Course Descriptions None 2026-2027

Course Title	Strategic Management of Technology and Innovation
Course Code	EBC2068
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
5	12-4-2027	4-6-2027		X			X

Level	Intermediate
Coordinator	João Fontes Duarte For more information:j.fontesduarte@maastrichtuniversity.nl
Language of instruction	English
Goals	Technological change and innovation have to be managed by firms. In this course we will explore what main challenges firms face in their technological change and innovation activities and which concepts, techniques, tools and management processes are helpful to successfully advance technological change and innovations.
Description	This is an introductory course to the management of innovation. Thus it aims at introducing theories, models and tools to the students that are central to managing the identification, development and commercialization of innovations. Core topics covered in this course include market failures faced by innovating firms, knowledge about the various definitions of an innovation and innovative activities, how to search for novel ideas (inside as well as outside of the firms' boundaries), what tools to use inside and outside of the firm to evaluate promising ideas efficiently and accurately, ways to acquire external financing in case of cash flow constraints, tools to use to increase appropriability of innovations as well as various forms to develop innovations inside and outside of the firm. In examples, cases, and an assignment students work out in practice how to assess the feasibility and desirability of innovation opportunities and how to manage innovation from the first idea to implementing an innovation plan.
Literature	Book, articles and case studies.
Prerequisites	* Basic knowledge of: management/business economics, organization and strategy. * An advanced level of English.
Transitional Regulations	<ul class="trcohorts"> - Bachelor Economics and Business Economics - Economics and Management of Information [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Information Management [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Macroeconomics [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Microeconomics [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Strategy [2024-2025 or earlier] - From 2025-2026 onwards, education and exam/resit opportunities are offered. Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 16 for more information. <table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2025-2026 onwards</td><td>X</td><td>X</td><td>See the Bachelor EER 2025-2026 Appendix I Article 16 for more information</td></tr></tbody></table> <ul class="trcohorts"> - Bachelor International Business - Major Accounting [2024-2025 or earlier] - Bachelor International Business - Major Finance [2024-2025 or earlier] - Bachelor International Business - Major Information Management [2024-2025 or earlier] - Bachelor International Business - Major Marketing [2024-2025 or earlier] - Bachelor International Business - Major Organisation [2024-2025 or earlier] - Bachelor International Business - Major Supply Chain Management [2024-2025 or earlier] - From 2025-2026 onwards, education and exam/resit opportunities are offered. Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 18 for more information. <table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2025-2026 onwards</td><td>X</td><td>X</td><td>See the Bachelor EER 2025-2026 Appendix I Article 18 for more information</td></tr></tbody></table> <ul class="trcohorts"> - Pre-master International Business - Entrepreneurship and Business Development [2022-2023 and earlier] - In 2023-2024 education and exam/resit opportunities are offered. - From 2024-2025 onwards, the course is cancelled. Note that in 2023-2024, EBC2147 "Social Entrepreneurship" or EBC2171 "Entrepreneurship: Theory and Practice" is offered as a replacement. <table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2023-2024</td><td>X</td><td>X</td><td>EBC2147 "Social Entrepreneurship" or EBC2171 "Entrepreneurship: Theory and Practice"</td></tr><tr><td>2024-2025 onwards</td><td> </td><td> </td><td> </td></tr></tbody></table> <ul class="trcohorts"> - Pre-master International Business - Strategy and Innovation [2022-2023 and earlier] - In 2023-2024 education and exam/resit opportunities are offered. - From 2024-2025 onwards, the course is cancelled. Note that in 2023-2024, EBC2051 "Business and Politics in Europe" or EBC2069 "International Business History" is offered as a replacement. <table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2023-2024</td><td>X</td><td>X</td><td>EBC2051 "Business and Politics in Europe" or EBC2069 "International Business History"</td></tr><tr><td>2024-2025 onwards</td><td> </td><td> </td><td> </td></tr></tbody></table>
Teaching methods	PBL / Presentation / Lecture / Assignment / Papers / Groupwork / Research
Assessment methods	Final Paper / Written Exam
Evaluation in previous academic year	For the complete evaluation of this course please click http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM

This course belongs to the following programme / specialisation

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 Strategy - Core Courses
Bachelor Economics and Business Economics - International Business Economics	Year 3 Business Elective
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 SCM - Business Elec
Bachelor International Business	Year 3 Core Courses - Maj Strategy
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses
Pre-master International Business specialisation Entrepreneurship and Business Development	Cancelled - Disciplinary Courses
Pre-master International Business specialisation Strategy and Innovation	Cancelled - Disciplinary Courses