

How to Study Information Systems

Information event for Master's students, October 13, 2026



School of Business, Economics and Information Systems

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WIWI PASSAU



Prof. Dr. Jan Krämer

Internet and Telecommunications Business

Academic advisor for the Master's program in IS
Chair of the Examination Board



Prof. Dr. Thomas Widjaja

Business Information Systems



Prof. Dr. Jin Gerlach

Data and Information Management

Academic advisor for the Master's
program in IS



Prof. Dr. Ulrich Gnewuch

*Explainable AI-based
Business Information Systems*

- » Study **at the forefront** of information systems research
- » We publish cutting-edge research **on the topics that we teach** (e.g., AI, digital platforms, blockchain, ...)*

 4 in Germany

 9 in Europe

* ISR + MISQ (2021-2025)
<https://www.aisresearchrankings.org/>

...and for our Teaching!

StudyCheck:
1 in Bavaria / # 6 in Germany

CHE Ranking:
Our M.Sc. Information Systems consistently ranks
in the top tier nation-wide

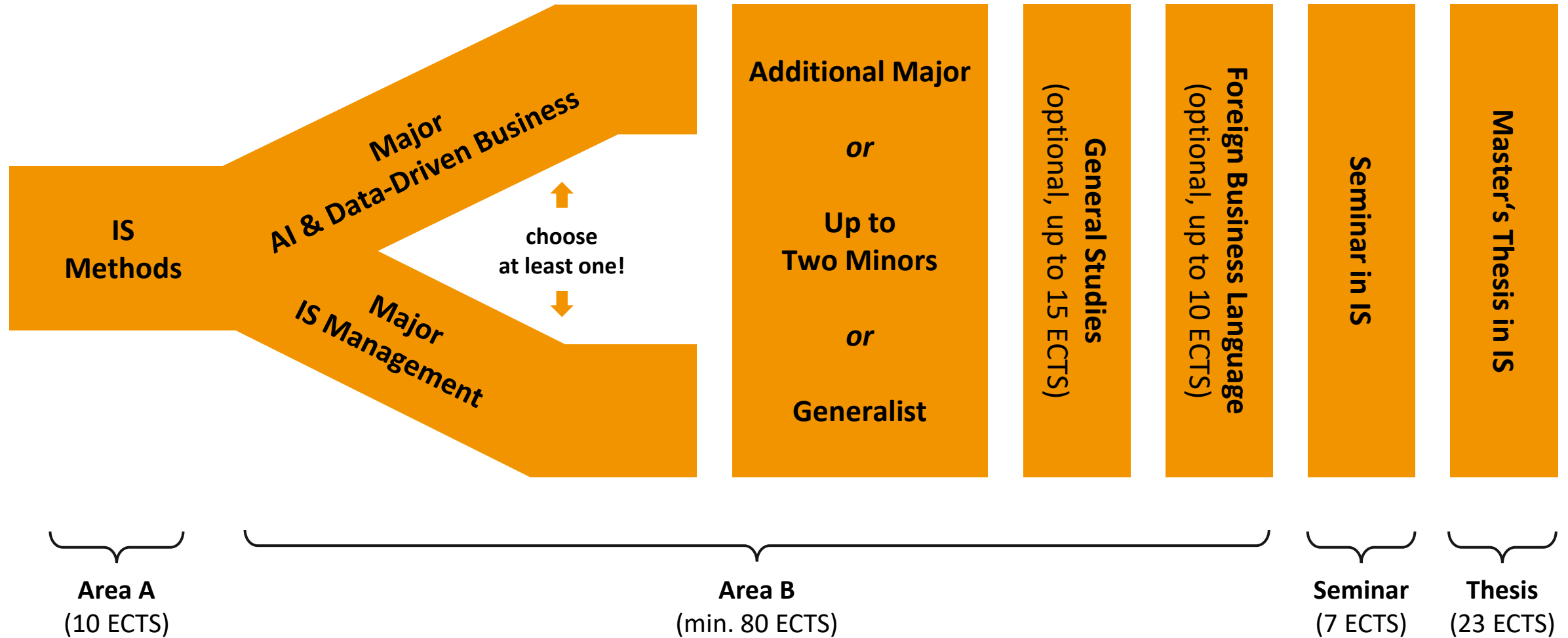


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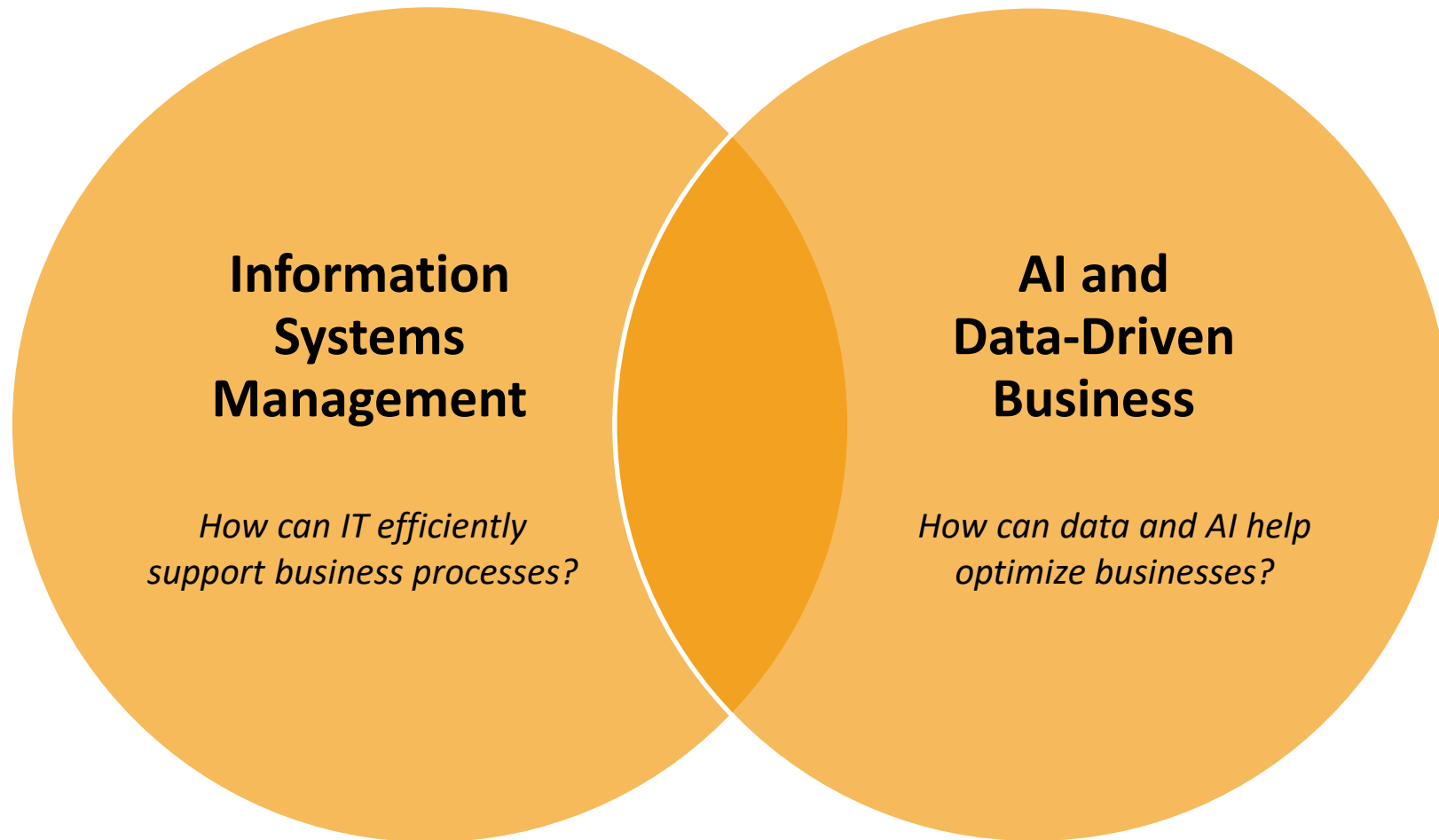
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M.Sc. Information Systems (2026): Structure



Choose from Two Majors (or Do Both)



When requesting your final degree documents, ask for your majors to be shown on your certificates!

In Each Major: Core and Extended Modules

Core Modules: AI and Data-Driven Business (complete at least 10 ECTS!)

AI-Based Business Information Systems	Prof. Gnewuch	Winter
Business Intelligence & Analytics Systems	Prof. Gnewuch	Summer
Digital Markets and Online Platforms	Prof. Krämer	Winter

Core Modules: IS Management (complete at least 10 ECTS!)

Management of Information Security and Privacy	Prof. Gerlach	Winter
Strategies in the Software Industry	Prof. Gerlach	New: Summer
IT Architecture Management	Prof. Widjaja	Summer
IT-Services und IT-Servicemanagement	Prof. Widjaja	Winter
Strategic IT Management	Prof. Widjaja	Winter

Extended area: additional modules from the fields of business, economics, law, computer science, and mathematics → find the latest list in the module catalog!

Each Major Can Be Complemented by Up to Two Minors

- **AI and Data-Driven Business**
- **Information Systems Management**
- **Business Taxation**
- **Economics**
- **Entrepreneurship**
- **Finance**
- **Marketing**
- **Reporting and Controlling**
- **Sustainability**



Option A: Major 1

(major modules, seminar, master thesis)

Things to complete	Credits
Courses from the “Major in Information Systems and Digital Business” list	(at least) 40 ECTS
Seminar in Information Systems	7 ECTS
Master Thesis in Information Systems (+ Colloquium)	23 ECTS

- » Up to 10 ECTS from “Data Science” can be integrated into any major
- » Current list of courses → module catalog!

Option B: Major 2

(major modules)

Things to complete	Credits
Courses from the “Major in Information Systems and Digital Business” list	40 ECTS

Option C: Minor

(minor modules)

Things to complete	Credits
Courses from the “Minor in Information Systems and Digital Business” list	(at least) 20 ECTS

M.Sc. Information Systems + M.Sc. Business Administration with Major 1 in IS and Digital Business

- » Mandatory seminar and master thesis must be from the IS group
- » IS group: Gerlach, Gnewuch, Krämer, Widjaja

Seminars:

- » Application deadline at the end of preceding semester!
- » Joint registration period (apply for only one seminar)

Master thesis:

- » At the end of the semester preceding the thesis
- » Joint registration period
- » Accompanied by mandatory colloquium at the chair supervising the thesis



Option to engage in “General Studies” as part of module area B

- » Up to 15 ECTS (not more!)
- » Intent: build your own profile and acquire interdisciplinary skills
- » Courses offered by our faculty (not listed in module area B) and other faculties
- » No ZKK courses or other courses in which Bachelor's students can also participate are possible

Procedure

- » Register via the campus portal
- » If course is not listed, send an email to Prof. Krämer explaining how the course contributes to your personal profile development (plan early!)
- » Clearly state course number and matriculation number in your request
- » We will inquire whether a participation in this course is possible
- » Then, register via the campus portal

Learn a foreign business language

- » Up to 10 ECTS (not more!)
- » View list of available languages on the website of the language center
- » For further information and potential placement tests, see the requirements on the website of the language center as well

<https://www.sprachenzentrum.uni-passau.de/en/>

Opportunity: Start during your undergraduate studies!

- » Completed at least 140 ECTS in your qualifying degree
- » All other entry requirements are fulfilled
- » Risk: automatic de-registration if conditions are not met
- » Additional details: General Study and Examination Regulation

<https://www.uni-passau.de/en/msc-infosys>



Earn credits abroad

- » If equivalence is ensured, we issue a learning agreement
- » Apply for a learning agreement well in time BEFORE your stay abroad!

Equivalence

- » Content and level
- » Number of contact hours
- » Written exam or combination of written and oral exam



Important

- » You must provide us with sufficient information so we can evaluate equivalence
- » Process and additional information: <https://www.winfo.uni-passau.de/en/studies/learning-agreements>

Gain two degrees from two renowned universities

- » Additional degree from the University of Turku (Finland)
- » Find more information: [here](#)
- » Podcast episode on the double master program: [here](#)



Why Finland?

- » Next to Singapore, world leader in harnessing IT
- » Most digital EU country
- » One of the world's most dynamic economies
- » Happiest country in the world



DPE Digital Platform Ecosystems *DFG-Graduiertenkolleg 2720*

Digital platform-based value creation and its implications for data exchange, organization and socio-economic development

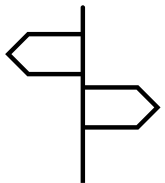
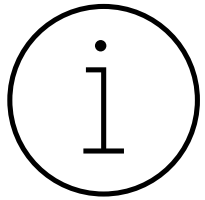
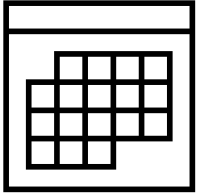


Funded by

DFG Deutsche
Forschungsgemeinschaft
German Research Foundation

DFG Research Training Group “Digital Platform Ecosystems”

- » Individually tailored doctoral program at the highest international level
- » More than 20 young researchers and professors
- » International visiting scholars



Information on courses during
this winter semester

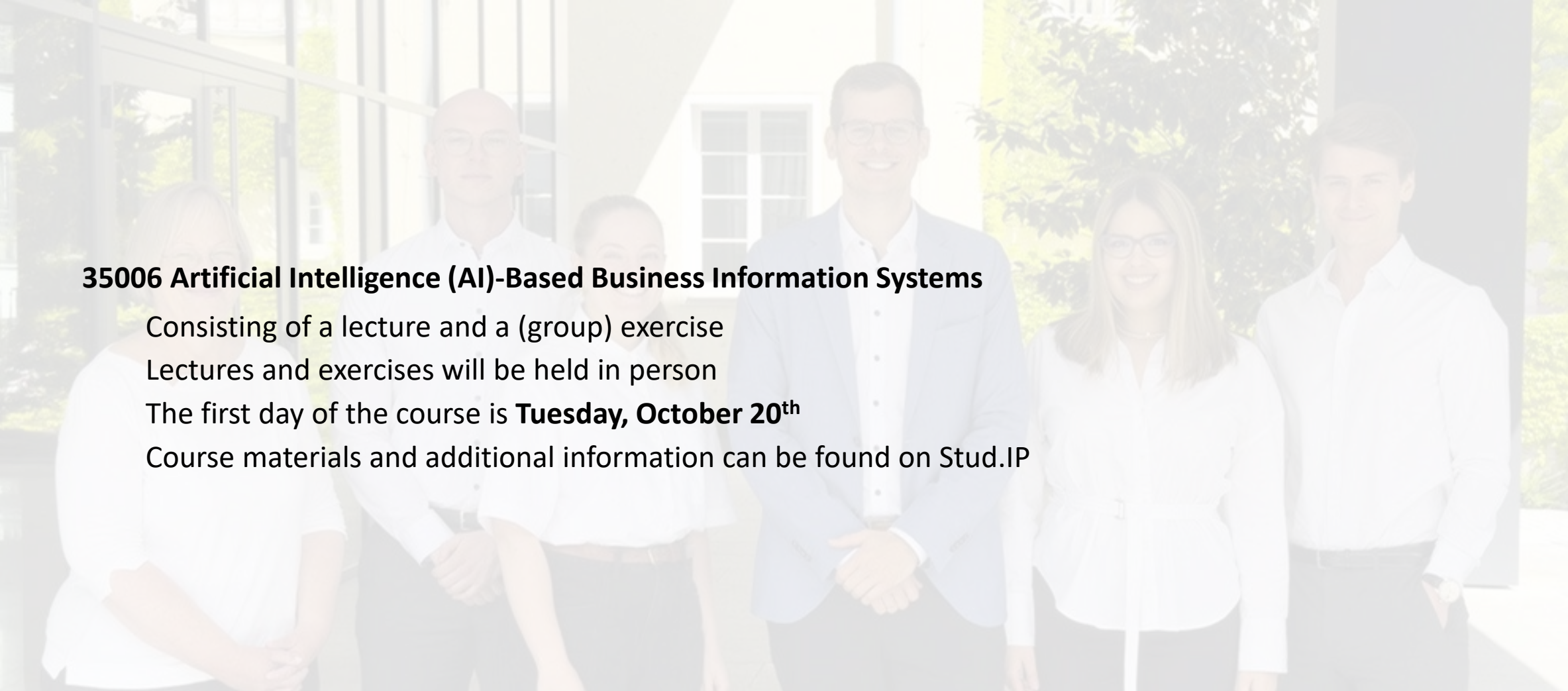
39807 Management of Information Security and Privacy

Winter semester 2026/2027

Consisting of a lecture and an exercise held in person

Guest lectures from practitioners

Lecture starts on **Thursday, October 15th**, exercise starts on **Wednesday, October 21st**



35006 Artificial Intelligence (AI)-Based Business Information Systems

Consisting of a lecture and a (group) exercise

Lectures and exercises will be held in person

The first day of the course is **Tuesday, October 20th**

Course materials and additional information can be found on Stud.IP

37500/37501 Strategic IT Management

- ✓ Lectures and tutorials will be held in person in HK 12, SR 001
- ✓ Lectures will begin on 13 October 2026 and take place every Tuesday from 2.15 pm to 3.45 pm
- ✓ Tutorials will begin on 26 October 2026 and take place every Monday from 10.15 am to 11.45 am
- ✓ The course includes a guest lecture by 4process AG

39612 Digital Markets and Online Platforms

Consisting of a lecture and an exercise

Lectures (Tuesdays 10-12, PHIL HS 4) and exercises (Wednesdays 12-14, WIWI HS 7) will be held in person

The first day of the course is **Tuesday, October 13th**

Course materials and additional information can be found on Stud.IP

Repeat exercises and repeat exam in the summer term

39614 Governance of Platforms and Ecosystems (Summer term)

Is no longer offered



Program Website

<https://www.uni-passau.de/en/msc-infosys>



Study Program

[Detailed Infosheet \(PDF\)](#)



Information Systems Group

<https://www.winfo.uni-passau.de>



Answers to many questions (continuously updated):

FAQ Master's programme start in 2025 or earlier:

<https://www.winfo.uni-passau.de/en/studies/faq-masters-programme>

FAQ Master's programme start from 2026 onwards:

<https://www.winfo.uni-passau.de/en/studies/faq-masters-programme-1>

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Important dates, new developments, changes affecting the Information Systems department, in particular lectures and courses, job vacancies, and more...

<https://lists.zim.uni-passau.de/mailman/listinfo/wininfo>

Sign up here:



Discuss with other information systems students, ask questions, and more...

Earn some money having fun!

- » Economic experiments conducted by members of our school
- » Duration: 30-60 minutes
- » Pay: above average hourly wage, depends on experimental behavior

How it works

- » Sign up to our database
- » Receive invitations
- » Sign up for a specific study
- » Participate!

Sign up here: <https://paula.wiwi.uni-passau.de/orsee/public/index.php>



See You Soon!



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