

# Kandidatkurser Matematik-Økonomi Efterår 2020

[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

[Advanced Derivatives Modeling \(P\) \(10 ECTS\)](#)

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

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

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

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

### A.2 Kurser tilbudt fra Institut for Økonomi

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

[6360: Advanced Corporate Finance \(10 ECTS\)](#)

[6365: Advanced Corporate Finance \(5 ECTS\)](#)

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

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

[Asset Allocation \(5 ECTS\)](#)

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

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

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

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

[Financial Intermediation and FinTech \(10 ECTS\)](#)

[High Frequency Econometrics \(P\) \(10 ECTS\)](#)

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

[Mergers and Acquisitions \(5 ECTS\)](#)

[Mergers and Acquisitions \(P\) \(10 ECTS\)](#)

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

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

## B. Retning Nationaløkonomi

### B.1 Kurser E2019

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

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

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

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

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

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

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

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

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

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

[High Frequency Econometrics \(P\) \(10 ECTS\)](#)

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

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

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

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

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

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

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

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

### 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 and Management \(5 ECTS\)](#)

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

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

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

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

## C. Retning Operationsanalyse

## C.1 Kurser tilbudt fra Institut for Matematik

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

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

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

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

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

## C.2 Kurser tilbudt fra Institut for Økonomi

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

[Revenue Management](#)

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

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

[Tools for Analytics \(5 ECTS\)](#)

## C.3 Kurser tilbudt fra Institut for Datalogi

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

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

[Interdisciplinary Digital Entrepreneurship \(10 ECTS\)](#)

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

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

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

## D. Alle retninger

### D.1 Udbud fra Institut for Matematik

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

[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 \(5 ECTS\)](#)

#### 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.