The University of Tübingen in the German Government Excellence Initiative 2012

Successful proposals in the:

1st funding line – Graduate School
Graduate School on Learning, Educational Achievement, and Life Course Development (LEAD)

2nd funding line – Excellence Cluster
Werner Reichardt Center for Integrative Neuroscience (CIN)

3rd funding line – Institutional Strategy
“Research – Relevance – Responsibility”

Status: University of Excellence
Nobel Laureates with links to the University of Tübingen

<table>
<thead>
<tr>
<th>Year</th>
<th>Field</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>Medicine</td>
<td>Günter Blobel</td>
</tr>
<tr>
<td>1995</td>
<td>Medicine</td>
<td>Christiane Nüsslein-Volhard</td>
</tr>
<tr>
<td>1988</td>
<td>Chemistry</td>
<td>Hartmut Michel</td>
</tr>
<tr>
<td>1979</td>
<td>Chemistry</td>
<td>Georg Wittig</td>
</tr>
<tr>
<td>1939</td>
<td>Chemistry</td>
<td>Adolf Butenandt</td>
</tr>
<tr>
<td>1909</td>
<td>Physics</td>
<td>Ferdinand Braun</td>
</tr>
<tr>
<td>1907</td>
<td>Chemistry</td>
<td>Eduard Buchner</td>
</tr>
<tr>
<td>1904</td>
<td>Chemistry</td>
<td>William Ramsey</td>
</tr>
</tbody>
</table>
Facts and figures

• **approx. 28,500 students in total (winter semester 2014-15)**
  - 11,066 in Bachelor’s programs
  - 3,243 in Master’s programs (18.9 % international)
  - 2,010 matriculated doctoral candidates (32.4 % international)

• **approx. 6,600 employees (excluding hospitals)**
  - including 4,400 academic staff and 450 professors

• **750 doctorates conferred annually / 60 habilitations annually**

• **Budget: € 508 m, including € 166 m third-party funding**
Tübingen – At the heart of Europe
University of Tübingen
Top facilities – Outstanding research infrastructure

Neuroscience Campus

Max Planck Campus Tübingen

Center for Plant Molecular Biology (ZMBP)

Photo: Dr. Bertram Schädle

Photo: Dr. Bertram Schädle

Photo: Wolfram Scheible
Collaborative research centers (SFBs)

- Molecular Coding of Specificity in Plant Processes
- ResourceCultures: Socio-cultural Dynamics in the Treatment of Resources
- Threatened Orders
- Construction of Meaning: The Dynamics and Adaptivity of Linguistic Structures
- The Bacterial Cell Envelope: Structure, Function, and Infection Interface
- Immunotherapy: Molecular Basis and Clinical Application
Transregional collaborative research centers (SFB-TRRs)

... coordinated by Tübingen

- Plasticity and Sleep

... with Tübingen participation

- The Skin as a Sensor and Effector Organ Orchestrating Local and Systemic Immune Responses

- Biological Design and Integrative Structures Analysis, Simulation and Implementation in Architecture

- Pathophysiology of Staphylococci in the Post-genomic Era

- Control of Quantum Correlations in Tailored Matter
Research training groups (GRKs)

- Spectral Theory and the Dynamics of Quantum Systems
- Integrated Hydrosystem Modelling (international)
- Ambiguity – Production and Reception
- Molecular Principles of Bacterial Survival Strategies
- Religious Knowledge in Pre-modern Europe (800-1800)
- The PI3K Pathway in Tumor Growth and Diabetes
## Core research

<table>
<thead>
<tr>
<th>Integrative Neuroscience</th>
<th>Astrophysics and Elementary Particle Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Imaging</td>
<td>Quantum Physics and Nanotechnology</td>
</tr>
<tr>
<td>Translational Immunology and Cancer Research</td>
<td>Archeology and Prehistory</td>
</tr>
<tr>
<td>Microbiology and Infection Research</td>
<td>History</td>
</tr>
<tr>
<td>Biochemistry and Pharmaceuticals</td>
<td>Religion and Culture</td>
</tr>
<tr>
<td>Plant Molecular Biology</td>
<td>Language and Cognition</td>
</tr>
<tr>
<td>Geoscience and Environmental Science</td>
<td>Media and Education</td>
</tr>
</tbody>
</table>
International collaboration

More than 150 university partnerships and around 80 faculty partnerships with institutions of higher education in 62 countries.

North America
159 exchanges with Canada and the United States

Latin America
37 exchanges with Argentina, Brazil, Chile, Colombia, Ecuador, Mexico, Peru, and Venezuela

Africa
17 exchanges with Botswana, Egypt, Senegal, South Africa, Togo, and Uganda

Europe
457 partners in nearly all European countries

Asia
133 exchanges in various countries, particularly China, India, Japan, Korea, Thailand, and Taiwan

Oceania
28 exchanges with Australia and New Zealand
Selected international partnerships

- Matariki Network
  The Matariki Network links the following institutions under the motto “partnering for a better world”:
  - Dartmouth University (Hanover, New Hampshire, USA)
  - Durham University (Durham, UK)
  - Queen's University (Kingston, Canada)
  - University of Otago (Dunedin, New Zealand)
  - University of Western Australia (Perth, Australia)
  - Uppsala University (Uppsala, Sweden)

- University of Tübingen branches in Kyoto, Beijing, and Seoul
- RIKEN institute, Japan
- Chinese Academy of Sciences, Beijing, China
- Indian Institute of Technology, Mumbai, India
Studying in Tübingen

• **Comprehensive research university** with unique traditions in the Humanities and Social Sciences, in Science and in Medicine

• **More than 280 study programs** in 130 subjects

• **Innovative teaching programs** addressing current issues in research: Medical Technologies, Molecular Medicine, Environmental Science, Geoecology, Nanoscience, Media Informatics, Sports Management, Islamic Theology

• **International study programs**
  e.g., Neuroscience and Behavioral Science (M. Sc.), Applied & Environmental Geoscience (M. Sc.), Computerlinguistik, International Business Administration (B. Sc.), Management and Economics (M. Sc.)
University structure

The President’s Office

- Faculty of Protestant Theology
- Faculty of Catholic Theology
- Faculty of Law
- Faculty of Medicine
- Faculty of Humanities
- Faculty of Economics and Social Sciences
- Faculty of Science
- Central institutions
Imprint

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