

Kandidatkurser Matematik-Økonomi Efterår 2022

[Kursusoversigten som pdf kan også downloades her!](#)

[Du kan ansøge om instruktortet på linket her!](#)

A. Retning Finansiering

A.1 Kurser tilbudt fra Institut for Matematik

[Pricing and Hedging of Derivatives \(10 ECTS\)](#)

[Monte Carlo Simulation \(10 ECTS\)](#)

[Reinforcement Learning \(10 ECTS\)](#)

[Stochastic Calculus \(10 ECTS\)](#)

A.2 Kurser tilbudt fra Institut for Økonomi

[Accounting for Decision and Control \(10 ECTS\)](#)

[Applied Financial Econometrics \(10 ECTS\)](#)

[Applied Time Series Econometrics](#)

[Asset Pricing \(10 ECTS\)](#)

[Corporate Finance \(10 ECTS\)](#)

[Economic Modeling and Inference^{1\)}](#)

[Financial Econometrics \(10 ECTS\)](#)

[Financial Engineering \(10 ECTS\)](#)

[Machine Learning Methods in Empirical Economics \(10 ECTS\)](#)

[Real Estate Finance and Investments \(5 ECTS\)](#)

[Time Series Econometrics \(10 ECTS\)](#)

1) August 2022, uge 33

B. Retning Nationaløkonomi

B.1 Kurser

[Macro 2 \(10 ECTS\)](#)

[Micro 2 \(10 ECTS\)](#)

[Advanced Macroeconomics \(10 ECTS\)](#)

[Applied Microeconomics \(P\) \(10 ECTS\)](#)

[Applied Time Series Econometrics](#)

[Behavioral Economics and Finance \(10 ECTS\)^{1\)}](#)

[Cost Benefit Analysis \(10 ECTS\)](#)

[Developing and Emerging Economies \(5 ECTS\)](#)

[Development Microeconomics \(P\) \(10 ECTS\)](#)

[Economic Growth and the Environment \(10 ECTS\)](#)

[Econometric Methods in Economic Consulting \(10 ECTS\)](#)

[Economic Modeling and Inference^{2\)}](#)

[Environmental Economics \(P\) \(10 ECTS\)](#)

[Health Economics \(10 ECTS\)](#)

[International Economics \(10 ECTS\)](#)

[Labour Economics \(10 ECTS\)](#)

[Machine Learning Methods in Empirical Economics \(10 ECTS\)](#)

[Microeconomics \(10 ECTS\)](#)

[Political Economy \(10 ECTS\)](#)

[Politics and Economics of the EU \(10 ECTS\)](#)

[The Economics of the Welfare State \(10 ECTS\)](#)

[Time Series Econometrics \(10 ECTS\)](#)

1) første tre uger i August 2022 og vejledt selvstudie i juni/juli

2) August 22, uge 33

B.2 Øvrige kurser udbudt af Institut for Økonomi

[Economics of Marketing \(10 ECTS\)](#)

[Organisational Economics and Strategy \(5 ECTS\)](#)

[Theories of the Firm \(10 ECTS\)](#)

B.3 Topics opgaver

[4805: Topics in Economics \(5 ECTS\)](#)

[4810: Topics in Economics \(10 ECTS\)](#)

[4871: Project-based Internship \(10 ECTS\)](#)

[4872: Project-based Internship \(15 ECTS\)](#)

[5831: Topics in Economics \(P\) \(10 ECTS\)](#)

C. Retning Operationsanalyse

C.1 Kurser tilbudt fra Institut for Matematik

[Graph Theory 2 \(10 ECTS\)](#)

[Applied Optimization: Location Planning \(10 ECTS\)](#)

[Reinforcement Learning \(10 ECTS\)](#)

C.2 Kurser tilbudt fra Institut for Økonomi

[Logistics and Business Processes in SAP \(10 ECTS\)](#)

[Revenue Management](#)

[Reinforcement Learning for Business \(5 ECTS\)](#)

[Sequencing and Scheduling \(5 ECTS\)](#)

[Supply Chain Design and Management \(10 ECTS\)](#)

C.3 Kurser tilbudt fra Institut for Datalogi

[Advanced Data Management and Analysis \(10 ECTS\)](#)

[Algorithms, Incentives, and Data \(10 ECTS\)](#)

[Computational Geometry: Theory and Experimentation \(10 ECTS\)](#)

[Computational Learning Theory \(10 ECTS\)](#)

[Deep Learning for Visual Recognition \(10 ECTS\)](#)

[Machine Learning \(10 ECTS\)](#)

[Quantum Information Processing \(10 ECTS\)](#)

[Softwarekonstruktion og softwarearkitektur \(10 ECTS\)](#)

[Theory of Algorithms and Computational Complexity \(10 ECTS\)](#)

D. Alle retninger

D.1 Udbud fra Institut for Matematik

[Advanced Statistical Learning \(10 ECTS\)](#)

[Causal Inference \(10 ECTS\)](#)

[Statistiske Modeller \(10 ECTS\)](#)

[Erhvervsprojekt i Matematik-Økonomi \(10 ECTS\)](#)

[Projektarbejde i Matematik-Økonomi \(5 ECTS\)](#)

[Projektarbejde i Matematik-Økonomi \(10 ECTS\)](#)

D.2 Udbud fra Institut for Økonomi

[Bayesian Data Analysis using R and Stan \(10 ECTS\)](#)

[Business Intelligence and Data Management \(10 ECS\)](#)

[Business Forecasting Business Forecasting \(10 ECTS\)](#)

[Unsupervised Learning with Python \(5 ECTS\)](#)

D.3 Andre kurser på Data Science

[Deep Learning \(10 ECTS\)](#)

[Statistical Learning and Machine Learning \(10 ECS\)^{1\)}](#)

1) Kun som mulig valgfag til bachelorstuderende på 5. semester.

Bemærkninger:

- Kurser markeret som **KURS** ser vi som kernekurser og er anbefalet.
- (P) mener "projekt".
- Nogen kurser på Økonomi vil være skemalagt på samme tidspunkt, så at det er faktisk kun mulig, at vælge et kursus fra disse kurser.

Last update: 5 April 2022