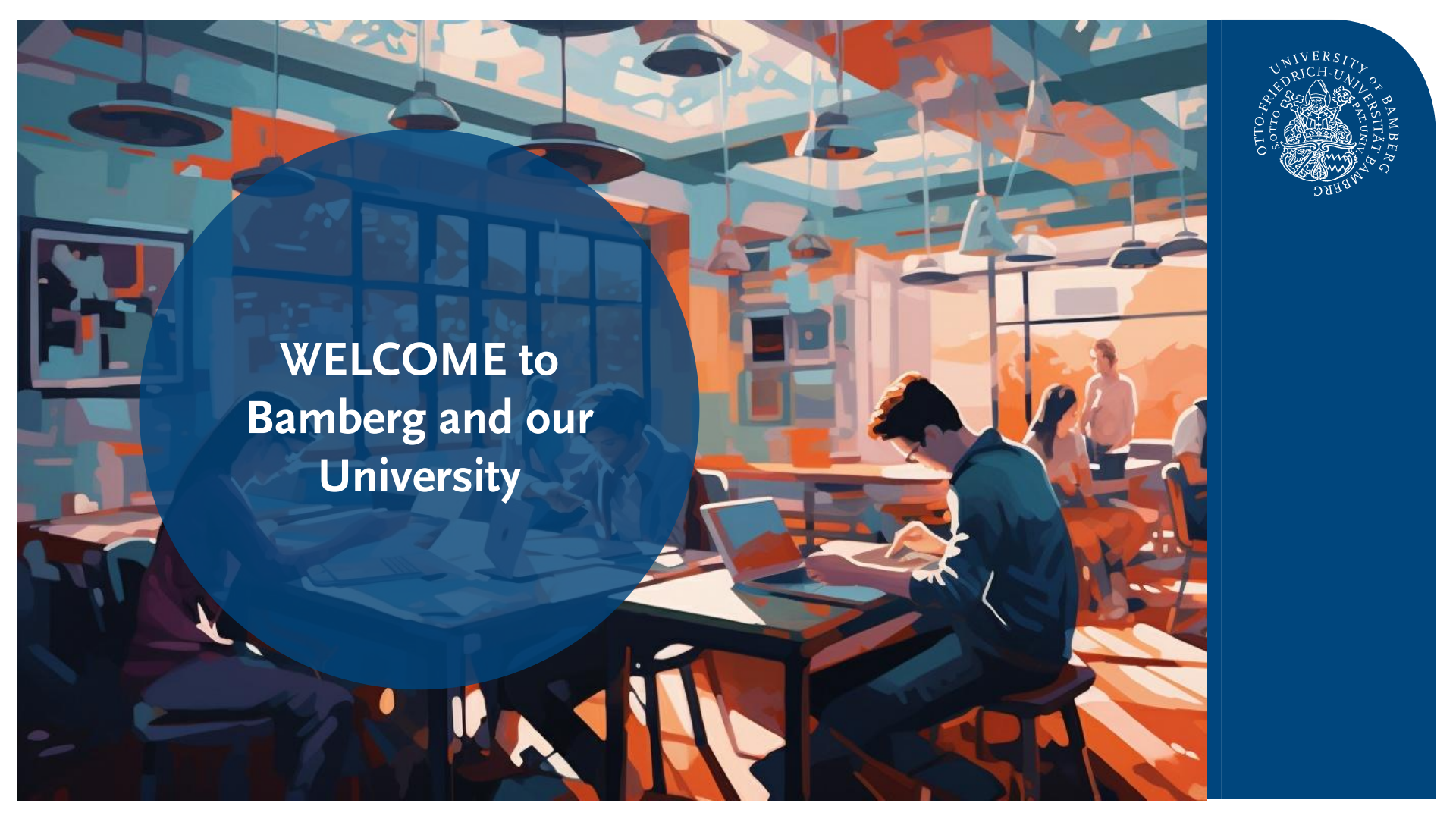


A stylized, high-contrast illustration of a modern university interior. The scene is filled with students working at tables, some using laptops. The lighting is warm and orange, with large windows in the background. A large blue circle is overlaid on the left side of the image, containing the text 'WELCOME to Bamberg and our University'.

**WELCOME to
Bamberg and our
University**





Dean of Studies
Prof. Dr. Daniel Beimborn





Dean of the Faculty WIAI
Prof. Dr. Dominik Herrmann



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
•
Verteilte Systeme
•
Experimentelle Softwaretechnik
•
Grundlagen der Informatik
•
Mobile Software Systeme/Mobilität
•
Privatsphäre und Sicherheit in Informationssystemen
•
Rechnernetze
•
Softwaretechnik und Programmiersprachen
•
Systemnahe Programmierung

Angewandte Informatik

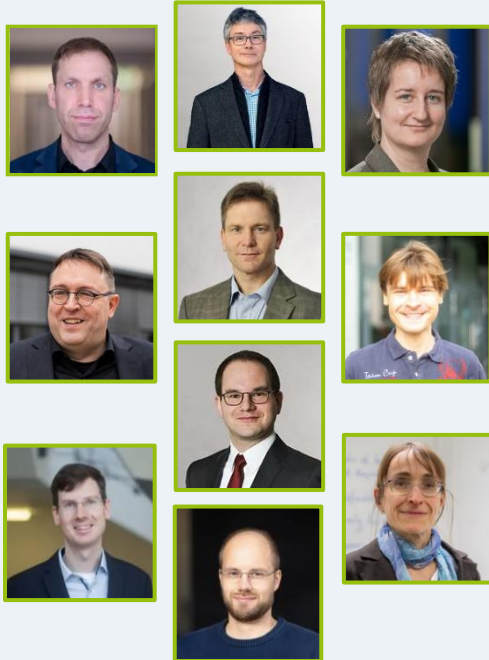
Computergraphik & ihre Grundlagen
•
Informationsvisualisierung
•
Medieninformatik
•
Mensch-Computer-Interaktion
•
User Experience & Design
•
Erklärbares Maschinelles Lernen
•
KI-Systementwicklung
•
Kognitive Systeme
•
Multimodal Intelligent Interaction
•
Natural Language Processing
•
Sprachgenerierung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

Wirtschaftsinformatik

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

WIAI: Three Subject Groups (Fachgruppen)

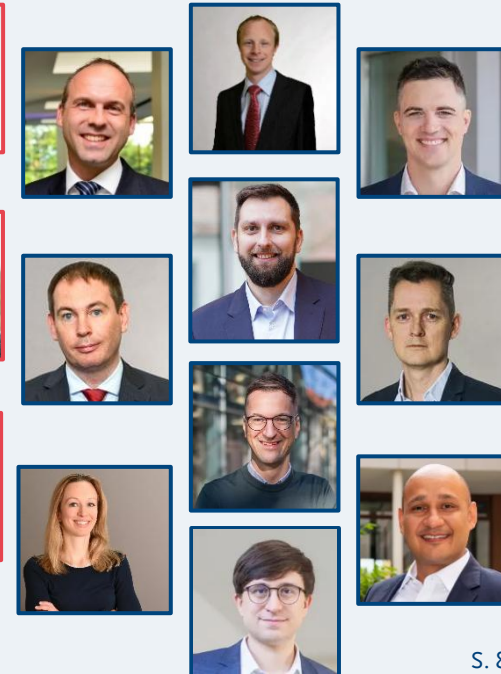
Computer Science



Applied Computer Sciences



Information Systems



A photograph of a modern university building with white and grey facades and large windows, set against a blue sky with clouds. In the foreground, there are green plants and purple flowers.

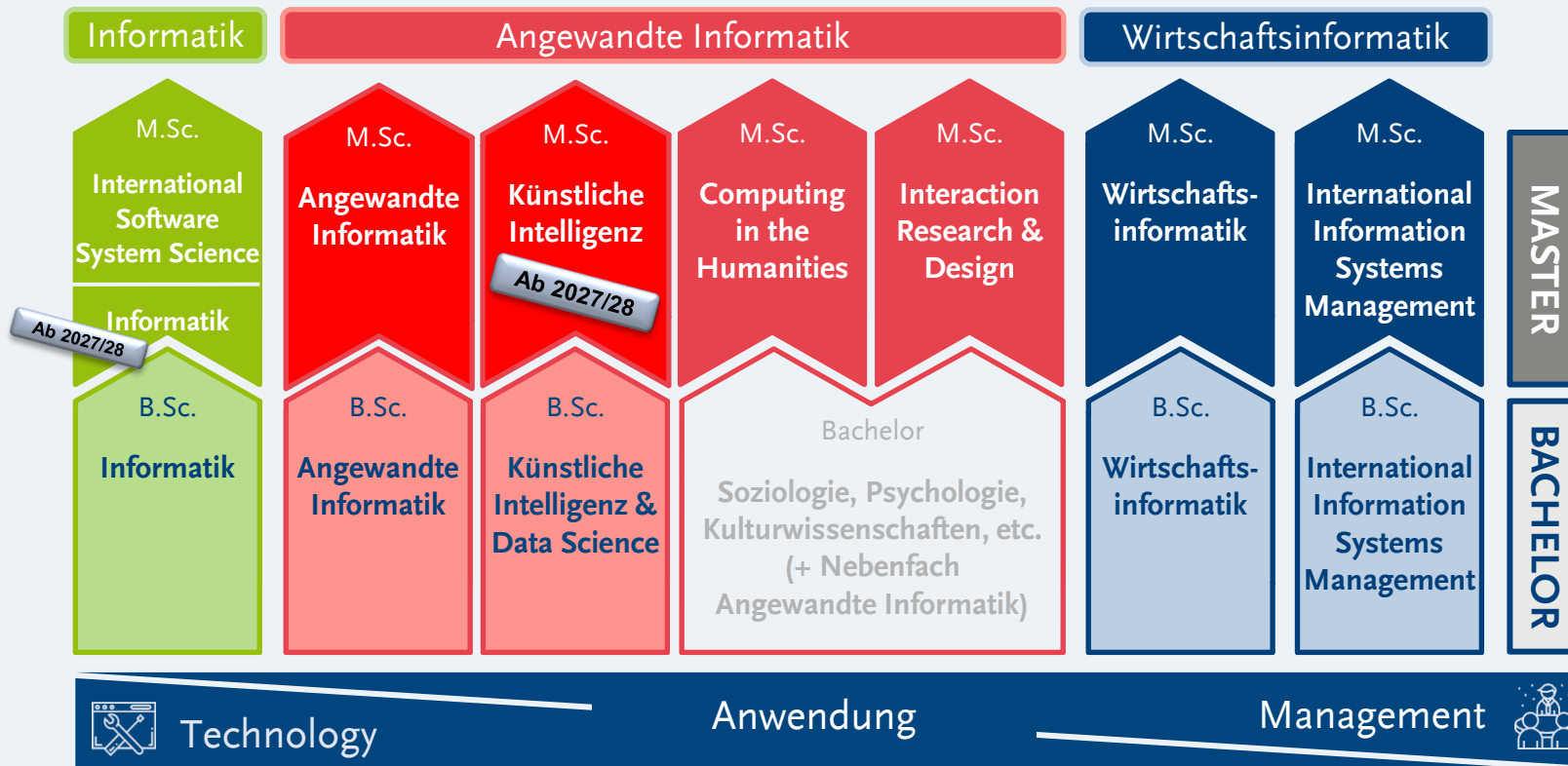
Information Systems & Applied Computer Sciences

Understand complex structures

Be part of a fast-moving field

You can change the world!

5+7 Pre-Experience Study Programs



Code of Conduct WIAI

How we work and treat each other at WIAI

Respect

We treat each other
with respect.
We don't tolerate
discrimination and
respectless behavior.

Integrity

Honest work,
no cheating.

AI tools only as your
lecturer specifies.

Code of Conduct WIAI – Some Examples

- Students interact respectfully in and outside class
- Students support other students and contribute to university life
- Students take responsibility for continuous, independent work according to the ECTS workload (30 hours per ECTS point)
- Students attend classes on time and refrain from disruptions
- Students commit to completing preparatory and follow-up activities related to a class/course/seminar
- Students provide feedback on how to improve teaching and learning
- We treat all facilities and equipment with care and protect them from damage and careless use



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 at 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!

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

Teaching Concepts

- **Knowledge and competences**

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

- **Typical in Computer Science:**

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

- **Typical in Management Science (e.g., WInfo, IISM):**

Case-based teaching → reading papers required

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

A major part of the teaching concept

- **Application of scientific methods**

Will be learned in seminars and bachelor/master theses

*Essential for Succeeding:
Continuous Learning!*

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

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



@unibamberg