

## Module Handbook

TUK MODHB Homepage

# Module WIW-IOE-IIO-M-7

Industrial Organization (M, 4.5 LP)

## Module Identification

Module Number	Module Name	CP (Effort)
WIW-IOE-IIO-M-7	<i>Industrial Organization</i>	4.5 CP (135 h)

## Basedata

CP, Effort	4.5 CP = 135 h
Position of the semester	1 Sem. in WiSe
Level	[7] Master (Advanced)
Language	[EN] English
Module Manager	Weinschenk, Philipp, Prof. Dr. (PROF   DEPT: WIW)
Lecturers	Bach, Christian, Dr. (EXT   DEPT: WIW)
Area of study	[WIW-IOE] Microeconomics
Reference course of study	[WIW-88.21-SG] M.Sc. Business Studies
Lifecycle-State	[NORM] Active

## Courses

Type/SWS	Course Number	Choice in Module-Part	SL	PL	CP	Sem.
3V	WIW-IOE-IIO-K-7	P	-	PL1	4.5	WiSe

- About [WIW-IOE-IIO-K-7]: Title: "Industrial Economics"; Presence-Time: 45 h; Self-Study: 90 h

## Examination achievement PL1

- Form of examination: **written exam (Klausur) (90 Min.)**

- Examination Frequency: Examination only within the course

Exam (90min.) or 24h Take-Home-Exam

## Evaluation of grades

The grade of the module examination is also the module grade.

### Contents

#### From [WIW-IOE-IIO-K-7] Industrial Economics:

Fundamental concepts of Industrial Economics and analysis of the strategic behavior of firms.

- Monopoly: one good, multiple goods, price discrimination
- Static oligopoly: price competition (Bertrand), quantity competition (Cournot), product differentiation (Hotelling and Salop), capacity constraints
- Dynamic oligopoly: collusion, market entry, varying demand, unobservable deviations

### Competencies / intended learning achievements

On successful completion of the module students are able to

- recommend possible actions to firms
- assess the strategic behavior of firms
- evaluate imperfect markets
- contrast diverse market environments

### Literature

#### From [WIW-IOE-IIO-K-7] Industrial Economics:

Literature:

- Belleflamme, P., Peitz, M. (2010): Industrial Organization. Markets and Strategies. Cambridge University Press. Cambridge.
- Tirole, J. (1988): The Theory of Industrial Organisation. The MIT Press. Cambridge.

### Materials

Further materials and literature

- Lecture documents

### Requirements for attendance of the module (informal)

A course in Microeconomics and Game Theory, analytic thinking.

### Requirements for attendance of the module (formal)

None

### References to Module / Module Number [WIW-IOE-IIO-M-7]

Course of Study	Section	Choice/Obligation
[SO-88A.646-SG] M.A. Integrative Social Science	[Specialisation] Politik, Wirtschaft, Ethik	[WP] Compulsory Elective
[SO-88A.646-SG] M.A. Integrative Social Science	[Section (non-specific)] M.A. Integrative Sozialwissenschaft (ab WS 20/21)	[WP] Compulsory Elective

Module-Pool	Name
[GS-CVT-BS-2022-E-MPOOL-6]	Catalog Electives Business Studies and Economics 2022
[WIW-EIE-MPOOL-7]	Field of Specialization: Environmental and Industrial Economics
[WIW-ET-MPOOL-7]	Field of Specialization: Economic Theory
[WIW-IOE-MPOOL-7]	Field of Specialization: Industrial Economics