



# Teacher Education at the University of Tübingen

The Tübingen  
School  
of Education



**Dear Readers,**

Teachers are of central importance for the future of our society: they convey knowledge and competences – and their actions serve as role models for young people. This is why, with the reorientation of the Tübingen School of Education, the University of Tübingen assumes societal responsibility and advocates for the education of teachers on the highest level.

The Tübingen School of Education stands for new developments in teacher education at an outstanding university with a long tradition of qualifying teachers for teaching at upper-level secondary schools (Gymnasium).

By introducing our new structures, new approaches, and the research-based environment which shapes teacher education in Tübingen, we aim to demonstrate how we fulfil our motto:

'Advancing Teacher Education – based on research, relevance and responsibility'.



The directorate  
Thorsten Bohl



## University of Tübingen – since 1477.

### FACTS AND FIGURES IN 2017

28,000 STUDENTS IN SEVEN FACULTIES

4,000 INTERNATIONAL STUDENTS

55 HABILITATIONS

730 DOCTORATES

Tübingen has been a place of research and learning since 1477. As one of Germany's top universities, the University of Tübingen provides excellent research and teaching aimed at finding solutions to future challenges in a globalized society. Its dynamic and high-profile research makes the University a desirable partner for collaboration within Germany and abroad. This is reflected in Tübingen's placement in both domestic and international rankings.

Collaborative research projects are of vital importance – particularly while the nature of higher education is changing. Tübingen, with its first-class research, is fit to compete for the finest minds and the most exciting research projects.

At the University of Tübingen, research is not regarded as an end in itself: Serving people, the environment, and society is seen as the most important task.

### Baden-Württemberg

The University of Tübingen is located in the middle of the federal state of Baden-Württemberg. Baden-Württemberg is a leading economic region in Germany and in the European Union. The vibrant and innovative environment of Baden-Württemberg supports research at the University of Tübingen with ideas and third-party funding, as well as by providing cooperation and networks.

UNIVERSITY OF TÜBINGEN

FAMOUS ALUMNI



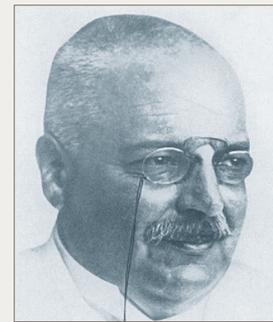
**Johannes Kepler**  
Astronomer  
1571 – 1630

Discovered laws of planetary motion



**Georg W. F. Hegel**  
Philosopher  
1770 – 1831

Influential philosopher of German Idealism



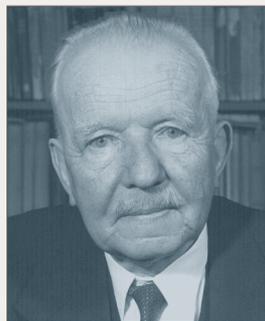
**Alois Alzheimer**  
Psychiatrist, neuropathologist  
1864 – 1915

Identified Alzheimer's Disease in Tübingen in 1906



**Georg Wittig**  
Chemist  
1897 – 1987

Received a Nobel prize for his discoveries in organic chemistry



**Eduard Spranger**  
Educational philosopher  
1882 – 1963

His work in educational philosophy influenced teacher education in Germany



**Joseph Ratzinger**  
Theologian  
\*1927

Served as Pope Benedict XVI of the Catholic Church from 2005 to 2013

## University of Tübingen – International Partnerships

### Matariki Network of Universities (MNU)

The Matariki Network of Universities (MNU) connects research universities on several continents under the motto “Partnering for a Better World”. Founded in February 2010, its members aim to establish closer ties via student and academic exchanges, to develop joint projects in research and teaching, and introduce joint degrees at the postgraduate level.

### The Tübingen School of Education ...

... builds on and extends the University's worldwide and long term partnerships.

The TüSE especially aims at strengthening partnerships with research institutions in the field of subject-specific teaching theory, school, learning and education.



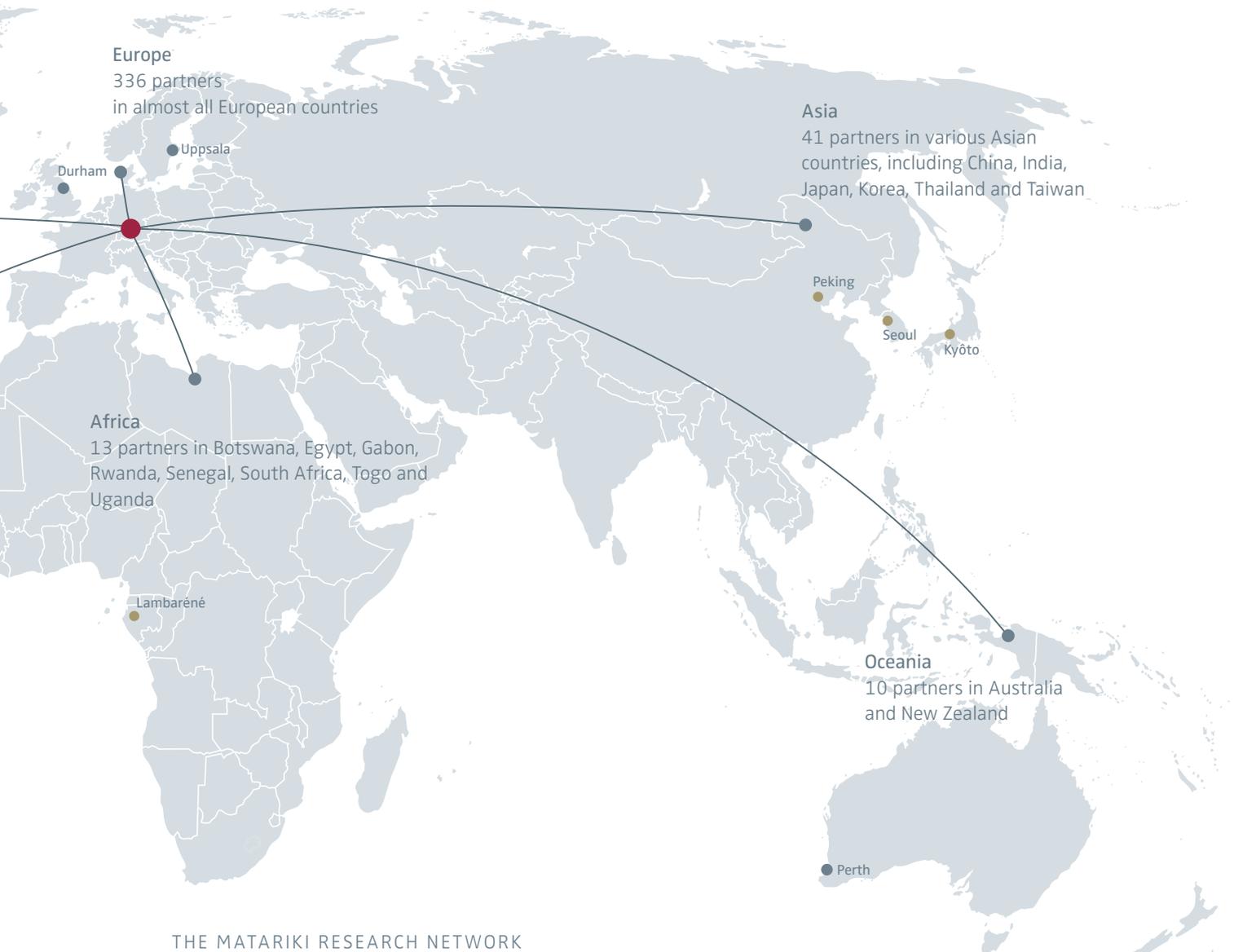
North America  
116 partners  
in Canada and the USA

Kingston Hanover, New Hampshire

Latin America  
25 partners  
in Argentina, Brazil,  
Chile, Colombia,  
Ecuador, Mexico, Peru,  
Uruguay and Venezuela

### INTERNATIONAL BRANCHES

- European Center for Chinese Studies at Peking University (ECCS)
- Tübingen Center for Korean Studies at Korea University (TUCKU)
- Tübingen Center for Japanese Studies (TCJS) in Kyôto
- Albert Schweitzer Hospital and Centre de Recherches Médicales de Lambaréné (CERMEL)



#### THE MATARIKI RESEARCH NETWORK

- Dartmouth College  
Hanover, New Hampshire, USA
- Durham University  
Durham, UK
- Queen's University  
Kingston, Ontario, Canada

- **University of Tübingen**  
Tübingen, Germany
- University of Otago  
Dunedin, New Zealand

- Uppsala Universitet  
Uppsala, Sweden
- University of Western Australia  
Perth, Australia

● Dunedin

## Tübingen School of Education – Teacher Education at the University of Tübingen

The Tübingen School of Education (TüSE) is a central scientific institution for teacher education at the University. It coordinates, organises and implements the teaching degree program in close cooperation with all faculties offering teachable subjects.

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### SCIENTIFIC INSTITUTES INVOLVED WITH TEACHER EDUCATION

KNOWLEDGE MEDIA RESEARCH CENTER (IWM)  
 HECTOR RESEARCH INSTITUTE OF EDUCATION SCIENCES AND PSYCHOLOGY (HIB)  
 METHODS CENTER  
 GRADUATE SCHOOL & RESEARCH NETWORK LEAD  
 INSTITUTE OF EDUCATION  
 INTERNATIONAL CENTER FOR ETHICS IN THE SCIENCES AND HUMANITIES (IZEW)  
 CHINA CENTRE TÜBINGEN (CCT)

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TÜBINGEN SCHOOL OF EDUCATION (TÜSE)

FACULTY OF SCIENCE  
 FACULTY OF HUMANITIES  
 FACULTY OF ECONOMICS AND SOCIAL SCIENCES  
 FACULTY OF CATHOLIC THEOLOGY  
 FACULTY OF PROTESTANT THEOLOGY  
 CENTER FOR ISLAMIC THEOLOGY

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### IN COLLABORATION WITH

SCHOOLS  
 SCHOOL ADMINISTRATION  
 GOVERNMENTAL INSTITUTE FOR TEACHER TRAINING

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The University of Tübingen is a comprehensive university and its course offering reflects the wide and interdisciplinary research spectrum. Our students benefit from this diversity and can create different combinations of study by selecting from 25 subjects. The Secondary Teaching Degree Program requires students to study two teachable subjects as well as educational sciences. In addition to popular subjects like Mathematics, English, History, German, Sports Science, and Philosophy, students can also study less common subjects such as Latin, Greek, Islamic Theology, Chinese Studies, Computer Science or Astronomy.

The Tübingen School of Education is supported by the Federal Ministry of Education and Research's 'Teacher education quality initiative' and by further programs.

TEACHABLE SUBJECTS	FACULTY OF SCIENCE	FACULTY OF ECONOMICS AND SOCIAL SCIENCES
	ASTRONOMY BIOLOGY CHEMISTRY COMPUTER SCIENCE GEOGRAPHY MATHEMATICS NATURAL SCIENCES AND TECHNOLOGY (NWT) PHYSICS	ECONOMICS POLITICAL SCIENCE SPORTS EDUCATIONAL SCIENCES*
	FACULTY OF HUMANITIES	FACULTY OF CATHOLIC THEOLOGY
	CHINESE ENGLISH FRENCH GERMAN GREEK HISTORY ITALIAN LATIN PHILOSOPHY/ETHICS RUSSIAN SPANISH TURKISH	CATHOLIC THEOLOGY
		FACULTY OF PROTESTANT THEOLOGY
		PROTESTANT THEOLOGY
		CENTER FOR ISLAMIC THEOLOGY
		ISLAMIC THEOLOGY

\*COMPULSORY ELEMENT IN THE TEACHING DEGREE PROGRAM

## **Tübingen School of Education – Developments, Facts and Figures**

- 4,000 pre-service teachers
- 50 doctoral candidates in the fields of teaching and education
- 18 professors and 10 tenured lecturers for subject-specific teaching theory and educational sciences
- 25 teachable subjects

Hosting 4,000 pre-service teachers, the University of Tübingen is the largest provider of secondary teacher education in Baden-Württemberg.

The Secondary Teaching Degree Program requires students to study two teachable subjects as well as educational sciences.

The TüSE cooperates intensively with five faculties and with scientific institutes such as the Leibniz-Institute (Knowledge Media Research Center), the Hector Institute of Education Sciences and Psychology, the Methods Center, the Graduate School LEAD, the Institute of Education, the International Center for Ethics in the Sciences and Humanities, and the China Centre Tübingen.

Schools in the Tübingen region, the Governmental Institute for Teacher Training and departments of school administration are also essential and valuable partners.

The Tübingen School of Education combines relevant content with excellent structures to provide prospective teachers with the best possible environment for learning and development.



**Advancing teacher education – based on research, relevance and responsibility.**

- 1 Strengthening awareness of the importance of teachers for the future of our society.**
- 2 Conducting research on an international level and promoting knowledge transfer.**
- 3 Providing versatile paths and tailored support for junior academics in the various fields of educational research.**
- 4 Connecting scientific research and practical experiences of pre-service and in-service teachers.**
- 5 Supporting the development of professional competences and a nuanced scientific judgement.**
- 6 Guiding and supporting pre-service teachers, both systematically and individually.**
- 7 Creating a network for the best possible education of future teachers.**

## Tübingen School of Education – Fields of Work

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ACADEMIC AFFAIRS  
AND ADVISING

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THE TEACHING  
PROFESSION

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### Academic Affairs and Advising

Students receive relevant information on academic affairs during all stages of their studies. Advisory services offer tailored support for the organization of individual study.

### The Teaching Profession

The connection of theory and practice is systematically included in the teaching degree program. Students gain practical teaching experiences in various compulsory and optional settings in order to initiate and support professionalization processes throughout their entire program of study. Reflective, analytical and conceptual approaches to practical experiences are applied and evaluated in numerous research projects.

### Research

The Tübingen School of Education follows the university's mission statement, "research, relevance and responsibility", by advancing and systematically supporting long-term and interdisciplinary research structures in all departments of subject-specific teaching theory and educational sciences. Existing expertise in various institutes and departments is connected and built upon.

### Doctoral Program

The doctoral program 'TüNaPro' aims to support emerging researchers in all fields of educational research. The program is characterized by its broad methodological orientation. It offers individualized

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 RESEARCH
 

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 DOCTORAL  
PROGRAM
 

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 INCLUSION
 

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 INTERNATIONAL-  
ZATION
 

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 DIGITALIZATION
 

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advice, a broad spectrum of methodological courses, funding support, yearly awards for outstanding theses and networking opportunities.

### Inclusion

The field inclusion, diversity, heterogeneity conducts research on the topics Inclusion and Diversity, Migration and Refugees, and Language-Sensitive Teaching. The topics are systematically included in the educational sciences section of the new Master of Education program, and workshops for in-service teachers are held regularly.

### Internationalization

International experiences for pre-service teachers – student exchange and school internships – are systematically evaluated and supported. New projects of internationalization of teacher education – abroad and at home – are being developed. Research is conducted on approaches to teacher education in different countries.

### Digitalization: Leibniz-Institute and the Tübingen Digital Teaching Lab

The Tübingen School of Education closely cooperates with the Leibniz-Institute, the Knowledge Media Research Center (IWM) in Tübingen. The Leibniz-Institute strengthens teacher education with its internationally renowned research in Teaching and Learning with Digital Media and numerous other fields. The facilities of the Tübingen Digital Teaching Laboratory (TüDiLab) enable staff to teach, support and analyze media competences of pre-service teachers in Tübingen.

NEW PROFESSORSHIPS

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1 GERMAN PHILOLOGY AND TEACHING GERMAN LITERATURE

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2 TEACHING ENGLISH AS A FOREIGN LANGUAGE (TEFL)

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3 TEACHING ROMANCE LANGUAGES

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4 TEACHING HISTORY AND PUBLIC HISTORY

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5 TEACHING BIOLOGY

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6 TEACHING CHEMISTRY

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7 TEACHING MATHEMATICS

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8 TEACHING PHYSICS

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9 LANGUAGE-SENSITIVE TEACHING IN UPPER-LEVEL SECONDARY SCHOOLS

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10 SPORTS EDUCATION

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11 BUSINESS EDUCATION

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12 TEACHING ISLAMIC THEOLOGY

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13 SCHOOL PEDAGOGY

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14 TEACHING AND LEARNING ARRANGEMENTS

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15 RESEARCH ON TEACHERS AND TEACHER EDUCATION

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16 TEACHING AND LEARNING WITH DIGITAL MEDIA

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17 INCLUSION, DIVERSITY, AND HETEROGENEITY

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## **Additional Chairs and New Topics since 2015**

### Subject-Specific Teaching Theory

The great importance of teachers' pedagogical content knowledge competencies for effective learning processes of their students has been frequently proven. The expansion of research-oriented pedagogical content knowledge is one of the main tasks of the Tübingen School of Education.

### 18 New Chairs

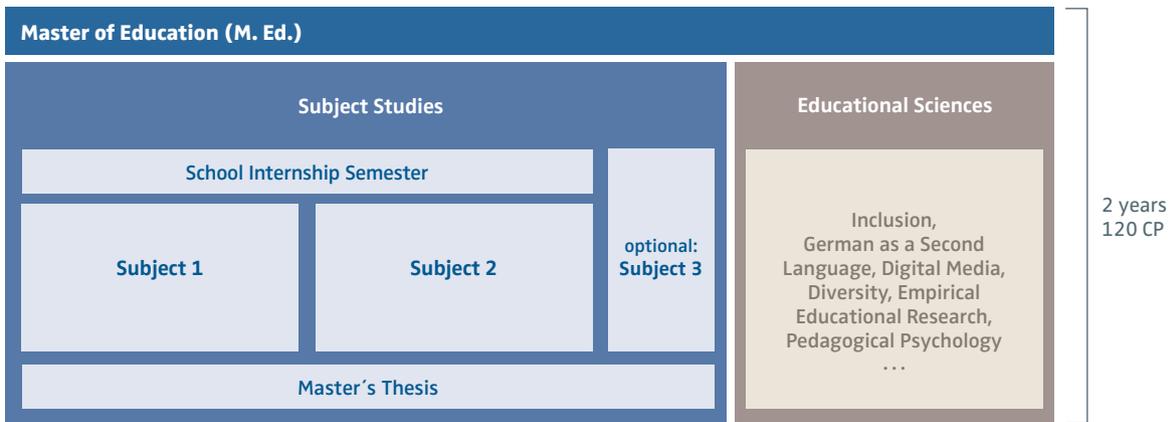
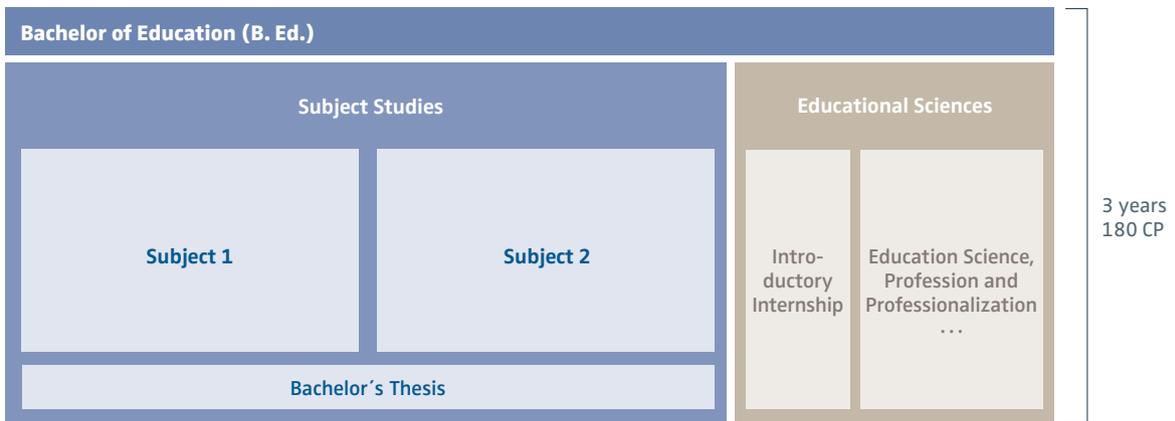
The University of Tübingen has gone to much effort and undertaken sustainable structural changes in order to implement these goals: most prominently, the establishment of 18 new professorships for teacher education, 12 of which in subject-specific teaching theory. Three of the five new professorships in educational sciences were appointed with special focus on subject-specific teaching theory, in order to ensure a strong connection between these two fields.

### Educational Sciences

Schools and the teaching profession are multi-faceted. Educational Sciences (pedagogical knowledge) have taken on an increasingly large role within teaching degree programs, next to content knowledge, pedagogical content knowledge and school internships. Educational sciences (education, empirical educational research, and pedagogical psychology) give rise to frameworks to better explain and understand various concepts, generate and interpret data and, by doing so, challenge the students' own assumptions and beliefs formed during the socialization process at school. This encourages the development of a nuanced ability to reflect and analyze, based on professional expertise.

### New Topics

A broad variety of new topics in teacher education is being developed, systematically included, and assessed. Topics include competence modeling, portfolio work, profession-related counseling, further education, inclusion, teacher ethos, and language-sensitive teaching. Projects are funded by the 'Teacher education quality initiative'.



## **Secondary Teaching Degree: Bachelor and Master of Education**

The Degree Program 'Teaching at Upper-Level Secondary Schools' consists of the three-year Bachelor of Education and the two-year Master of Education.

Both Bachelor and Master require students to study two teachable subjects as well as educational sciences. A thesis is written at the end of both the Bachelor's and the Master's program.

The educational sciences section ensures that the students develop theoretical knowledge of educational sciences, learning, teaching and school management in connection with the ability to reflect on their own practical experiences.

The Bachelor of Education includes a three-week introductory school internship. The Master of Education includes a 12-week school internship semester during the first master semester.

Practical experiences serve as a reference point for research-based analysis of teaching processes and for processes of reflection and professionalization.

The University of Tübingen offers teaching degree programs for upper-level secondary schools. Graduates work at the Gymnasium (school leading straight to A-Levels) or the Gemeinschaftsschule (community school).

The school type Gymnasium leads to A-Levels after eight years, covering grades 5 –12.

The school type Gemeinschaftsschule leads to A-Levels after nine years, covering grades 5 –13.

**Tübingen** has a young population: one third of its 90,000 inhabitants are university students.



Tübingen's historic district is an attraction for academics and tourists alike.





## Contact and legal information

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Published by the Director of the Tübingen School of Education  
Professor Dr. Thorsten Bohl

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Editors: Dr. Nina Beck & Elisabeth Hofmann, Tübingen School of Education  
Translation: William O'Neil  
Design: Gabriele von Briel, Tübingen School of Education, Communication Design  
Printed by: Logo Print GmbH, Metzingen · Edition: 200 · Paper: Munken Lynx

Photo Credits: Friedhelm Albrecht (18/2,3,5; 19/3); Nils Dittbrenner/[www.bilderweide.de](http://www.bilderweide.de) (18/1);  
fotolia/photo\_superteam (2); Hochschulkommunikation (6 – 7); Jörg Jäger (18/4; 19/2);  
Yannick Pfeifer (18/6); picture-alliance/abaca (5/6); picture-alliance/akg-images (5/4);  
picture-alliance/dpa/Dürkop (5/5); Universitätsbibliothek Tübingen (5/1 – 3); Vermögen und  
Bau Baden-Württemberg/Amt Tübingen (11; 20); Gabriele von Briel (4; 18/7; 19/1,4,5)