Course Descriptions None 2026-2027

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	1-2-2027	25-3-2027		X		X	

Level	Advanced
Coordinator	Arkadi Predtetchinski, Andrés Perea y Monsuwé For more information:a.predtetchinski@maastrichtuniversity.nl; a.perea@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. 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	A good understanding of micro economics, and a basic knowledge of game theory.
Transitional Regulations	<ul class="trcohorts"> - Master Business Research - No specialisation [2023-2024 and earlier] - Master Business Research - Operations Research [2023-2024 and earlier] - In 2024-2025 and 2025-2026 education and exam/resit opportunities are offered. - In 2026-2027 exam/resit opportunities are offered. - From 2027-2028 onwards, the course is cancelled. <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

Master Business Research - No specialisation	In transition - Year 2 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 and Operations Research	Elective Courses
Master Economic and Financial Research - Econometrics and Operations Research	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