# Course Descriptions None 2025-2026

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| Course Title | Industrial Economics |
| Course Code | EBC4007 |
| ECTS Credits | 6,5 |
| Assessment | Whole/Half Grades |

Period

| Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|---|---|---|---|---|---|---|---|
| 4 | 2-2-2026 | 27-3-2026 | | X | | X | |

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| Level | Advanced |
| Coordinator | Andrés Perea y Monsuwé, Marco Catola For more information:a.perea@maastrichtuniversity.nl; m.catola@maastrichtuniversity.nl |
| Language of instruction | English |
| Goals | The aim of this course is to guide the students through some of the most important models in Industrial Economics. In this area we investigate the behavior of firms, both in monopolistic and oligopolistic markets. In oligopolistic markets we study small numbers of firms that compete with each other by choosing quantities, prices, product characteristics, or marketing strategies. We often use game theory to investigate such competition models. This is natural since in these settings firms must reason about the decisions of other firms before deciding about their own strategy. Hence, such competition models can be seen as games between firms. In this course we will not only analyze the various models game theoretically, but will also discuss the findings in these models from an intuitive economic point of view. A good conceptual understanding and economic intuition is considered very important. |
| Description | Every week of this course consists of one theory lecture and one exercise session. During the exercise session we will discuss some exercises about the theory of that week. These exercise sessions will be highly interactive, as students will be asked to explain an exercise, or a part of it, to their fellow students on the whiteboard.<br>Some topics that we will discuss are: Static and dynamic models of quantity and price competition, horizontal and vertical product differentiation, price discrimination, asymmetric information, signaling by prices and advertising, cartels, and models of strategic entry. |
| Literature | "Industrial Organization: Markets and Strategies" by Paul Belleflamme and Martin Peitz, Cambridge University Press, Cambridge, 2015 (second edition). |
| Prerequisites | <ul><li>A good understanding of micro economics, and a basic knowledge of game theory.</li></ul> |
| Transitional Regulations | TRANSITIONAL REGULATIONS <ul class="trcohorts"><li>Master Business Research</li><li>Master Business Research - Operations Research</li></ul><ol><li>In 2024-2025 and 2025-2026 education and exam/resit opportunities are offered.</li><li>In 2026-2027 exam/resit opportunities are offered.</li><li>From 2027-2028 onwards, the course is cancelled.</li></ol><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>2024-2025 - 2025-2026</td><td>X</td><td>X</td><td> </td></tr><tr><td>2026-2027</td><td> </td><td>X</td><td> </td></tr><tr><td>2027-2028 onwards</td><td> </td><td> </td><td> </td></tr></tbody></table> |
| Teaching methods | PBL / Lecture |
| Assessment methods | 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

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| Master Business Research - No specialisation | In transition - Y2 Free Electives |
| Master Business Research - Operations Research | In transition - Year 1+2 Elective Courses |
| Master Econometrics and Operations Research | E&OR Electives |
| Master Economic and Financial Research - Econometrics | Elective Courses |
| Master Economic and Financial Research - Econometrics | Year 1 Core Courses |
| Master Economic and Financial Research - No specialisation | Elective Courses |
| SBE Exchange Master | Master Exchange Courses |
| SBE Non Degree Courses | Master Courses |