

International Business Cases in IT (F710323)

Course size (nominal values; actual values may depend on programme)

Credits	3.0	Study time	90 h	Contact hrs	30.0 h
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Course offerings and teaching methods in academic year 2018-2019

A (semester 1)	English	group work	2.5 h
		lecture	20.0 h
		microteaching	7.5 h

Lecturers in academic year 2018-2019

Van Looy, Amy	EB24	lecturer-in-charge
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Offered in the following programmes in 2018-2019

	crdts	offering
Master of Science in Business Administration (main subject Commercial Management)	3	A
Master of Science in Business Engineering (main subject Data Analytics)	3	A
Master of Science in Business Engineering (main subject Finance)	3	A
Master of Science in Business Administration (main subject Finance and Risk Management)	3	A
Master of Science in Business Administration (main subject HRM and Organizational Management)	3	A
Master of Science in Business Administration (main subject Management and IT)	3	A
Master of Science in Business Engineering (main subject Operations Management)	3	A
Master of Science in Business Administration (main subject Taxation)	3	A
Exchange programme in Economics and Business Administration	3	A

Teaching languages

English

Keywords

- Digital innovation and new IT
- Data mining
- Business/ICT alignment
- Business continuity management
- Business process management
- Business process re-engineering
- IT outsourcing
- Change management
- Knowledge management
- IT governance
- Business intelligence
- Web analytics
- CRM
- IT balanced scorecard

Position of the course

This course presents recent and relevant IT business cases that demonstrate the practical implications of current market trends in the IT sector. By using real-life cases, practical examples and guest speakers from industry, we extend and elaborate on the (rather theoretical) subjects of the Master programme in Business Administration - Management & IT.

Contents

IT trends and new technologies are a new and rapidly developing domain. Consequently, this course will cover a selection of current topics relevant to contemporary organisations, which can change on a yearly basis.

Recent IT topics, such as:

- New IT (blockchain, AI, IoT, robotics)
- Smart or intelligent devices
- Servitization
- Business models for digital innovation
- Digital skills in changing job contents and education programs
- Advanced data analytics and online privacy
- Strategic decision-making on IT offshoring and nearshoring
- Agile software engineering
- IT policy making
- Etc.

Initial competences

- The students must meet the admission requirements of the program in which this course is situated.
- Basic knowledge of IT (information) management and informatics is strongly recommended.

Final competences

- 1 Estimate the ethical and scientific implications of IT decisions
- 2 Address a complex IT management problem in a clear and structured manner
- 3 Critically reflect on an IT business case
- 4 Follow recent developments in IT management (lifelong learning)

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, lecture, microteaching

Extra information on the teaching methods

It is required to attend the sessions.

Learning materials and price

Mandatory slides

References

Course content-related study coaching

Students have the opportunity to ask questions during the sessions, by e-mail, or during an individual appointment.

Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Written examination

Examination methods in case of periodic evaluation during the second examination period

Written examination

Examination methods in case of permanent evaluation

Participation, assignment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is not possible

Extra information on the examination methods

First examination period:

- Written exam
- Permanent evaluation:
 - 1 participation: the sessions are mandatory and an individual score will be assigned for the preparation of the lessons, active involvement and input during the sessions
 - 2 assignments in small groups, bundled in a single paper. A late group formation will

result in a reduced score, whereas a late paper submission will not be corrected.
Students who miss the permanent evaluation can still take part in the written exam.

Second examination period:

- Written exam
- Permanent evaluation: no retake possible. Instead, the score obtained in the first examination period will be transferred to the second examination period

Calculation of the examination mark

- Written exam: 50%
 - Permanent evaluation: 50%
- 1 Participation: 15%
 - 2 Assignment: 35%