

Course Descriptions Bachelor 2023-2024

Course Title Thinking Strategically
 Course Code EBC2082
 ECTS Credits 6,5
 Assessment Whole/Half Grades

| Period | Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|--------|--------|----------|------------|-----|-----|-----|-----|-----|
| | 1 | 4-9-2023 | 20-10-2023 | X | | X | | |

Level Intermediate/Advanced

Coordinator Andrés Perea y Monsuwé For more information: a.perea@maastrichtuniversity.nl

Language of instruction English

Goals After this course students know the basic concepts of game theory and their applications to economics.

Description In many situations, economic actors need to make decision while knowing that the final outcome will also depend on the decisions of others. Think, for instance, of competing firms who must choose a price for their product, knowing that their market share will also depend on the prices of the competitors. Such situations are called games, and the actors involved are called players. In order to reach a good decision, it is important for a player to reason about the decisions and motivations of his opponents. In this course you learn how to reason about your opponents in game theoretic situations, and how to use this reasoning to make good decisions. The theory will be applied to various economic situations of interest.

Literature Andrés Perea: "Epistemic Game Theory: Reasoning and Choice", Cambridge University Press, 2012.

Prerequisites Basic knowledge of standard calculus, as taught in the first year of an average program in economics or business. For students from Maastricht: level of QM1 and QM2.

Teaching methods PBL / Lecture / Assignment

Assessment methods Attendance / Participation / 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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|---|---|
| Bachelor Economics and Business Economics - Economics | Year 3 Quantitative Economics Elective(s) |
| Bachelor Economics and Business Economics - Emerging Markets | Year 3 Elective Course(s) |
| Bachelor Economics and Business Economics - Economics and Management of Information | Year 2+3 Quantitative Economics Elective(s) |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj Accounting |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj Finance |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj Inf Mgmt |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj Marketing |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj Org |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj SCM |
| Bachelor Economics and Business Economics - International Business Economics | Year 3 QE Elec(s) - Maj Strategy |
| Bachelor International Business - Emerging Markets | Year 3 Elective Course(s) |
| Bachelor International Business | Year 3 QE Elec(s) - Maj Accounting |
| Bachelor International Business | Year 3 QE Elec(s) - Maj Finance |
| Bachelor International Business | Year 3 QE Elec(s) - Maj Inf Mgmt |
| Bachelor International Business | Year 3 QE Elec(s) - Maj Marketing |
| Bachelor International Business | Year 3 QE Elec(s) - Maj Org |
| Bachelor International Business | Year 3 QE Elec(s) - Maj SCM |
| Bachelor International Business | Year 3 QE Elec(s) - Maj Strategy |
| SBE Exchange Bachelor | Bachelor Exchange Courses |
| SBE Exchange Master | Bachelor Exchange Courses |
| SBE Non Degree Courses | Bachelor Courses |