

# 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).

Programme	Specialisation / year	Curriculum 2017-2018				Type of change	Extra exam	Curriculum 2018-2019			
		Ceased course	Period	ec	Course code			Replacing new course	Period	ec	Course
EM_EOR	(several)	Stochastic Proces for Finance	period 1+2	6.0	E_FIN_SPF	Name	n.a.	Stochastic Processes: the Fundamentals (E_FIN_SPFUN)	period 1	6.0	E_FIN_SPFUN
EM_EOR	Econometric Theory	Dynamic Econometrics	period 2	6.0	E_EORM_DE	Name	n.a.	Multivariate Econometrics	period 2	6.0	E_EORM_MVE
EM_EOR	Econometric Theory	Econometrics Essays	period 3+4	6.0	E_EORM_ECE	Name	n.a.	Econometrics Research	period 3+4	6.0	E_EORM_ECR
EM_EOR	Econometric Theory	Stochastic Processes	period 4+5	8.0	X_400339	Not offered anymore	No; follow the course at the FEW faculty (periode 4+5, request via VUnet), or choose Stochastic Processes: the Fundamentals (period 1, EM_FIN)	Choose a different elective	n.a.	n.a.	n.a.

		Curriculum 2017-2018				Type of change	Curriculum 2018-2019				
Programme	Specialisation / year	Ceased course	Period	ec	Course code		Extra exam	Replacing new course	Period	ec	Course
EM_EOR	Econometric Theory	Time Series Econometrics	period 4	6.0	E_EORM_TSE	Name	n.a.	Time Series Models	period 4	6.0	E_EORM_TSM
EM_EOR	Financial Econometrics	Dynamic Econometrics	period 2	6.0	E_EORM_DE	Name	n.a.	Multivariate Econometrics	period 2	6.0	E_EORM_MVE
EM_EOR	Financial Econometrics	Time Series Econometrics	period 4	6.0	E_EORM_TSE	Name	n.a.	Time Series Models	period 4	6.0	E_EORM_TSM
EM_EOR	Marketing Data Science	Dynamic Econometrics	period 2	6.0	E_EORM_DE	Name	n.a.	Multivariate Econometrics	period 2	6.0	E_EORM_MVE
EM_EOR	Marketing Data Science	Geomarketing	period 4	6.0	E_MKT_GEOM	Name	n.a.	Big Data Analytics using Geographic Information Systems	period 4	6.0	E_MKT_BDAGIS
EM_EOR	Marketing Data Science	Time Series Econometrics	period 4	6.0	E_EORM_TSE	Name	n.a.	Time Series Models	period 4	6.0	E_EORM_TSM
EM_EOR	Quantitative Economics	Dynamic Econometrics	period 2	6.0	E_EORM_DE	Name	n.a.	Multivariate Econometrics	period 2	6.0	E_EORM_MVE
EM_EOR	Quantitative Economics	Time Series Econometrics	period 4	6.0	E_EORM_TSE	Name	n.a.	Time Series Models	period 4	6.0	E_EORM_TSM
EM_EOR	Supply Chain Management	Supply Chain Management	period 1	6.0	E_BA_SCM	Name + period	n.a.	Operations and Supply Chain Management	period 3	6.0	E_BA_OSCM

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.

Period	Course	Transitional Arrangement
1	Advanced Algorithms	Follow the replacing course Combinatorial Optimization in period 1
2	Algorithmic Game Theory	Follow the replacing course Behavioral Operations Research in period 4
3	Case study	Follow the replacing course Operations Research Case Study in period 3
4	Simulation and Stochastic Systems	Follow the replacing course Optimization Under Uncertainty in period 2
5 + 6	Thesis	
Electives	<p>choose 3 courses from a this list, with a maximum of 2 economic courses:</p> <ul style="list-style-type: none"> <li>- Mathematical Systems and Control Theory</li> <li>- Asymptotic Statistics</li> <li>- Stochastic Processes for Finance</li> <li>- Data Mining Techniques</li> <li>- Advanced Algorithms</li> <li>- Algorithmic Game Theory</li> <li>- Simulation and Stochastic Systems</li> <li>- Continuous Optimization</li> <li>- Discrete Optimization</li> <li>- Heuristic Methods in OR</li> <li>- Scheduling</li> <li>- Advanced Linear Programming</li> <li>- Queueing Theory</li> <li>- Large Scale Data Engineering</li> <li>- Web Data Processing Systems</li> <li>- Machine Learning for Econometrics (UvA)</li> <li>- Evolutionary Computing</li> <li>- Distributed Computing</li> <li>- Financial Mathematics</li> <li>- Dynamical Systems</li> <li>- Ergodic Theory</li> <li>- Mathematical Biology</li> <li>- Mathematical Structures for logic</li> <li>- Portfolio Theory</li> <li>- Stochastic Integration</li> <li>- Measure Theoretical Probability</li> <li>- Computational Finance</li> </ul> <p><b>Economics courses (maximum of 2):</b></p> <ul style="list-style-type: none"> <li>- Advanced Corporate Finance</li> <li>- Asset Pricing</li> <li>- Consumer Marketing</li> </ul>	

	<ul style="list-style-type: none"><li>- Advanced Macroeconomics</li><li>- Derivatives</li><li>- Environmental Economics</li><li>- Regional and Urban Economics</li><li>- Customer Intelligence</li><li>- Financial Markets and Institutions</li><li>- Globalization, Growth and Development</li><li>- Labour Economics</li><li>- Supply Chain Execution</li><li>- Geographical Information Systems</li><li>- Transportation Economics and Management</li><li>- Econometrics for Quantitative Risk Management</li><li>- Institutional Investments and Asset Liability Management</li></ul>
--	---

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.