Information Systems @ University of Passau
In Bavaria and at the Heart of Europe

- Located in Bavaria, in between the major metropolitan centres of Prague, Munich and Vienna

- Passau is widely considered one of the loveliest cities in Germany with its historic Old Town situated between three rivers
Bavaria – Germany’s High Technology State

- Economically and politically stable – a leader in business and innovation and a safe place to live
- Bavaria is home to a number of world famous companies and sports teams
- Excellent infrastructure
- High quality of life
University of Passau – Impressions from the Campus
The University of Passau at a Glance

- **Opened** in 1978
- **Faculties:**
  - Law
  - Business Administration and Economics
  - Arts and Humanities
  - Computer Science and Mathematics
- **12,024 students and doctoral researchers**
  - 11,728 students currently enrolled in
    - Bachelor’s programmes: 5,448
    - Master’s programmes: 1,528
    - Teacher training programmes: 2,361
    - Law long-cycle programme: 2,391
  - 296 doctoral researchers
- **Staff:**
  - 122 professors
  - 1,619 (total staff figure)
Excellence in Research and Teaching

- The University of Passau has developed into a prime address in German academia

- The University regularly attains top positions in academic rankings in:
  - Law
  - Business Administration and Economics
  - Computer Science
  - Communication Studies
  - Political Science
  - Cultural Studies
**International Focus of the University**

- **Excellent student experience for international students**: 3rd best in the world (International Student Barometer 2011)

- **German Courses Passau**:
  - Summer Courses
  - Academic German Semester
  - Academic German Year
  - Subject-specific German language courses
Faculty of Business Administration & Economics

- 21 professors; about 2,000 students
- First-rate research output, an entrepreneurial focus, and an excellent reputation among HR managers
- Degree programs offered:
  - B.Sc. Business Administration and Economics (also possible with major in IS)
  - B.Sc. Information Systems
  - M.Sc. Business Administration
  - M.A. International Economics and Business
  - M.Sc. Information Systems
### Our Students

**Number of students enrolled** (figures for winter semester 2014/15)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Sc. Business Administration and Economics</td>
<td>1,344</td>
</tr>
<tr>
<td>B.Sc. Information Systems</td>
<td>190</td>
</tr>
<tr>
<td>M.Sc. Business Administration</td>
<td>401</td>
</tr>
<tr>
<td>M.A. International Economics and Business</td>
<td>51</td>
</tr>
<tr>
<td>M.Sc. Information Systems</td>
<td>33</td>
</tr>
<tr>
<td>Teacher training programmes (primary &amp; secondary)</td>
<td>407</td>
</tr>
</tbody>
</table>

+ a total of 89 doctoral candidates
  (mainly staff at junior researcher level)

<table>
<thead>
<tr>
<th>Applicants</th>
<th>Available Places</th>
</tr>
</thead>
<tbody>
<tr>
<td>3088</td>
<td>679</td>
</tr>
</tbody>
</table>

**Ø 4.55 applicants per place**

Winter semester 2014/15
Information Systems Department at a Glance

Prof. Dr. Thomas Widjaja
Business Information Systems

Prof. Dr. Franz Lehner
Information - and IT Service Management

Prof. Dr. Michael Scholz
E-Commerce

Prof. Dr. Jan Krämer
Internet and Telecommunications Business

Prof. Dr. Hans Ziegler
Production and Logistics

• 4 chairs, 1 assistant professor, 1 honorary professor, 1 permanent senior lecturer
• More than 20 IS researchers
• Published in International Top Journals (e.g., ISR, JSIS, EJOR, OR Spectrum, Journal of Retailing)
IS/IT-Management
- IT & Data Management in SMEs
- Cloud Computing (Cloud Ecosystem, Cloud Business Models)

Knowledge Management
- KM Classification Schema
- Measurement of KM Success

Mobile Applications and Media Technologies
- Mobile Application Development Frameworks, Mobile Apps for Museums & Tourism
- SIVA Suite - Interactive Video Application

Research Methods
Design Science, Empirical Studies (qualitative and quantitative), Case Studies
Management of IT Architectures
- Conceptualization and quantification of IT complexity
- Design of IT architectures

Data-Driven Business Models & Privacy
- Monetization of user-data (user as well as provider perspective)
- Development of privacy-friendly data-driven business models

Strategies for software providers
- Management of IT security in the context of cloud computing
- Design of software ecosystems

Research Methods
Survey, Structural Equation Modeling, Linear Optimization, Design Science
Strategies & Consumer Behavior in Internet Markets & Digital Ecosystems
- Consumer behavior in ecommerce (electronic auctions)
- Pricing & competition of digital services

Regulation of Internet and Telecom Markets
- Net Neutrality, Data Neutrality
- Access to bottleneck resources (infrastructure, data)

Economics of data sharing
- Voluntary data sharing (e.g., social logins)
- Data aggregators and data marketplaces (open data)

Research Methods
Game-theoretic modeling, laboratory and field experiments, survey, simulation (ACE)