# MASTER Econometrics and Operations Research - Course Schedule 2019-2020

## FINANCIAL ENGINEERING
Become the expert on analyzing and designing financial products

<table>
<thead>
<tr>
<th>Core</th>
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<tbody>
<tr>
<td>1</td>
<td>Combinatorial Optimization 6 EC</td>
<td>2</td>
<td>Stochastic Gradient Techniques in Optimization and Learning 6 EC</td>
<td>3</td>
<td>Operations Research Case Study 6 EC</td>
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<tr>
<td>5</td>
<td>Thesis 18 EC</td>
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### Financial Engineering

- **Core**
  - Asset Pricing 6 EC
  - Econometrics for Quantitative Risk Management 6 EC
  - Stochastic Processes: the Fundamentals 6 EC
  - Stochastic Processes for Finance and Derivatives Markets 6 EC

- **Elective**
  - Derivatives 6 EC
  - Institutional Investments and Asset Liability Management 6 EC
  - Econometrics for Quantitative Risk Management 6 EC
  - Stochastic Processes for Finance and Derivatives Markets 6 EC

- **Elective Courses**
  - Econometrics for Quantitative Risk Management 6 EC
  - Stochastic Processes for Finance and Derivatives Markets 6 EC

Choose (at least) 2 courses from 6

Choose 1 course from a general list in study guide

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