include the overall critique of the project, for instance:



### Critique of method:

- Are there validity, reliability or representational problems?
- Would another method or procedure have been better?
- Critique of subject: Is the problem formulation precise and well-defined?
- Should the project writer have chosen another delimitation of the subject?
- How is the weighting of the project in relation to the problem formulation?
- Are there any further subjects that should have been included in the project?

Critique of the formal requirements:

- Are the report technique and style as they should be in relation to the standards?

The *specific* part can include page numbers and line numbers in the text where the opponents have questions or would like further oral clarification. It is very important that this part does not turn into a long list of formal requirements which have not been met.

Although the formal requirements are of importance, it is even more important that the opponents start a discussion of the contents and method etc. of the project instead of just listing up all errors as regards the formal requirements.

It is the supervisor's job to take care that each point of discussion is ended with a conclusion, and he/she also functions as a moderator when needed.

Please notice that the opponents are not supposed to "shoot down" the project. As opponents it is important to show an ability to emphasize the good points of a project, as these are often the most interesting topics for discussion.

### Authors

After the opponent presentation, the authors are allowed to defend their thesis. The discussion should take 15-20 minutes at most.

### Supervisor

The supervisor might decide to give some overall comments to the thesis. At this time, the supervisor has not yet conferred with the external examiner and can therefore **NOT** give the final grade.



## Series coordinators

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Please notice, that each supervisor has office hours allocated to supervision – please contact him/her to know these.

Supervision and thesis **may be in Danish or English** as decided between the student and the supervisor prior to handing-in and prior to the meetings.

## Potential topics

Note: Supervisors in the following are the potential supervisors. The series coordinator may provide another supervisor if necessary.

## Self-chosen topic

You may choose among the topics listed in this Bachelor's catalogue. However, you may also choose a topic which is not in the catalogue. The terms and conditions are exactly the same as for a standard Bachelor's project, with the exception that you must find a supervisor who is ready to approve the topic and who are willing to supervise you. Still, it might be necessary for the series coordinator to change the supervisor.

You can also write a report for a company, but you still need to find a supervisor who is ready to approve



the topic and supervise you.

If you would like to work on a self-chosen topic, it is expedient to have considered the following before contacting a supervisor:

- What is the problem?
- Why is it a problem? (Why is it important that we have an answer/the problem can be solved - what if the problem cannot be solved?)
- Who has the problem? (A company, a person/group, a theory/model?)
- Can I find any literature on the subject?
- Which method will I use to analyse the problem?

## Topics - Business / ECON

Coordinator: Kristina Risom Jespersen

[kjespersen@econ.au.dk](mailto:kjespersen@econ.au.dk)

Topic#	Topic	Supervisor
BUS-ECON-1	An Empirical Analysis of Firm Ownership Strategy abroad	Jesper Wulff
BUS-ECON-2	Logit and Probit Models in Organization and Strategy	Jesper Wulff
BUS-ECON-3	Mergers & Acquisitions	Damiana Rigamonti
BUS-ECON-4	International entry mode strategy	Damiana Rigamonti
BUS-ECON-5	Private equity/ venture capital investments	Damiana Rigamonti
BUS-ECON-6	Sheth og Frazier's model over strategier for planlagte sociale forandringer	Niels Peter Mols
BUS-ECON-7	Emner i Marketing og Strategi	Niels Peter Mols
BUS-ECON-8	Lavidge og Steiner's Model For Predictive Measurements of Advertising Effectiveness	Niels Peter Mols
BUS-ECON-9	Laddering	Niels Peter Mols
BUS-ECON-10	Mål og målstyring som ledelsesinstrument: positive og negative motivationseffekter inden for rammerne af den klassiske målsætningsteori	Karina Skovvang Christensen
BUS-ECON-11	Achievement som motivationsfaktor	Karina Skovvang Christensen
BUS-ECON-12	Emner inden for organizational behaviour	Karina Skovvang Christensen

## Topics - Business / MGMT

Coordinator: Ann-Kristina Løkke Møller

[aklm@mgmt.au.dk](mailto:aklm@mgmt.au.dk)

Topic#	Topic	Supervisor
BUS-MGMT-1	Sickness absence	Ann-Kristina Løkke Møller
BUS-MGMT-2	Strategic Human Resource Management	Ann-Kristina Løkke Møller
BUS-MGMT-3	Job attitudes/job satisfaction/motivation	Ann-Kristina Løkke Møller
BUS-MGMT-4	Leadership/Management	Ann-Kristina Løkke Møller



BUS-MGMT-5	Public sector organisations	Ann-Kristina Løkke Møller
BUS-MGMT-6	Strategy in public organizations	Jesper Rosenberg Hansen
BUS-MGMT-7	Organizational behavior and leadership in public organizations	Jesper Rosenberg Hansen
BUS-MGMT-8	Public and private differences	Jesper Rosenberg Hansen
BUS-MGMT-9	Marketing management	Robert Ormrod
BUS-MGMT-10	Business-to-consumer (B2C) marketing	Robert Ormrod
BUS-MGMT-11	Business-to-business (B2B) marketing	Robert Ormrod
BUS-MGMT-12	Branding	Robert Ormrod
BUS-MGMT-13	Marketing as storytelling	Robert Ormrod
BUS-MGMT-14	Stakeholder management	Robert Ormrod

## Topics - Logistics

Coordinator: Hartanto Wong, [hwong@econ.au.dk](mailto:hwong@econ.au.dk)

Topic#	Topic	Supervisor
LOG-1	Produktionsplanlægning vha. MRP (Materials Requirements Planning)	Christian Larsen
LOG-2	Lagerstyringsmodeller	Christian Larsen
LOG-3	Modeller for lokalisering af faciliteter	Christian Larsen
LOG-4	Transport and Logistics	Marcel Turkensteen

## Topics - Finance

Coordinator: Thomas Quistgaard Pedersen, [tqpedersen@creates.au.dk](mailto:tqpedersen@creates.au.dk)

Topic#	Topic	Supervisor
FIN-1	Credit risk: pricing of counterparty risk; CDS and other credit markets; sovereign debt	Agatha Murgoci
FIN-2	Derivatives pricing: pricing, analysis, hedging	Agatha Murgoci
FIN-3	Fixed income securities	Agatha Murgoci
FIN-4	Portfolio theory and the asset management industry	Agatha Murgoci
FIN-5	Financial econometrics, empirical finance, high-frequency data	Bent Jesper Christensen
FIN-6	Stocks, portfolio choice, asset allocation, asset pricing	Bent Jesper Christensen
FIN-7	Bonds, interest rates, term structure analysis	Bent Jesper Christensen
FIN-8	Options, futures, commodities, derivative pricing, hedging	Bent Jesper Christensen
FIN-9	Corporate finance, event studies, dividend policy, capital structure	Bent Jesper Christensen
FIN-10	Corporate valuation, discounted cash flows, risk adjustment	Bent Jesper Christensen



FIN-11	Executive compensation, pay and performance	Bent Jesper Christensen
FIN-12	International finance, exchange rates, inflation	Bent Jesper Christensen
FIN-13	Risk management, Value at Risk, credit risk	Bent Jesper Christensen
FIN-14	Financial frictions, trading, market imperfections, asymmetric information	Bent Jesper Christensen
FIN-15	Energy markets, OTC contracts, seasonality, price jumps	Bent Jesper Christensen
FIN-16	Investments, real options, uncertainty	Bent Jesper Christensen
FIN-17	Investments	Carsten Tanggaard
FIN-18	Asset allocation	Carsten Tanggaard
FIN-19	Personal finance	Carsten Tanggaard
FIN-20	Market microstructure	Carsten Tanggaard
FIN-21	Exchanges	Carsten Tanggaard
FIN-22	Regulation of markets and exchanges	Carsten Tanggaard
FIN-23	International financial markets	Charlotte Christiansen
FIN-24	Risk-return trade-off	Charlotte Christiansen
FIN-25	Optimal liquidity reserve for banks with the European liquidity coverage ratio	Christian Schmaltz
FIN-26	Do we need a business model-specific leverage ratio for banks?	Christian Schmaltz
FIN-27	The benefits of short-term lending for a European Bank	Christian Schmaltz
FIN-28	How to identify, measure, and manage model risk in banks?	Christian Schmaltz
FIN-29	How banks could potentially optimize their short-term LCR-ratios?	Christian Schmaltz
FIN-30	Corporate valuation	Cristina Scherrer
FIN-31	Firms' cross listing	Cristina Scherrer
FIN-32	Dual class shares and voting rights	Cristina Scherrer
FIN-33	Stock return predictability	Eric Hillebrand
FIN-34	Forecasting realized volatility	Eric Hillebrand
FIN-35	Forecasting yield curve data with dynamic factor models	Eric Hillebrand
FIN-36	Corporate valuation	Frank Pedersen
FIN-37	International financial risk management	Frank Pedersen
FIN-38	Boligfinansiering	Frank Pedersen
FIN-39	Investering i fast ejendom	Frank Pedersen
FIN-40	Analyse af statens salg af DONG aktier til Goldman Sachs	Frank Pedersen
FIN-41	Financial econometrics	Gustavo Fruet Dias
FIN-42	Volatility modelling	Gustavo Fruet Dias
FIN-43	Forecasting	Gustavo Fruet Dias
FIN-44	Empirical finance	Gustavo Fruet Dias



FIN-45	Mergers and acquisitions	Jan Bartholdy
FIN-46	Initial public offerings	Jan Bartholdy
FIN-47	Earnings announcements and earnings offerings	Jan Bartholdy
FIN-48	Capital structure	Jan Bartholdy
FIN-49	Efficiency of financial markets	Jan Bartholdy
FIN-50	Udviklingen i danske OMX20-selskabers udbytte- og aktietilbagekøb fra 2005 til 2015	Johannes Raaballe
FIN-51	Beta og unlevered beta for danske børsnoterede selskaber	Johannes Raaballe
FIN-52	Den danske bankkrise belyst ved et eller flere annonceringsstudier	Johannes Raaballe
FIN-53	Udviklingen i danske bankers corporate governance under den danske bankkrise	Johannes Raaballe
FIN-54	Annonceringsstudie	Johannes Raaballe
FIN-55	Emner indenfor corporate finance og governance	Johannes Raaballe
FIN-56	Empirical asset pricing	Jonas Nygaard Eriksen
FIN-57	Asset return predictability	Jonas Nygaard Eriksen
FIN-58	Financial econometrics	Jonas Nygaard Eriksen
FIN-59	Recession forecasting	Jonas Nygaard Eriksen
FIN-60	Stochastic volatility (modelling and forecasting)	Kim Christensen
FIN-61	Asset and derivatives pricing	Kim Christensen
FIN-62	Portfolio analysis	Kim Christensen
FIN-63	Value-at-Risk	Kim Christensen
FIN-64	Risk management	Kim Christensen
FIN-65	Corporate Finance (M&As, IPOs, capital structure, valuation)	Marie Herly
FIN-66	Capital markets (financial accounting)	Marie Herly
FIN-67	Banks and financial institutions (regulation, systemic risk)	Marie Herly
FIN-68	Fixed-income modelling	Martin Møller Andreasen
FIN-69	Consumption-based asset pricing	Martin Møller Andreasen
FIN-70	Modelling and forecasting mutual fund performance	Niels Strange Hansen
FIN-71	Modelling and forecasting commodity futures	Niels Strange Hansen
FIN-72	Corporate finance	Özlem Dursun-de Neef
FIN-73	Corporate valuation	Özlem Dursun-de Neef
FIN-74	Empirical and theoretical banking	Özlem Dursun-de Neef
FIN-75	Credit risk, liquidity, and financial crises	Özlem Dursun-de Neef
FIN-76	Return volatility modelling	Paolo Santucci de Magistris
FIN-77	Trading, volatility, and information flow	Paolo Santucci de Magistris
FIN-78	Return predictability	Paolo Santucci de Magistris
FIN-79	Corporate finance: Working capital	Ran Sun



FIN-80	Capital budgeting	Ran Sun
FIN-81	Financial crises' impact on the banking sector	Ran Sun
FIN-82	International trades before and during the crisis	Ran Sun
FIN-83	Trade barriers and trade liberalization in emerging Asian economies	Ran Sun
FIN-84	Asset pricing	Stig Vinther Møller
FIN-85	Empirical finance	Stig Vinther Møller
FIN-86	Credit risk	Thomas Kokholm
FIN-87	Derivatives pricing	Thomas Kokholm
FIN-88	Fixed income securities	Thomas Kokholm
FIN-89	Volatility modelling and volatility derivatives	Thomas Kokholm
FIN-90	Bubbles	Thomas Q. Pedersen
FIN-91	Return predictability	Thomas Q. Pedersen
FIN-92	Performance evaluation of mutual funds	Thomas Q. Pedersen
FIN-93	Asset allocation	Thomas Q. Pedersen
FIN-94	Asset pricing	Thomas Q. Pedersen
FIN-95	Return predictability over short and long horizons	Tom Engsted
FIN-96	Dynamic portfolio theory and asset allocation	Tom Engsted
FIN-97	Performance evaluation of mutual funds	Tom Engsted
FIN-98	Financial markets and the macroeconomy	Tom Engsted
FIN-99	Equity premia and consumption-based asset pricing	Tom Engsted
FIN-100	Cross-sectional asset pricing and risk factors in equity markets	Tom Engsted
FIN-101	Speculative bubbles	Tom Engsted

## Topics – Accounting

Coordinator: Thomas Quistgaard Pedersen, [tqpedersen@creates.au.dk](mailto:tqpedersen@creates.au.dk)

ACC-1	Financial statement analysis and equity valuation	Christian Rix-Nielsen
ACC-2	Stock-based compensation	Christian Rix-Nielsen
ACC-3	The controllability principle in performance evaluation	Christian Rix-Nielsen
ACC-4	Performance evaluation and performance pay	Christian Rix-Nielsen
ACC-5	Accounting reports as information source for competitors and/or the capital market	Christian Rix-Nielsen
ACC-6	Activity based costing	Jørn P. Skov
ACC-7	Transfer pricing	Jørn P. Skov
ACC-8	Budget participation	Jørn P. Skov
ACC-9	Balanced scorecard	Jørn P. Skov
ACC-11	Økonomistyring/ Management Accounting	Niels Relsted
ACC-10	Theoretical or empirical approaches to questions in financial or management accounting	Leonidas Enrique de la Rosa
ACC-12	ABC, BSC, omkostningssystemer og ERP	Niels Relsted
ACC-13	Strategi og organisation	Niels Relsted



## Topics – Microeconomics

Coordinator: Julia Nafziger, [jnafziger@econ.au.dk](mailto:jnafziger@econ.au.dk)

Topic#	Topic	Supervisor
MIC-1	Topics in Labour economics	Rune Majlund Vejlin
MIC-2	Unemployment durations and labour market policies	Rune Majlund Vejlin
MIC-3	Search and matching models	Rune Majlund Vejlin
MIC-4	Empirical wage determination	Kenneth Lykke Sørensen
MIC-5	The effect of activation and training programs while unemployed	Kenneth Lykke Sørensen
MIC-6	Labour economics - taking the theory to data	Kenneth Lykke Sørensen
MIC-7	Is there a case for place-based policies to combat regional inequalities?	Michael Svarer
MIC-8	Topics in international migration of workers	Anna Piil Damm
MIC-9	Topics in urban real estate markets	Anna Piil Damm
MIC-10	Health and the Labour Market	Nabanita Datta Gupta
MIC-11	Gender and the Labour Market	Nabanita Datta Gupta
MIC-12	Ageing, Retirement and Pension Systems	Nabanita Datta Gupta
MIC-13	Health insurance and moral hazard	Niels Skipper
MIC-14	Economics of smoking	Niels Skipper
MIC-15	Economics of sex, drugs and rock'n'roll	Sanni Nørgaard Breining
MIC-16	Topics in health economics	Alexander Paul
MIC-17	Fluctuations in health over the business cycle	Alexander Paul
MIC-18	Topics in education economics	Alexander Paul
MIC-19	Industrial Economics and strategic interaction of firms	Jos Jansen
MIC-20	Competition Policy and anticompetitive strategies	Jos Jansen
MIC-21	Regulation and deregulation of markets	Jos Jansen
MIC-22	Innovation and protection of intellectual property	Jos Jansen
MIC-23	Information and markets	Jos Jansen
MIC-24	Economics of Gender	Emma von Essen
MIC-25	Topics in Experimental Economics	Emma von Essen
MIC-26	Topics in Behavioural Economics of Education	Alexander Koch
MIC-27	Topics in Behavioural and Experimental Economics	Alexander Koch
MIC-28	Student dropout and study performance	Alexander Koch
MIC-29	Topics in studying complex behaviour using online games (interdisciplinary topic with group of Jacob Sherson, Dep. of Physics)	Alexander Koch
MIC-30	Evaluating and re-designing the EU asylum system/laws	Julia Nafziger/John Kennes
MIC-31	The microeconomics of globalization	Marcel Smolka
MIC-32	The role of multinational firms in the global economy	Marcel Smolka



## Topics – Macroeconomics

Coordinator: Allan Sørensen, [allans@econ.au.dk](mailto:allans@econ.au.dk)

Topic#	Topic	Supervisor
MAC-1	Income tax reforms	Bo S. Rasmussen
MAC-2	Topics in Monetary Economics	Bo S. Rasmussen
MAC-3	Growth and Inequality	Bo S. Rasmussen
MAC-4	Topics in public choice	Martin Paldam
MAC-5	Growth and development	Martin Paldam
MAC-6	Economics of the Welfare State	Torben M. Andersen
MAC-7	Labour economics	Torben M. Andersen
MAC-8	Economic Policy	Torben M. Andersen
MAC-9	Topics in international trade	Allan Sørensen
MAC-10	Firms in the global economy	Allan Sørensen
MAC-11	Labour taxation in a global economy	Allan Sørensen
MAC-12	Heterogeneous firms in international trade: the case of multivariate optimisation	Anders Laugesen
MAC-13	Economic Growth	Christian Bjørnskov
MAC-14	Political Economy	Christian Bjørnskov
MAC-15	Financial markets and the real economy	Juan Carlos Parra-Alvarez
MAC-16	New Keynesian models	Martin Møller Andreasen
MAC-17	Macro-finance and monetary policy	Martin Møller Andreasen
MAC-18	New Keynesian models	Marias Halldor Gestsson
MAC-19	OLG models	Marias Halldor Gestsson
MAC-20	Economic Policy	Marias Halldor Gestsson
MAC-21	Bitcoin	John Kennes
MAC-22	Quantitative easing and inflation	John Kennes
MAC-23	Inequality	John Kennes
MAC-24	Multiple equilibria and business cycles	John Kennes
MAC-25	Negative interest rates	John Kennes
MAC-26	Fiscal and monetary policy	John Kennes
MAC-27	Global imbalances and international finance	John Kennes





## Topics – Econometrics

Coordinator: Morten Berg Jensen, [mbj@econ.au.dk](mailto:mbj@econ.au.dk)

Topic#	Topic	Supervisor
ECO-1	Quantitative models in marketing research	Morten Berg Jensen
ECO-2	Modelling and forecasting mutual fund performance	Niels Strange Hansen
ECO-3	Volatility estimation with high-frequency data	Bezirgen Veliyev
ECO-4	Econometric issues in return predictability analyses	Thomas Q. Pedersen
ECO-5	Do oil price increases cause higher food prices?	Asger Lunde
ECO-6	Modelling and forecasting macroeconomic time series using VARMA models	Gustavo Dias
ECO-7	Econometric analysis of high-dimensional data	Anders Bredahl Kock
ECO-8	Econometric analysis of the development of expected longevity	Malene Kallestrup-Lamb
ECO-9	A simulation study of the quasi maximum likelihood estimator of the stochastic conditional duration model	Wei Wei
ECO-10	Estimation of dynamic term structure models	Martin M. Andreasen
ECO-11	Estimation of state space models	Martin M. Andreasen
ECO-12	Forecasting macroeconomic time series using yield curve information	Eric Hillebrand
ECO-13	Topics in recent advances in the analysis of persistent time series in macro-economics and finance	Niels Haldrup
ECO-14	Econometric Analyses of the NordPool Electricity Power Exchange	Niels Haldrup
ECO-15	Time-varying parameter models: observation-driven models vs parameter-driven models	Paolo Santucci de Magistris
ECO-16	The economics and econometrics of the health care market	Peter Thingholm
ECO-17	Estimation of returns to education in Nordic (and/or other) countries, using regression, instrumental-variables, and/or treatment-effect models	Shin Kanaya
ECO-18	Variance risk premia: Computation, historical behaviour and international evidence from stock market indices	Francesco Violante
ECO-19	Quantitative Marketing Research	Bjarne Taulo Sørensen
ECO-20	Customer Analytics	Bjarne Taulo Sørensen
ECO-21	Consumer behaviour	Bjarne Taulo Sørensen
ECO-22	Applied Statistics	Bjarne Taulo Sørensen
ECO-23	Data Mining	Bjarne Taulo Sørensen
ECO-24	Customer and employee satisfaction	Bjarne Taulo Sørensen

Please notice, that each supervisor has office hours allocated to supervision – please contact him/her to know these.

**Supervision and thesis may be in Danish or English** as decided between the student and the supervisor.