## ECONOMETRIC THEORY

Your Econometric Challenge for a Life-Time Career Enhancer

### Core

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<tbody>
<tr>
<td>Bootcamp Econometrics</td>
<td>Advanced Econometrics</td>
<td>Multivariate Econometrics</td>
<td>Time Series Models</td>
<td>Thesis</td>
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<td>0 EC</td>
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<td>6 EC</td>
<td>18 EC</td>
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</tbody>
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### Specialization courses

Choose 2 (or 3) specialization courses

- Measure Theoretic Probability | 8 EC
- Stochastic Processes: the Fundamentals | 6 EC
- Stochastic Processes for Finance and Derivatives Markets | 6 EC
- Econometrics Research | 6 EC

### Optional courses

Choose 1 of 8 courses, or an additional specialization course

- Evolutionary Computing | 6 EC
- Large Scale Data Engineering | 6 EC
- Functional Analysis | 8 EC
- Web Data Processing Systems | 6 EC
- Stochastic Integration | 8 EC
- Computational Finance | 6 EC
- Big Data Analytics | 6 EC
- Computational Finance | 6 EC

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**Mandatory Courses**

- Advanced Econometrics
- Multivariate Econometrics
- Time Series Models
- Thesis

**Elective Courses**

- Measure Theoretic Probability
- Stochastic Processes: the Fundamentals
- Stochastic Processes for Finance and Derivatives Markets
- Evolutionary Computing
- Large Scale Data Engineering
- Functional Analysis
- Web Data Processing Systems
- Stochastic Integration
- Computational Finance
- Big Data Analytics