

# Course Descriptions None 2025-2026

Course Title	Operations Management																																																					
Course Code	EBC2064																																																					
ECTS Credits	6,5																																																					
Assessment	Whole/Half Grades																																																					
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri																																														
	1	1-9-2025	17-10-2025	X		X																																																
Level	Intermediate																																																					
Coordinator	Veerle Timmermans, Lissa Melis For more information:vm.timmermans@maastrichtuniversity.nl; lissa.melis@maastrichtuniversity.nl																																																					
Language of instruction	English																																																					
Goals	<ul style="list-style-type: none"> <li>* Know the important role and nature of operations management in international business;</li> <li>* Be able to apply and develop techniques for understanding, design, and management of operations;</li> <li>* Understand and be able to judge the role and functioning of quantitative models for decision making in the management of operations;</li> <li>* Be able to derive managerial decisions based on the outcome of these models.</li> </ul>																																																					
Description	The course focusses on the application of techniques in the area of Operations Management. Covered topics include forecasting, material requirements planning, routing, scheduling of assembly lines. Addressing these topics, several quantitative techniques (mostly heuristics and metaheuristics) that have shown to be successful in these areas are applied to examples and exercises. The course combines cases, exercises and discussions, facilitated by your tutor and the students themselves.																																																					
Literature	Course notes will be made available by the coordinator. No additional textbook is required.																																																					
Prerequisites	<p>&lt;ul&gt;&lt;li&gt;Basic knowledge on the role and scope of Operations Management within Business.&lt;/li&gt;&lt;li&gt;Advanced mathematical skills; ability to understand quantitative models and concepts, and apply these.&lt;/li&gt;&lt;li&gt;An advanced level of English.&lt;/li&gt;&lt;li&gt;Some level of expertise in PBL (Problem Based Learning).&lt;/li&gt;&lt;/ul&gt;&lt;p&gt;From the above, it can be assumed that students taking this course have at the very minimum obtained the necessary knowledge in order to pass the course Management of Operations and Product Development (MOPD).&lt;/p&gt;</p>																																																					
Transitional Regulations	<p>&lt;div class="trreg"&gt;&lt;div class="subtitle"&gt;TRANSITIONAL REGULATIONS&lt;/div&gt;&lt;ul class="trcohorts"&gt;&lt;li&gt;Bachelor Economics and Business Economics - Economics and Management of Information [2024-2025 or earlier]&lt;/li&gt;&lt;li&gt;Bachelor Economics and Business Economics - International Business Economics [2024-2025 or earlier]&lt;/li&gt;&lt;li&gt;Bachelor International Business [2024-2025 or earlier]&lt;/li&gt;&lt;/ul&gt;&lt;ol&gt;&lt;li&gt;From 2025-2026 onwards, education and exam/resit opportunities are offered.&lt;br/&gt;Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 16 for more information.&lt;/li&gt;&lt;/ol&gt;&lt;table&gt;&lt;col style="width: 200px;"&gt;&lt;col style="width: 120px;"&gt;&lt;col style="width: 120px;"&gt;&lt;thead&gt;&lt;tr&gt;&lt;th&gt;Academic Year&lt;/th&gt;&lt;th&gt;Education&lt;/th&gt;&lt;th&gt;Exam/Resit&lt;/th&gt;&lt;th&gt;Replacement(s)&lt;/th&gt;&lt;/tr&gt;&lt;/thead&gt;&lt;tbody&gt;&lt;tr&gt;&lt;td&gt;2025-2026 onwards&lt;/td&gt;&lt;td&gt;X&lt;/td&gt;&lt;td&gt;X&lt;/td&gt;&lt;td&gt;See the Bachelor EER 2025-2026 Appendix I Article 16 for more information&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;&lt;/div&gt;</p>																																																					
Teaching methods	PBL / Presentation / Lecture / Assignment / Papers / Groupwork																																																					
Assessment methods	Participation / Written Exam / Assignment																																																					
Evaluation in previous academic year	For the complete evaluation of this course please click <a href="http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM">http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM</a>																																																					
This course belongs to the following programme / specialisation	<table border="1"> <tr> <td>Bachelor Business Analytics</td> <td>Year 3 Elective Courses</td> </tr> <tr> <td>Bachelor Economics and Business Economics - Economics</td> <td>Year 3 Business Electives</td> </tr> <tr> <td>Bachelor Economics and Business Economics - Emerging Markets</td> <td>Year 3 Elective Courses</td> </tr> <tr> <td>Bachelor Economics and Business Economics - Economics and Management of Information</td> <td>In transition - Year 2+3 Elective Courses</td> </tr> <tr> <td>Bachelor Economics and Business Economics - Economics and Management of Information</td> <td>Year 3 Free Elective</td> </tr> <tr> <td>Bachelor Economics and Business Economics - International Business Economics</td> <td>In transition - Maj Inf Mgmt - Business Elec</td> </tr> <tr> <td>Bachelor Economics and Business Economics - International Business Economics</td> <td>In transition - Maj Macro - Business Elec</td> </tr> <tr> <td>Bachelor Economics and Business Economics - International Business Economics</td> <td>In transition - Maj Micro - Business Elec</td> </tr> <tr> <td>Bachelor Economics and Business Economics - International Business Economics</td> <td>In transition - Maj SCM- Core Courses</td> </tr> <tr> <td>Bachelor Economics and Business Economics - International Business Economics</td> <td>Year 3 Business Elective</td> </tr> <tr> <td>Bachelor Econometrics and Operations Research</td> <td>Year 3 Elective Courses</td> </tr> <tr> <td>Bachelor International Business - Emerging Markets</td> <td>Year 3 Elective Courses</td> </tr> <tr> <td>Bachelor International Business</td> <td>In transition - Maj Accounting - Business Elec</td> </tr> <tr> <td>Bachelor International Business</td> <td>In transition - Maj Finance - Business Elec</td> </tr> <tr> <td>Bachelor International Business</td> <td>In transition - Maj Inf Mgmt - Business Elec</td> </tr> <tr> <td>Bachelor International Business</td> <td>In transition - Maj Marketing - Business Elec</td> </tr> <tr> <td>Bachelor International Business</td> <td>In transition - Maj Org - Business Elec</td> </tr> <tr> <td>Bachelor International Business</td> <td>In transition - Maj Strategy - Business Elec</td> </tr> <tr> <td>Bachelor International Business</td> <td>Year 3 Core Courses - Maj SCM</td> </tr> <tr> <td>SBE Exchange Bachelor</td> <td>Bachelor Exchange Courses</td> </tr> <tr> <td>SBE Exchange Master</td> <td>Bachelor Exchange Courses</td> </tr> <tr> <td>SBE Non Degree Courses</td> <td>Bachelor Courses</td> </tr> <tr> <td>Pre-master International Business specialisation Supply Chain Management</td> <td>Disciplinary Courses</td> </tr> </table>								Bachelor Business Analytics	Year 3 Elective Courses	Bachelor Economics and Business Economics - Economics	Year 3 Business Electives	Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Courses	Bachelor Economics and Business Economics - Economics and Management of Information	In transition - Year 2+3 Elective Courses	Bachelor Economics and Business Economics - Economics and Management of Information	Year 3 Free Elective	Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Inf Mgmt - Business Elec	Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Macro - Business Elec	Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Micro - Business Elec	Bachelor Economics and Business Economics - International Business Economics	In transition - Maj SCM- Core Courses	Bachelor Economics and Business Economics - International Business Economics	Year 3 Business Elective	Bachelor Econometrics and Operations Research	Year 3 Elective Courses	Bachelor International Business - Emerging Markets	Year 3 Elective Courses	Bachelor International Business	In transition - Maj Accounting - Business Elec	Bachelor International Business	In transition - Maj Finance - Business Elec	Bachelor International Business	In transition - Maj Inf Mgmt - Business Elec	Bachelor International Business	In transition - Maj Marketing - Business Elec	Bachelor International Business	In transition - Maj Org - Business Elec	Bachelor International Business	In transition - Maj Strategy - Business Elec	Bachelor International Business	Year 3 Core Courses - Maj SCM	SBE Exchange Bachelor	Bachelor Exchange Courses	SBE Exchange Master	Bachelor Exchange Courses	SBE Non Degree Courses	Bachelor Courses	Pre-master International Business specialisation Supply Chain Management	Disciplinary Courses
Bachelor Business Analytics	Year 3 Elective Courses																																																					
Bachelor Economics and Business Economics - Economics	Year 3 Business Electives																																																					
Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Courses																																																					
Bachelor Economics and Business Economics - Economics and Management of Information	In transition - Year 2+3 Elective Courses																																																					
Bachelor Economics and Business Economics - Economics and Management of Information	Year 3 Free Elective																																																					
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Inf Mgmt - Business Elec																																																					
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Macro - Business Elec																																																					
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Micro - Business Elec																																																					
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj SCM- Core Courses																																																					
Bachelor Economics and Business Economics - International Business Economics	Year 3 Business Elective																																																					
Bachelor Econometrics and Operations Research	Year 3 Elective Courses																																																					
Bachelor International Business - Emerging Markets	Year 3 Elective Courses																																																					
Bachelor International Business	In transition - Maj Accounting - Business Elec																																																					
Bachelor International Business	In transition - Maj Finance - Business Elec																																																					
Bachelor International Business	In transition - Maj Inf Mgmt - Business Elec																																																					
Bachelor International Business	In transition - Maj Marketing - Business Elec																																																					
Bachelor International Business	In transition - Maj Org - Business Elec																																																					
Bachelor International Business	In transition - Maj Strategy - Business Elec																																																					
Bachelor International Business	Year 3 Core Courses - Maj SCM																																																					
SBE Exchange Bachelor	Bachelor Exchange Courses																																																					
SBE Exchange Master	Bachelor Exchange Courses																																																					
SBE Non Degree Courses	Bachelor Courses																																																					
Pre-master International Business specialisation Supply Chain Management	Disciplinary Courses																																																					