Transitional arrangements master Econometrics and Operations Research 2018-2019 due to curriculum changes

Introduction
Underneath the transitional arrangements related to curriculum changes during the past years. The transitional arrangements are relevant for senior students that have to fulfill an earlier curriculum. The overview concerns curriculum changes per 2018-2019, plus curriculum changes from earlier years.

Note: If a specific course from an old curriculum has successfully been passed, you are not allowed to attend the replacing course.

Transitional arrangements due to curriculum changes 2018-2019
Concerning courses from 2017-2018, that are no longer offered in 2018-2019, transitional arrangements apply:

- Courses that are not offered anymore, one extra exam will be offered, provided you have actually participated in the course during 2017-2018. If you fail this extra exam, or if you do not make use of this opportunity, you can follow the replacing course.
- Concerning courses with a name change, you can follow the course with the new name (provided that you have not passed the original course yet).

<table>
<thead>
<tr>
<th>Programme</th>
<th>Specialisation / year</th>
<th>Ceased course</th>
<th>Period</th>
<th>ec</th>
<th>Course code</th>
<th>Type of change</th>
<th>Extra exam</th>
<th>Replacing new course</th>
<th>Period</th>
<th>ec</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM_EOR</td>
<td>(several)</td>
<td>Stochastic Proces for Finance</td>
<td>period 1+2</td>
<td>6.0</td>
<td>E_FIN_SPF</td>
<td>Name</td>
<td>n.a.</td>
<td>Stochastic Processes: the Fundamentals (E_FIN_SPFUN)</td>
<td>period 1</td>
<td>6.0</td>
<td>E_FIN_SPFUN</td>
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<tr>
<td>EM_EOR</td>
<td>Econometric Theory</td>
<td>Dynamic Econometrics</td>
<td>period 2</td>
<td>6.0</td>
<td>E_EORM_DE</td>
<td>Name</td>
<td>n.a.</td>
<td>Multivariatie Econometrics</td>
<td>period 2</td>
<td>6.0</td>
<td>E_EORM_MVE</td>
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<tr>
<td>EM_EOR</td>
<td>Econometric Theory</td>
<td>Econometrics Essays</td>
<td>period 3+4</td>
<td>6.0</td>
<td>E_EORM_ECE</td>
<td>Name</td>
<td>n.a.</td>
<td>Econometrics Research</td>
<td>period 3+4</td>
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<td>E_EORM_ECR</td>
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<tr>
<td>EM_EOR</td>
<td>Econometric Theory</td>
<td>Stochastic Processes</td>
<td>period 4+5</td>
<td>8.0</td>
<td>X_400339</td>
<td>Not offered anymore</td>
<td>No; follow the course at the FEW faculty (periode 4+5, request via VUnet), or choose Stochastic Processes: the Fundamentals (period 1, EM_FIN)</td>
<td>Choose a different elective</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
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<tr>
<td>Programme</td>
<td>Specialisation / year</td>
<td>Ceased course</td>
<td>Period</td>
<td>ec</td>
<td>Course code</td>
<td>Type of change</td>
<td>Extra exam</td>
<td>Replacing new course</td>
<td>Period</td>
<td>ec</td>
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<tr>
<td>EM_EOR</td>
<td>Econometric Theory</td>
<td>Time Series Econometrics</td>
<td>period 4</td>
<td>6.0</td>
<td>E_EORM_TSE</td>
<td>Name n.a.</td>
<td>Time Series Models</td>
<td>period 4</td>
<td>6.0</td>
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<tr>
<td>EM_EOR</td>
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<td>Dynamic Econometrics</td>
<td>period 2</td>
<td>6.0</td>
<td>E_EORM_DE</td>
<td>Name n.a.</td>
<td>Multivariat Econometrics</td>
<td>period 2</td>
<td>6.0</td>
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<tr>
<td>EM_EOR</td>
<td>Marketing Data Science</td>
<td>Dynamic Econometrics</td>
<td>period 2</td>
<td>6.0</td>
<td>E_EORM_DE</td>
<td>Name n.a.</td>
<td>Multivariat Econometrics</td>
<td>period 4</td>
<td>6.0</td>
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<tr>
<td>EM_EOR</td>
<td>Marketing Data Science</td>
<td>Geomarketing</td>
<td>period 4</td>
<td>6.0</td>
<td>E_MKT_GEOM</td>
<td>Name n.a.</td>
<td>Big Data Analytics using Geographic Information Systems</td>
<td>period 4</td>
<td>6.0</td>
<td></td>
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<tr>
<td>EM_EOR</td>
<td>Marketing Data Science</td>
<td>Time Series Econometrics</td>
<td>period 4</td>
<td>6.0</td>
<td>E_EORM_TSE</td>
<td>Name n.a.</td>
<td>Time Series Models</td>
<td>period 4</td>
<td>6.0</td>
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<tr>
<td>EM_EOR</td>
<td>Quantitative Economics</td>
<td>Dynamic Econometrics</td>
<td>period 2</td>
<td>6.0</td>
<td>E_EORM_DE</td>
<td>Name n.a.</td>
<td>Multivariat Econometrics</td>
<td>period 2</td>
<td>6.0</td>
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<tr>
<td>EM_EOR</td>
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<td>Time Series Econometrics</td>
<td>period 4</td>
<td>6.0</td>
<td>E_EORM_TSE</td>
<td>Name n.a.</td>
<td>Time Series Models</td>
<td>period 4</td>
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<td>EM_EOR</td>
<td>Supply Chain Management</td>
<td>Supply Chain Management</td>
<td>period 1</td>
<td>6.0</td>
<td>E_BA_SCM</td>
<td>Name + period n.a.</td>
<td>Operations and Supply Chain Management</td>
<td>period 3</td>
<td>6.0</td>
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</table>

Adopted by the SBE Board and endorsed by Joint Meeting on June 21, 2018.
Transitional Arrangements MSc Econometrics and Operations Research

In September 2017 the curriculum of the MSc Econometrics and Operations Research has partly changed. 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 and started their master in September 2016 or before that date.

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: Follow Combinatorial Optimization with similar content in period 1
2. Algorithmic Game Theory: Follow Behavioral Operations Research with similar content in period 4
3. Simulation and Stochastic Systems: Follow Optimization Under Uncertainty with similar content 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: Follow Operations Research Case Study with similar content 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>
</tr>
<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>
</tr>
<tr>
<td>5 + 6</td>
<td>Thesis</td>
<td></td>
</tr>
</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.