



**WELCOME to
Bamberg and our
University**





Dean of Studies
Prof. Dr. Daniel Beimborn



You are here:

Europe

Germany

Bavaria

Bamberg





Humanities



Human Sciences
and Education



1647



1971



~9,000



Social Sciences,
Economics, & Business
Administration



Information Systems
and Applied Computer
Science



**WIAI - Information Systems and
Applied Computer Science**

WIAI: Three Subject Groups (Fachgruppen)

Informatik

- Algorithmen und Komplexitätstheorie
-
- Data Engineering
-
- Distributed Systems
-
- Experimentelle Softwaretechnik
-
- Grundlagen der Informatik
-
- Mobile Software Systeme/Mobilität
-
- Privatsphäre und Sicherheit in Informationssystemen
-
- Rechnernetze
-
- Softwaretechnik und Programmiersprachen
-
- Systemnahe Programmierung

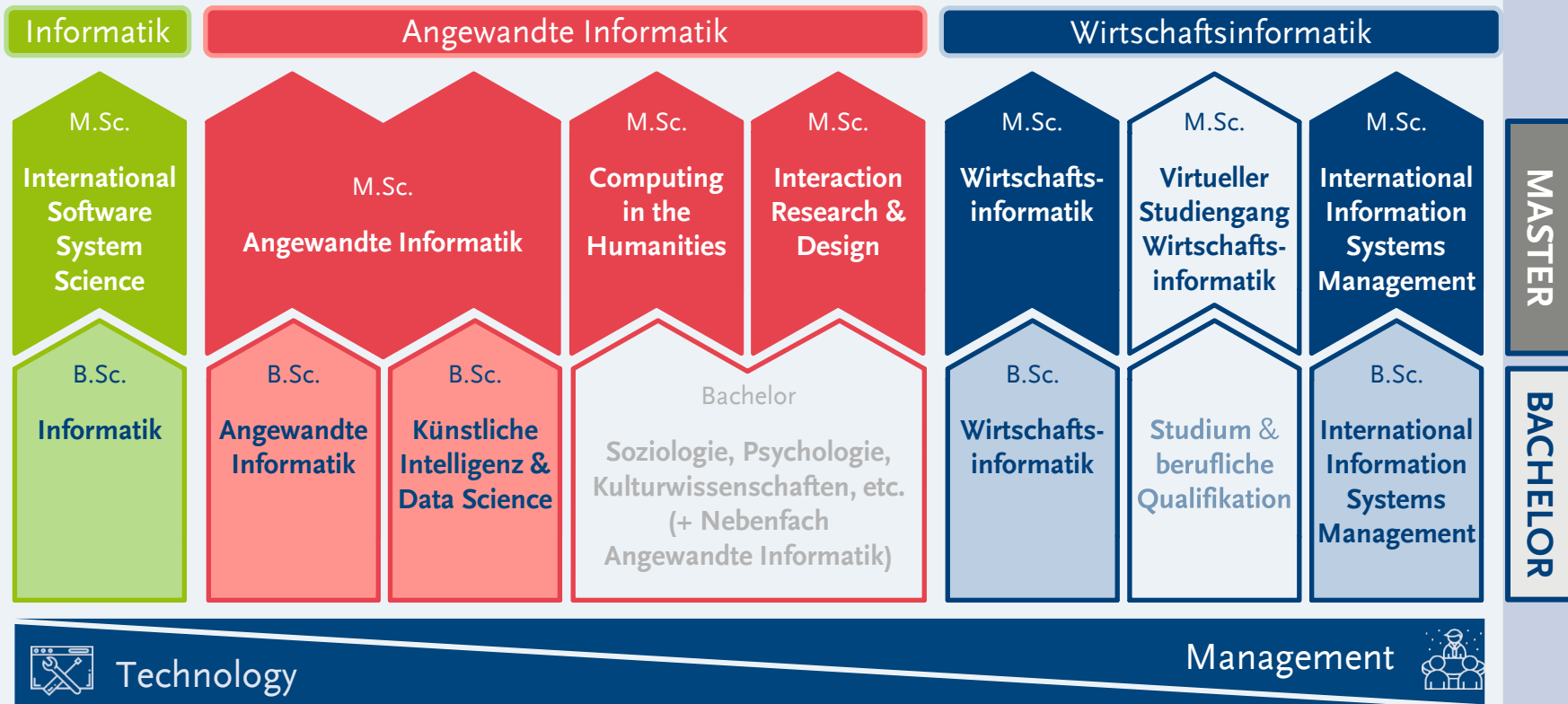
Angewandte Informatik

- Computergraphik & ihre Grundlagen
-
- Informationsvisualisierung
-
- Medieninformatik
-
- Mensch-Computer-Interaktion
-
- User Experience & Design
-
- Erklärbares Maschinelles Lernen
-
- KI-Systementwicklung
-
- Kognitive Systeme
-
- Multimodal Intelligent Interaction
-
- Natural Language Processing
-
- Sprachgenerierung & Dialogsys.
-
- Computational Humanities
-
- Kulturinformatik

Wirtschaftsinformatik

- Digitale Plattformen und Plattformökonomien
-
- Digital Work
-
- Energieeffiziente Systeme
-
- Health and Society in Digital Age
-
- Industrielle Informationssysteme
-
- Informationssysteme in Dienstleistungsbereichen
-
- Informationssystemmanagement
-
- KI-Engineering in Unternehmen
-
- Soziale Netzwerke
-
- Games & Gamification
-
- Computational Social Sciences & KI

5+7 Study Programs (Studiengänge)



Studying at a (German) University



**Research-Oriented
Teaching and Learning**



**Talk to
other
students
and to
us!**

Individual Responsibility

University is different!

(compared to learning @school)



More choices

Avoid to get lost!

More self-studies

25% attendance vs. 75% self-studies

More active cooperation

Work together in teams!

More input in less time

Self-studies and reflection is key!

Teaching Concepts

- **Knowledge and competences**

They will be gathered via lectures, exercises, tutorials, projects, seminars, self-learning, ...

- **Typical in engineering and natural sciences:**

Problem-solving, designing & implementing digital solutions in individual and team projects

- **Typical in management science:**

Case-based teaching → reading papers required

- **Weekly home-work (assignments, readings)**

Major part of the teaching concept

- **Application of scientific methods**

Will be learned in seminars and bachelor/master theses

*Essential for Succeeding:
Continuous Learning!*

You have to find a way to **self-organize**
and motivate yourself, no matter
whether on campus or at home!

A vertical image on the left side of the slide showing concentric ripples in dark blue water, created by small stones. The stones are visible at the bottom and top of the frame.

Some advice

Have a **regular weekly schedule!**

Do tasks & assignments on time, don't procrastinate

Meet **other students** frequently!

Help each other and reflect together

Communicate with us!

Use consultation options & let us know what you need
or tell the Student Council (Fachschaft)!

Your Contact Points

- **Dean of Studies** (Prof. Dr. Daniel Beimborn - Studiendekan)
responsible for studies in general
- **Examining Board** (Prof Dr. Stefan Ultes, Prof. Dr. Thomas Kude, Ines Häuser, Tim Kipphan - Prüfungsausschuss)
formal aspects of studies, cross-crediting (Anerkennung)
- **Subject Advisor** (Fachstudienberater/-in)
contact point for specific program-related questions (typically a teaching staff member)
- **Student Council** (Fachschaft)
represents all students; contact point for any issue that you want to discuss with another student

Your Contact Points

- **International Coordinator** (Prof. Michael Mender, Auslandsbeauftragter)
for incoming and outgoing students
- **Contact points for students with disabilities** (Sabina Haselbek & Dr. Sarah Böhlau, Kontaktstelle Studium und Behinderung)
- **Central Student Advisory Service** (Zentrale Studienberatung)
for overall questions or when you want to change your degree program

We hope and wish that you...

... find fascination and passion for your studies!

Fun is a key factor of success!

... make use of the many chances and opportunities you'll encounter!

Work/studies & life; going abroad; student communities

... develop a scientific mindset!

Question everything; use several sources of knowledge



@informatik_unibamberg



<https://www.uni-bamberg.de/wiai/>



@fachschaftwiai



Fakultät WIAI



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