Transitional Arrangements MSc Econometrics and Operations Research

In September 2017 the curriculum of the MSc Econometrics and Operations Research will partly change. The SBE Board has, in accordance with the Exam regulations and in consultation with the Programme Directors, Examination Board and the Joint Meeting, made these transitional arrangements for students who did not pass one or more courses from the list below.

Transitional arrangements Specialization Econometrics and Mathematical Economics

1. Case study: Case study: this course will continue in the master specialization Financial Econometrics: E_EORM_FECS.
2. Electives: All electives are taught in period 1, 2, 4 and 5. You can choose electives from this list with a maximum of 2 economic courses:
   - Mathematical Systems and Control Theory
   - Asymptotic Statistics
   - Stochastic Processes for Finance
   - Data Mining Techniques
   - Advanced Algorithms
   - Algorithmic Game Theory
   - Simulation and Stochastic Systems

Economic courses (maximum of 2):
   - Advanced Corporate Finance
   - Asset Pricing
   - Consumer Marketing
   - Mathematics in Economics and Society
   - Advanced Macroeconomics
   - Derivatives
   - Environmental Economics
   - Regional and Urban Economics
   - Customer Intelligence
   - Financial Markets and Institutions
   - Globalization, Growth and Development
   - Labour Economics

Transitional arrangements Specialization Operations Research and Business Econometrics

1. Advanced Algorithms: This course will no longer be offered, Combinatorial Optimization with similar content will replace this course and will be offered in period 1
2. Algorithmic Game Theory: This course will no longer be offered, Behavioral Operations Research with similar content will replace this course and will be offered in period 4
3. Simulation and Stochastic Systems: This course will no longer be offered, Optimization Under Uncertainty with similar content will replace this course and will be offered in period 2
4. Electives: All electives are taught in period 1, 2, 4 and 5. If you miss one or more electives you can also follow one of the new electives. A complete list of electives can be found in the schedule below.

5. Case study: This course will no longer be offered, Operations Research Case Study with similar content will replace this course and will be offered in period 3.

<table>
<thead>
<tr>
<th>Period</th>
<th>Course</th>
<th>Transitional Arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Advanced Algorithms</td>
<td>Follow the replacing course Combinatorial Optimization in period 1</td>
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<tr>
<td>2</td>
<td>Algorithmic Game Theory</td>
<td>Follow the replacing course Behavioral Operations Research in period 4</td>
</tr>
<tr>
<td>3</td>
<td>Case study</td>
<td>Follow the replacing course Operations Research Case Study in period 3</td>
</tr>
<tr>
<td>4</td>
<td>Simulation and Stochastic Systems</td>
<td>Follow the replacing course Optimization Under Uncertainty in period 2</td>
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<td>5 + 6</td>
<td>Thesis</td>
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</tbody>
</table>

Electives: choose 3 courses from this list, with a maximum of 2 economic courses:
- Mathematical Systems and Control Theory
- Asymptotic Statistics
- Stochastic Processes for Finance
- Data Mining Techniques
- Advanced Algorithms
- Algorithmic Game Theory
- Simulation and Stochastic Systems
- Continuous Optimization
- Discrete Optimization
- Heuristic Methods in OR
- Scheduling
- Advanced Linear Programming
- Queueing Theory
- Large Scale Data Engineering
- Web Data Processing Systems
- Machine Learning for Econometrics (UvA)
- Evolutionary Computing
- Distributed Computing
- Financial Mathematics
- Dynamical Systems
- Ergodic Theory
- Mathematical Biology
- Mathematical Structures for logic
- Portfolio Theory
- Stochastic Integration
- Measure Theoretical Probability
- Computational Finance

**Economics courses (maximum of 2):**
- Advanced Corporate Finance
- Asset Pricing
- Consumer Marketing
- Advanced Macroeconomics
- Derivatives
- Environmental Economics
- Regional and Urban Economics
- Customer Intelligence
- Financial Markets and Institutions
- Globalization, Growth and Development
- Labour Economics
- Supply Chain Execution
- Geographical Information Systems
- Transportation Economics and Management
- Econometrics for Quantitative Risk Management
- Institutional Investments and Asset Liability Management

If you have any questions about this arrangements please contact the Academic Advisors: VUnet.

Adopted by the SBE Board on 27 June 2017 and endorsed by Joint Meeting on 6 July 2017.