Study in Germany
Master and PhD Programs, Scholarships

National Chung Hsing University, Taichong
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Facts about Germany

Germany impressions
Facts about Germany

Geography

• **Population:** 82 million, 10 million foreign citizens

• **Geographic location:** In the heart of Europe, diverse landscapes, mountains, coastal regions, North and Baltic Seas

• **Climate:** Temperate ranging from Mediterranean to Continental climates
Facts about Germany
Study in Europe – more than just a degree!

- Studying in Europe – experience cultural diversity
- Student visa in Germany allows visa-free access to all other 26 Schengen countries
- Excellent education for comparatively low costs
252,032 international students = 11, 4% of the whole student body

1364 Taiwanese students in Germany
Source: [www.wissenschaft-weltoffen.de](http://www.wissenschaft-weltoffen.de) 2012

<table>
<thead>
<tr>
<th>Jahr</th>
<th>Anzahl</th>
<th>Veränderung zum Vorjahr</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>1411</td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>1350</td>
<td>-4%</td>
</tr>
<tr>
<td>2007</td>
<td>1302</td>
<td>-4%</td>
</tr>
<tr>
<td>2008</td>
<td>1322</td>
<td>2%</td>
</tr>
<tr>
<td>2009</td>
<td>1222</td>
<td>-8%</td>
</tr>
<tr>
<td>2010</td>
<td>1272</td>
<td>4%</td>
</tr>
<tr>
<td>2011</td>
<td>1364</td>
<td>7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country of Origin</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>22,828</td>
</tr>
<tr>
<td>Russ Federation</td>
<td>10,077</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>7,537</td>
</tr>
<tr>
<td>Poland</td>
<td>7,463</td>
</tr>
<tr>
<td>Austria</td>
<td>7,072</td>
</tr>
<tr>
<td>Ukraine</td>
<td>6,204</td>
</tr>
<tr>
<td>France</td>
<td>5,530</td>
</tr>
<tr>
<td>Kamerun</td>
<td>5,420</td>
</tr>
<tr>
<td>Marokko</td>
<td>5,163</td>
</tr>
<tr>
<td>India</td>
<td>4,825</td>
</tr>
</tbody>
</table>

International Studentes 2011: 252,032
60% of the institutions are **public**. They are administered and financed by one of the **16 federal states**!
Studying in Germany - Costs

Tuition fees

- **No general tuition fees** starting from 2014

- **Semester contribution** of up to €200 per semester (administrative costs, student union contribution for student dining, sports, cultural events and a semester ticket)

- **Private universities/business schools** do charge tuition fees. Inquire about the exact cost of tuition fees at the university in question
Living expenses

- Rent and utilities
- Food and beverages
- Clothing
- Learning materials
- Car and public transportation
- Health insurance, doctor’s visits, medicine
- Telephone, Internet, TV
- Recreation, culture, sports

Total: ~800 Euro = ~34 000 NTD
The German university system

Institutions of higher education

392 Institutions of Higher Education

- 121 Universities
- 215 Universities of Applied Sciences
- 56 Colleges of Art and Music
- 239 public institutions
- 153 private, state-recognized institutions
- more than 16,000 programmes

Quelle: Hochschulen in Zahlen 2013, HRK

www.study-in.de
Facts about Germany

German Economy: SMEs as backbone

You will know those Global Players.....

...but SMES are the backbone of the German economy

Haribo

- Founded 1920 by Hans Riegel in Bonn
- World-wide eports
- Family-owned, not listed

SMEs – Global leaders

<table>
<thead>
<tr>
<th>Country</th>
<th>SMEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>1307</td>
</tr>
<tr>
<td>USA</td>
<td>366</td>
</tr>
<tr>
<td>Japan</td>
<td>220</td>
</tr>
<tr>
<td>Austria</td>
<td>128</td>
</tr>
<tr>
<td>Switzerland</td>
<td>110</td>
</tr>
<tr>
<td>Italy</td>
<td>76</td>
</tr>
<tr>
<td>France</td>
<td>75</td>
</tr>
<tr>
<td>China</td>
<td>68</td>
</tr>
<tr>
<td>UK</td>
<td>67</td>
</tr>
</tbody>
</table>

Quelle: BMWI 2012
The German university system

Universities

- Total: 121
- Focus on methodical and theoretical knowledge
- Students may choose courses of interest, not all courses are prescribed
- Research-based final thesis
- Wide range of subjects
- Degrees: bachelor’s, master’s, doctoral, post doctoral; some institutions/courses still offer traditional German degrees (*Diplom, Magister* and state examination)
The German university system

17 Technical Universities

TU9 - Association of German Institutes of Technology

- Excellent in research
- Attract 25% of all 3rd-part funding
- Grant 57% of all doctorates in engineering

- RWTH Aachen
- TU Berlin
- TU Braunschweig
- TU Darmstadt
- TU Dresden
- Leibniz Universität Hannover
- TU München
- TU Stuttgart
- Karlsruhe Institute of Technology

www.tu9.de
The German university system

Universities of applied sciences

- Total: 215
- Highly praxis-oriented with close connection to the professional world
- Praxis-oriented final thesis
- Typical subjects: Engineering, Business, Social Work, Design…
- Degrees: Bachelor, Master
- UASs do not offer PhD courses but some have joint PhD-programmes with universities; excellent graduates will be accepted by universities
The German university system

Degrees at German Universities

Reform of Degree System completed in 2010!

German universities offer international degrees:
- Bachelor
- Master
- Doctorate

Exception **Staatsexamen** in the following subjects: Medicine (Human & Vet), Law, Pharmacy

Mutual recognition of degrees between Taiwan and Germany!

**Important:** Admission to a Master Course requires a Bachelor Degree in a related field. There is **no entrance exam** for Master courses.
Studying in Germany

Language requirements

Courses taught in German: TestDaF or DSH, (required level differs between unis and courses)
Courses: taught in English: IELTS or TOEFL (required level differs between unis and courses)

- TestDaF (Test of German as a Foreign Language)
- 2 times a year (November, April) in Taipei, Kaohsiung)
- www.testdaf.de.
- DSH (only in Germany, administered by German universities
- *TestDaF and DSH can be replaced by other German Language Tests (offered by the Goethe-Institut)*

Please check: www.sprachnachweis.de
The German university system

How to find a programme?

More than 16,000 degree programmes ....???

www.hochschulkompass.de

... is a comprehensive search engine for programs at German universities, taught in German or in English

www.study-in.de
More than 800 international degree programmes throughout Germany.

- Bachelor’s, master’s, and structured doctoral programmes
- Internationally recognized degree
- Language of instruction is generally English, frequently supplemented by German language courses
- Intensive academic advising for international students

For more info, visit our database: [www.daad.de/international-programmes](http://www.daad.de/international-programmes)
International Programmes in Germany 2013
14 Programmes for your chosen criteria

Keyword / Course-ID
Chemical engineering

Degree / Level
- Master

Energy Science and Technology • University of Ulm • Ulm

Degree / Level
Master

Tuition Fees
none

Course Language
English

Admission Semester
Winter semester only
Application and Admission

Depending on the institution and your country of origin, there are two ways to apply for admission to a German university:

- In most cases: Direct application to the university
- Application through uni-assist (a service centre for German universities) [www.uni-assist.de](http://www.uni-assist.de); uni-assist service fees: 68 Euro for first application, 15 Euro for further applications

- Application deadlines mostly [15 January, 15 July](#), but attention: deadlines may vary!!!

- Visa application with the Deutsche Institut (在台協會) in Taipei after receiving offer from university (plan for approx 6 weeks)
Scholarships for Master Programmes

Scholarship program for 2-year-Master Courses
- Financed by Tsung Cho Chang-Foundation (宗倬章教育基金會), administered by DAAD Taipei
- For BA-degree holders in Science, Engineering, Business
- Applications (to be submitted to DAAD Taipei): 30 May 2014
- Interviews: Friday, 6th June 2014 at DAAD Taipei

EU-scholarships for Erasmus Mundus Programs:
- More than 50% of universities participating in Erasmus Mundus programme are German universities!
- Please check with European Economic and Trade Office in Taipei!

New scholarships by German universities & research institutions are announced on Facebook! Join us!
German scholarships for Taiwanese students and academics

Scholarships for PhD-Studies/Postdocs

Research Stays/PhD-studies

- For research-projects of 6 -10 months
- For “Sandwich-PhD” or full PhD in Germany (3 years)

**Extended deadline:** Apply with DAAD Taipei Office by 24 Nov 2014 (Interviews: 9 January 2014)

NSC-DAAD Sandwich Scholarships for PhD-Students

- For students enrolled in PhD-programmes
- Application at NSC 2x per year Jan & July

**DAAD- NSC Summer Institute**

- For research internships in Germany during the summer holidays!
- Mainly for students in Doctoral Programmes, but also some Master Students are admitted
- Application with NSC (31 January)

[Image of DAAD application form]

[Website link: www.study-in.de]
German scholarships for Taiwanese students and academics

Further Scholarships

Join our Facebook site!

➢ Salsa: School of Analytical Sciences Adelershof
  • SALSA Doctoral Fellowships for International Students
    Applicants with a Master Degree in chemistry, physics, biology …
    Application Deadline: 4th of November 2013

➢ Bayer Foundation - Otto Bayer Scholarships
  提供下列學科領域碩、博士獎學金:
  • Biology, molecular biology, biochemistry, biotechnology…
  • Chemistry, chemical engineering, material sciences…
  • Pharmaceutics and drug discovery
  • Physics
  • Medical sciences
  申請日期: 2014年6月1日至7月15日

www.study-in.de
Highest number of doctoral degrees in Europe

Since 2000: Reform of doctoral education -> Two ways of doing a doctorate

1. **“Traditional way”**: Individual doctorate, “master-disciple approach
2. **New**: Structured programs in Graduate Schools

<table>
<thead>
<tr>
<th>Doctorates- Germany ranks first in Europe</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
</tr>
<tr>
<td>Germany</td>
</tr>
<tr>
<td>UK</td>
</tr>
<tr>
<td>Japan</td>
</tr>
<tr>
<td>France</td>
</tr>
<tr>
<td>Italy</td>
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</tbody>
</table>

An international comparison of completed doctorates in the OECD countries (in absolute terms, 2006), source: OECD

German Nobel laureates in the last 25 years!
Doctoral programmes in Germany

Individual doctorates

- Supervised by a university professor (*Doktorvater* or *Doktormutter*)
- Find out in advance which professor would be best suited to supervise your research project
- Doctoral candidates work independently; Good organisational skills and a high degree of self-discipline is necessary!

How to find a PhD-Position:
- Through your professor or research literature
- Check out data base for DFG-sponsored positions: [www.phd-germany.de](http://www.phd-germany.de)
- Check DFG-Research Training Schools (“Graduiertenkollegs”): [www.dfg.de](http://www.dfg.de)
Structured doctoral programmes

- Candidates are integrated into a programme with a fixed structure similar to other degree programmes.
- Candidates participate in a research training group, graduate school or international doctoral programme.
- PhD-positions are also offered at research institutes (cooperating with universities).

[www.daad.de/international-programmes]
Students @work

- Students from non-EU countries are allowed to work 120 days (240 half days) without a work permit.
- University tutors/research assistants may work more.
- Mandatory internships are not subtracted from your 120-day employment credit.

Read about jobbing in Germany at www.study-in.de!
More information

Upcoming Activities!!

First Taiwan Internship Initiative launched by DAAD and GTO:

15 German companies in Taiwan offer internship opportunities for summer holidays 2014!

Please check our webpage: www.daad.org.tw
After your studies: “Make it in Germany”

- **After graduation**, you can stay in Germany for **18 months** to look for qualified work.
- During that time, you **are allowed to work as much and where ever as you would like** to, no special rules apply.

**Websites/Platforms for job-hunting:**

- [www.make-it-in-germany.de](http://www.make-it-in-germany.de)
- [www.monster.de](http://www.monster.de)
- [http://jobs.zeit.de/](http://jobs.zeit.de/) (for academic jobs)
- [www.meinestadt.de](http://www.meinestadt.de)

**FAQs** “Career Opportunities for international students in Germany” at [www.study-in.de](http://www.study-in.de)!

Is it easier to find a job with a master's degree or with a PhD?

How are job opportunities for mechanical engineers?

When I am looking for a job do I have to know German?
More information

Contact

Who can advise me on study & research in Germany?

Visit the DAAD Information Centre!

Dr. Stefanie Eschenlohr, Director
Ms Tung Peilan, Education Officer

DAAD Information Center Taipei
11F, No.20, Heping W. Rd. Sec. 1
Taipei 100
info@daad.org.tw

Weekly Counselling:
Monday, 16:30 – 19:30
Thursday, 14:00 – 17:30
(or by appointment)

www.daad.org.tw
The German Academic Exchange Service

What is the DAAD?

- Independent, non-profit organisation of German institutions of Higher Education
- Members: 235 institutions of Higher Education, 124 student bodies
- Headquartered in Bonn
- 14 foreign-based branches and 55 information centres
- Almost 200 different programmes
- More than 57,000 scholarship recipients each year
- Largest scholarship organization worldwide

Prof Margret Wintermantel, President since 2012
Dr. Dorothea Rüland, DAAD-Secretary General since 2010

www.study-in.de
Danke für Ihre Aufmerksamkeit!

Welcome to Germany

Land of Ideas
Scholarships

Summer Schools

Study German, take courses in your field, experience Germany!

- German universities offer more than 300 courses: German language, Social, Cultural, Media studies, Law and Economics …
- For students at all levels (over 18 years)
- Moderate tuition fees

For more info:

www.summerschools-in-germany.de

DAAD Scholarships available!
OnDaF Screening test in Taipei (at Fujen Uni)
3 November 2012!
Cultural and religious diversity in Germany

• Multicultural society

• Largest immigrant groups: Turks, Greeks, Italians, Poles, Russians, Serbs, Croats and Spaniards

• Each nationality cultivates its own language and culture at nationally-specific cultural institutions.

• Multicultural campus life
Food in Germany - get a taste of Europe

- Immigrants brought their cuisines to Germany: Turkish, Italian, Indian, Chinese, Spanish, … restaurants
- “Mensa” offer cheap warm meals for lunch
- Student dormitories have kitchens where you can cook yourself
- Almost all German cities have Asian super markets
Transport - no car is needed!

- Germany has a good network of public transport.
- Many universities offer “semester tickets” which include free use of public transport.
- Bicycles are the most important means of transport in many student cities!
Further Information on Student Life

www.study-in.de


Student Life - Inside Germany!
Ever heard of a project called "Student Life"? It consists of ten videos that give you the answers to the most asked questions concerning life and study in Germany. The main character of "Student Life" is tutor Max.

Portraits of 40 German university towns
Life → Culture/Travel → City Info
German University Ranking: www.che-ranking.de
Research Ranking: www.che-ranking.de

Humboldt-Foundation Ranking (which universities/ research institutions are most attractive to international scientists) www.ahv.de

DFG-Funding Ranking (2009): For institutions and specific subject areas. www.dfg.de

Exzellenzinitiative (Excellence-Initiative), launched in 2002
11 German universities as winners

- RWTH Aachen
- Free University of Berlin
- Humboldt University of Berlin
- University of Bremen
- Dresden University of Technology
- Ruprecht-Karl University of Heidelberg
- University of Cologne
- University of Constance
- Ludwig-Maximilians-University of Munich
- Technical University of Munich
- Eberhard-Karls University of Tübingen