The system of higher education and science in Bavaria

Mission, expertise and services of BAYHOST

Ukrainian-Bavarian Higher Education Day





Agenda

- 1. Facts about Bavaria
- 2. The system of higher education in Bavaria
- 3. BAYHOST: Mission, Expertise, Services





Bavaria

Location: in the heart of the European Economic Area

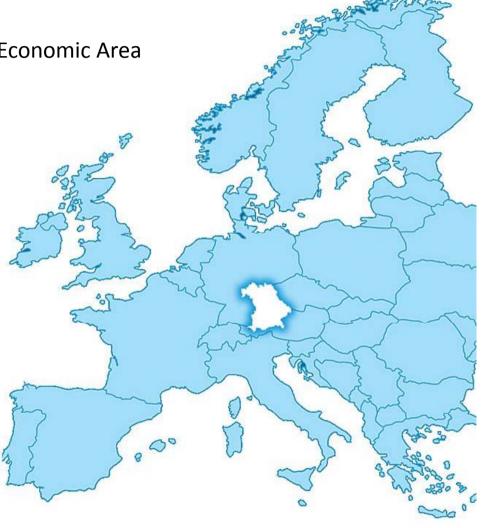
Area: ≈ 70 000 km²

(Switzerland: 41 000 km²)

Population: 12.9 million (Germany 82.6 million)

GDP 2017 (\$ | billion): 694 (Germany 3827; Russia 1527)

Bavarian budget for science, research and the arts: ≈ \$ 7.8 billion







Bavarian companies

7 out of 30 German DAX Companies are based in Bavaria:

















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HEIs in Bavaria

11 (research) Universities

9 of them state funded

→ focus on research and academic training

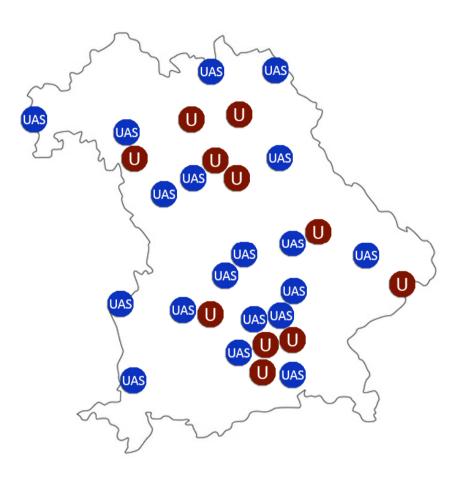
19 Universities of Applied Sciences

17 of them state funded

→ application-oriented teaching and research

6 Universities of Arts

→ higher education in fields such as fine arts, music, film or theatre







Research



- Excellent research at the universities is integrated into higher education.
- Researchers of different HEIs and their non-university partners cooperate in interdisciplinary Research Associations dedicated to selected topics of highest relevance for the future.
- Regular publications in highly ranked journals.
- Doctoral degrees can be completed:
 - via the individual doctoral supervision scheme
 - via structured (international) doctoral programs
 - working as a research associate at the chair of the supervising professor
 - within a joint project of a university and a university of applied sciences or a company





Education



- Tuition is free of charge.
- Institutes of higher education (HEIs) act as autonomous entities (e.g. curricula, exams, appointment of professors).
- ❖ Courses are regularly evaluated by students to ensure continuous quality improvement → Positive results indicate a high level of student satisfaction.
- Most foreign degrees are recognized.
- Most study programs adopt the Bologna structure:
 - 3-year Bachelor program
 - 2-year Master program





Knowledge and Technology Transfer



- Applied research and development are conducted in close cooperation with businesses, schools, hospitals, museums, state archives and other organizations.
- Specialized university departments provide consulting for young entrepreneurs. This results in lively start-up scenes at the HEIs.
- High share of third-party funding (e.g. research foundations, state funding, EU, business).
- The Bavarian Research and Innovation Agency offers integrated counseling and support for HEIs, companie and their international partners on funding programs of the EU, the Federal Republic of Germany and the Free State of Bavaria.







Initiatives towards Excellence



Bavarian network of high potentials covering all academic levels from bachelor students to postdoc researchers.

... offers best support possible to exceptionally talented students and young researchers at Bavarian universities through enhanced training and mentoring.

... includes elite graduate programs, international doctorate programs and international junior research groups.

Excellent research at Bavarian universities:

- 2 Future Concepts
- 6 Clusters of Excellence
- 9 Graduate Schools

benefit from federal and state funding by the **German Excellence Initiative**





International exchange

Exchange in research and teaching

- Bavarian State Funding Program for International Projects
- International PhD programs
- Large number of bachelor and master programs taught in English

12% of all university students in Bavaria come from abroad (2,8% of them are from Ukraine)



Academic cooperation between Bayaria and Ukraine

- 48 agreements of cooperation between different institutes of higher education
- Bilateral projects in different disciplines: students' exchange, joint seminars and certificate programs, summer schools, research
- Ukrainian Language, Literature and Culture programs at 4 Bavarian universities





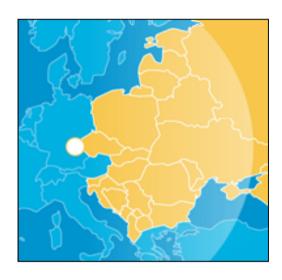
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BAYHOST...



... **promotes** academic exchange between Bavaria and countries in Central, Eastern, and Southeastern Europe.

... is an institution of all Bavarian universities (11), universities of applied sciences (19) and art academies (6).

... supports Bavarian universities and universities of applied science by enhancing their collaboration with academic organizations in CEE countries and by establishing new partnerships.





BAYHOST: Mission

Initiating academic partnerships

- BAYHOST supports research cooperation.
- BAYHOST facilitates the exchange of guest lecturers, and researchers.
- BAYHOST assists with recruiting highly qualified academics for exchange programs.

Building and maintaining a network

❖ BAYHOST consists of a network of scientists and researchers from academic institutions throughout Bavaria and CEE countries thus providing opportunities for academic exchange and cooperation.

Providing expertise in languages and intercultural affairs

❖ BAYHOST is the Bavarian contact point for intercultural expertise about CEE countries.





BAYHOST: Selected services

Supporting academic exchange

- BAYHOST supplies information over projects, collaborations and expertise from Bavarian universities and universities of applied science with the CEE countries.
- **BAYHOST** uses its database to contact potential cooperation partners.
- Organizing exchange forums for researchers and academic faculty

Supporting student and graduate mobility to/from Bavaria and the CEE countries

- Scholarship programs
- Assistance in finding internship opportunities in a range of fields.
- Specifically: One year scholarships for Ukrainian graduates and mobility grants for young researchers (to Ukraine and from Ukraine; 2013-18: 53 projects)





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