

## Course Descriptions Master 2019-2020

Course Title Industrial Economics  
 Course Code EBC4007  
 ECTS Credits 6,5  
 Assessment None

| Period | Period | Start    | End      | Mon | Tue | Wed | Thu | Fri |
|--------|--------|----------|----------|-----|-----|-----|-----|-----|
| 4      |        | 3-2-2020 | 3-4-2020 | X   |     | X   |     |     |

Level Advanced

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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.

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                         | Year 2 Free Elective(s)   |
| Master Business Research - Operations Research                       | Year 1 Elective Course(s) |
| Master Business Research - Operations Research                       | Year 2 Elective Course(s) |
| Master Econometrics and Operations Research - Econometrics           | Elective Course(s)        |
| Master Econometrics and Operations Research - Mathematical Economics | Compulsory Course(s)      |
| Master Econometrics and Operations Research - No specialisation      | Elective Course(s)        |
| Master Econometrics and Operations Research - Operations Research    | Elective Course(s)        |
| Master Economic and Financial Research - Econometrics                | Year 1 Core Course(s)     |
| Master Economic and Financial Research - Econometrics                | Year 1 Elective Course(s) |
| Master Economic and Financial Research - No specialisation           | Year 1 Elective Course(s) |
| SBE Exchange Master  | Master Exchange Courses   |
| SBE Non Degree Courses   | Master Courses            |