4. DE: Deutschland (Germany)

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4.1. General information

In Germany the curriculum is slightly different at each University. In some Universities the electrical engineering and the computer science departments are combined and in other Universities they are separated.

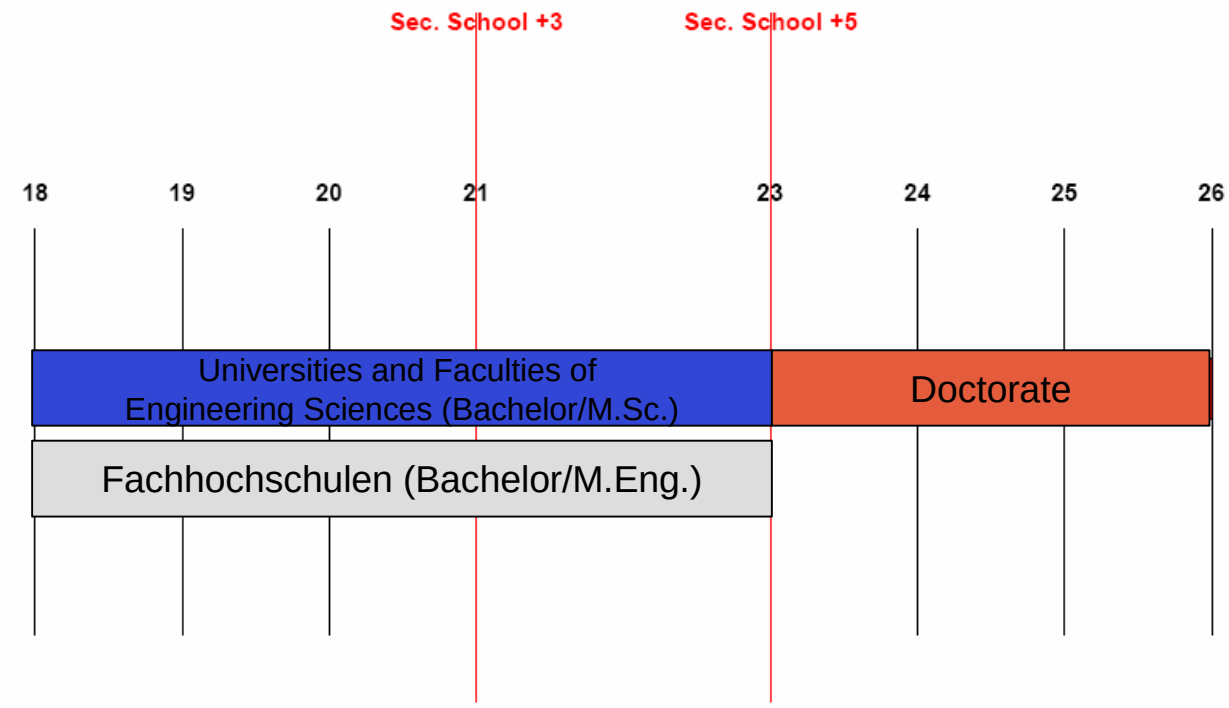


Figure 4.1: German Higher Education System in EIE Disciplines

4.1.1 Electrical and Information Engineering in Germany, boundaries of the field of study

List of general EIE subjects:

- Computer Sciences
- Medical Computer Sciences
- New Communication Technologies
- Business Informatics
- Electrical Engineering
- Microelectronics
- Microsystems Engineering
- Communications and Information Technology
- Optoelectronics

4.1.2 Content, degrees and accreditations

The curriculum of the degrees is defined by a committee in each department in each University and certified by the ministry of education in the federal states (*Länder*).

4.1.3 Implementation of the Bologna-BMD system in Germany

In Germany, we found traditionally:

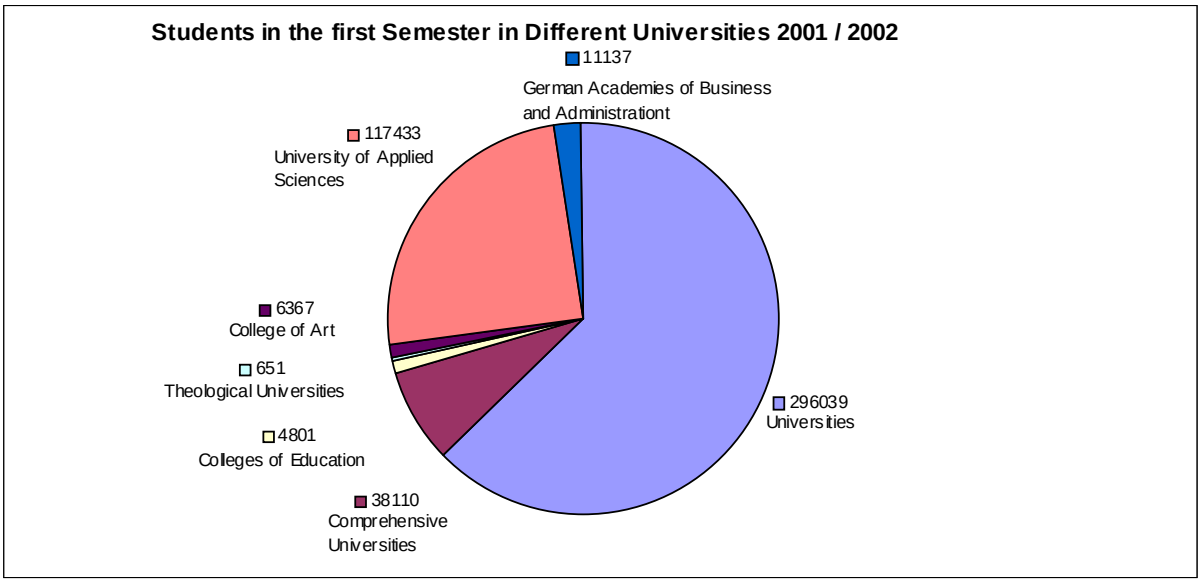
- ***Diplom-Ingenieur***, the title that is awarded by German universities and technical universities for the successful completion of a scientific course program of nominally five years;
- ***Diplom-Ingenieur*** *(FH)*, the title that is awarded by German *Fachhochschulen* (universities of applied sciences) for the successful completion of a practice oriented course program of nominally four years.

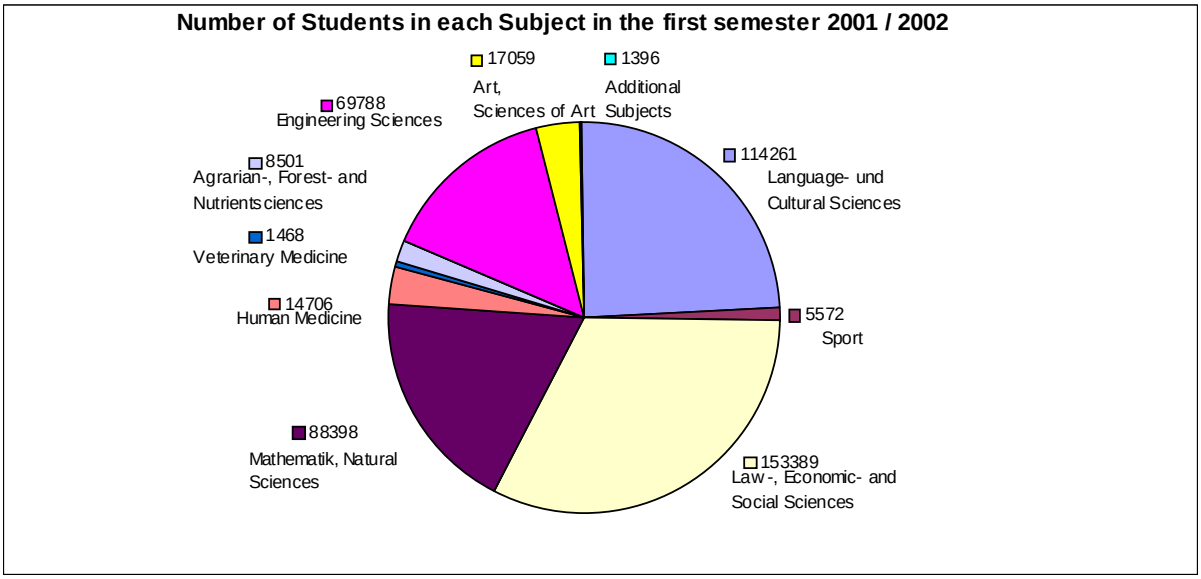
Bologna-BMD system is being introduced in the Germany federal schemes since 1998 in parallel with the traditional degree "*Diplom-Ingenieur*".

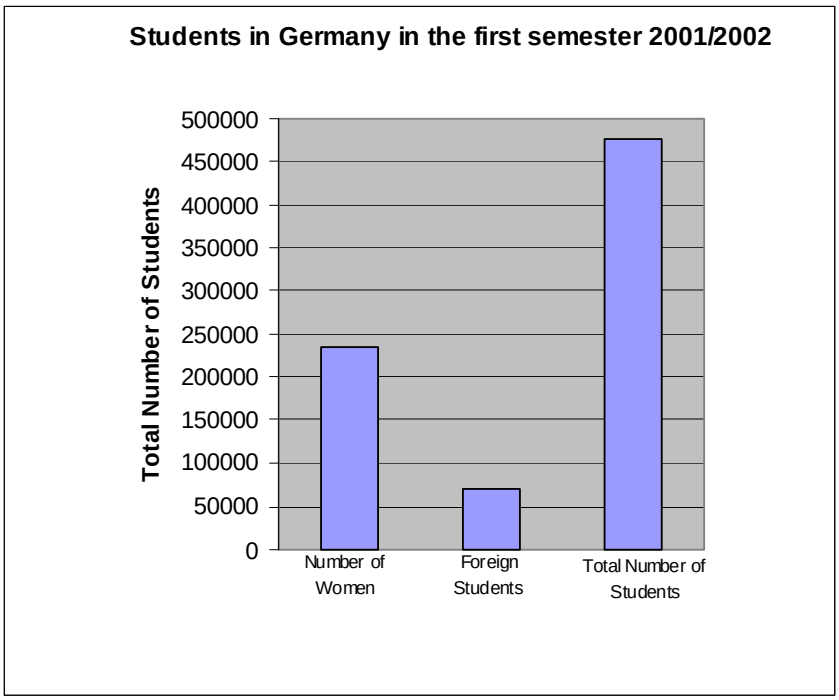
In some federal states, the encouragement to switch to the Bologna-BMD is stronger than in others. Some Universities propose "bachelor" and "master" curricula, in addition to traditional curricula. Some "masters" are proposed in English language, mainly for foreign students.

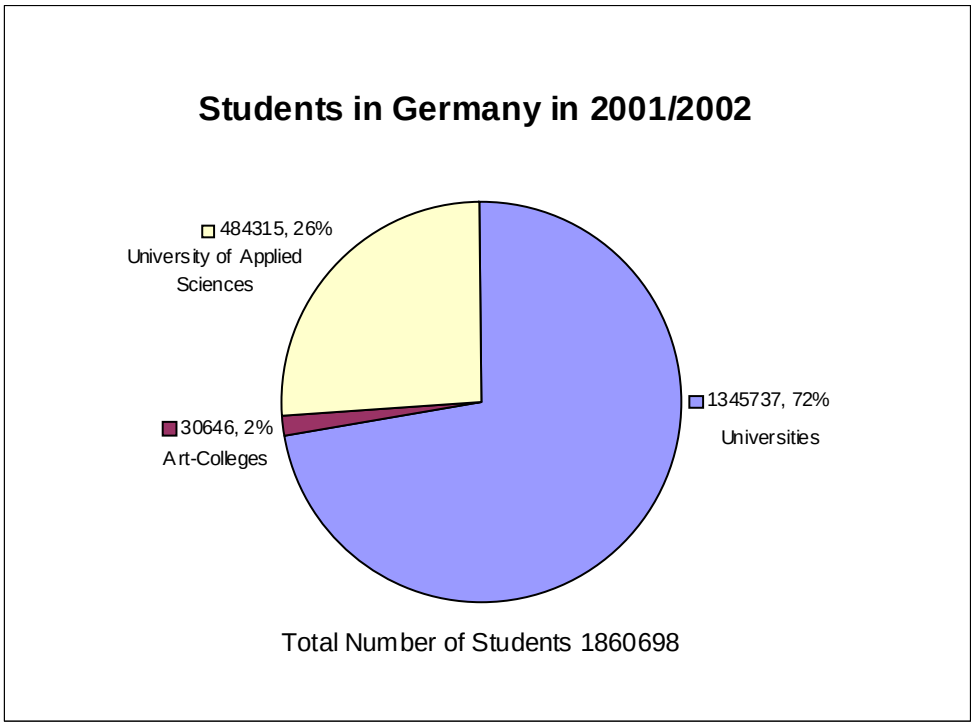
The Bachelor level is very similar to the *Fachhochschule* level (only a bit shorter). The Master level is closely aligned to the current University *Diplom-Ingenieur* programme. It is science orientated at Universities, and application oriented in Fachhochschulen.

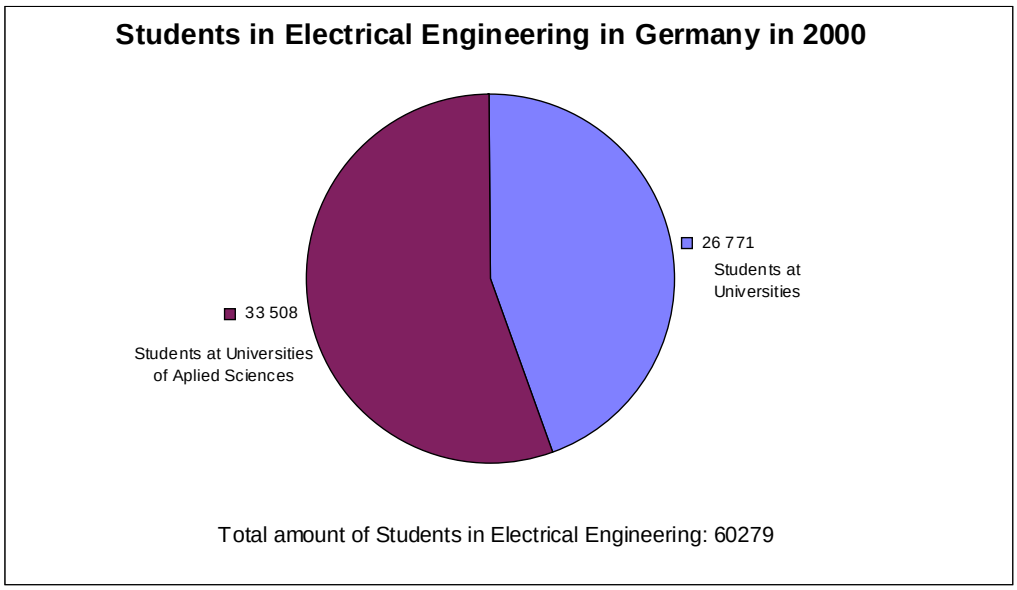
4.2 Figures on the weight of EIE in Germany

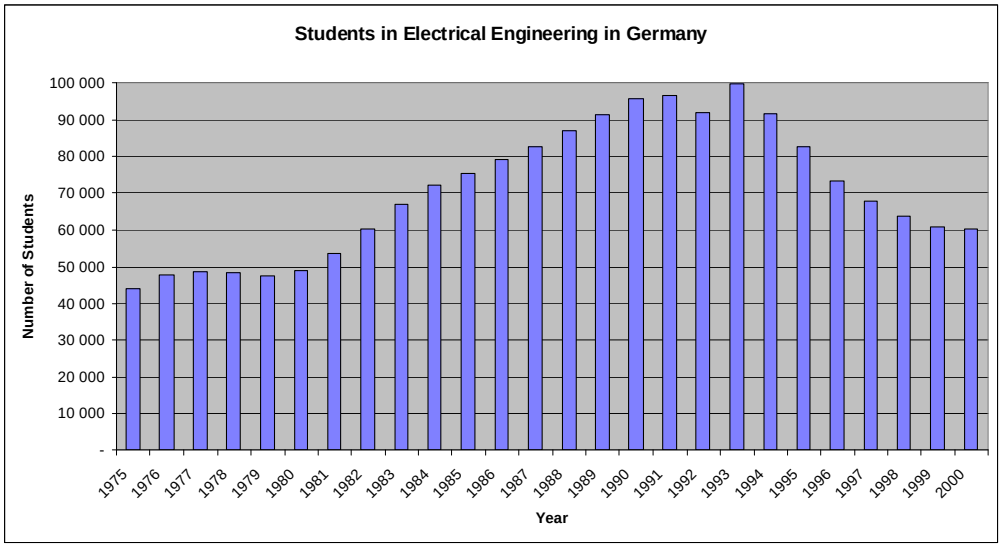





Students in Germany in the first semester 2001/2002
Total Number of Students
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
Number of Women
Foreign Students
Total Number of Students


Students in Germany in 2001/2002
484315, 26%
University of Applied Sciences
30646, 2%
Art-Colleges
1345737, 72%
Universities
Total Number of Students 1860698


Students in Electrical Engineering in Germany in 2000
26 771
Students at Universities
33 508
Students at Universities of Aplied Sciences
Total amount of Students in Electrical Engineering: 60279


Students in Electrical Engineering in Germany
Number of Students
100 000
90 000
80 000
70 000
60 000
50 000
40 000
30 000
20 000
10 000
-
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
Year

4.3. Degrees in EIE in Germany

Relevant awards are made in 355 different Universities in Germany:

• Technician in various engineering disciplines (2 years)

• Diplom Degrees in various engineering disciplines and informatics (7 to 9 Semesters)

• Bachelor (6 Semesters), Master (+ 4 Semesters) (introduced only recently)

4.3.1 Before bachelor (technician level)

This level is not considered as a University level, and not developed in the following.

4.3.2 Fachhochschul-level:

Automatic Control Engineering:

- Control Systems 28%
- Real-Time Data Processing 17%
- Computer Engineering 17%
- Process Measuring 15%
- Drive Control 13%

Electrical Energy Engineering:

- Electrical Machines and Drives 25%
- Power Electronics 23%
- Control Systems 17%
- Drive Regulation 13%
- Electrical Power Supply 12%

Communications Technology:

- Networks, Signals, Systems 28%
- Computer Engineering 23%
- High-Frequency Engineering 17%
- Analogue Circuit 12%
- Cryptographic Procedures and Applications 10%

Technical Data Processing:

- Real-Time Data Processing 25%
- Computer Engineering 22%
- I/O Interfaces and Peripheral Devices 18%
- Cryptographic Procedures and Applications 15%
- Digital Image Processing 10%

4.3.3 University-level:

General Electrical Engineering:

- Theoretical Electrical Engineering 25%
- Semiconductor Electronics 18%
- General Communications Engineering 13%
- Data Processing 12%
- Electrical Machines and Power Electronics 12%
- Control Engineering 10%

Automatic Control Engineering:

- Control Engineering 25%
- Electrical Machines and Power Electronics 17%
- Data-Acquisition and Data-Processing 15%
- Real-Time Data Processing 13%
- General Communications Engineering 10%
- Theoretical Electrical Engineering 10%

Electrical Engineering:

- Electrical Plants and Networks 25%
- Electrical Machines and Power Electronics 17%
- Data-Acquisition and Data-Processing 15%
- High Voltage Engineering and Insulation Material 13%
- Real-Time Data Processing 10%
- Control Engineering 10%

Microelectronics:

- Microelectronics 25%
- Design of Integrated Systems 18%
- Semiconductor Electronics 17%
- Signal and System Theory 10%
- General Communications Engineering 10%
- Data Processing 10%

Communications Engineering:

- General Communications Engineering 25%
- Communication Transfer Technology 17%
- Signal and System Theory 15%
- Fields and Waves 13%
- Radio-frequency and microwave technology 10%
- Data Processing 10%

Technical data processing:

- Data Processing 25%
- Algorithms and Data Structures 15%
- I/O Interfaces and Peripheral Devices 15%
- Real Time Programming 12%
- Design of Integrated Systems 12%
- Technical Computer Science 11%

The remaining 10% of the subjects, defined by each University, are general subjects, like Project management, English as a foreign language, Communications, Rhetoric and Public Relations.

4.4. References

• "Studying in Germany", DAAD. 6th Edition 1999,
• Federal Ministry of Education and Research.

4.5. Doctoral Studies in Germany

4.5.1. Supervision

Scientific Board or Supervisor

There are both an appointed supervisor and a Scientific board. The latter includes 3 to 7 members depending on the university and is elected by the Faculty/Department. The student has the same personal supervisor during the thesis work on an active research area.

Subject Assignment

Subject assigned at the beginning of the doctoral studies, by agreement between the student and the supervisor. The subject might be changed slightly.

Who can be a Supervisor: only professors in university department have the right to supervise doctoral students.

Tasks of Scientific Board/Supervisor

The Scientific board has only formal tasks (decision on whether a student is admitted, who will be the second reviewer of the work, whether dates have been met). The supervisor has the following tasks:

1. General management YES

2. Deciding/advising layout of course NA[1]

3. Assigning a thesis subject YES

4. Discuss with doctoral student on his/her progress on a regular basis, mediate contacts to other research institutions for discussion.

Duration: three to five years.

[1] Not available.

4.5.2. Development

Courseware?

Yes.

Course Work

1. In most cases, there is no course program. The doctoral thesis is exclusively research-based.

2. Extension: not applicable.

3. Credit system: not applicable.

4. Monitoring: not applicable.

Contribution to Teaching

1. Supervision of undergraduate laboratory work.

2. Teaching undergraduate students only in “problem-solving” sessions. In few cases proxying the supervisor for a lecture.

Presentation of Work

1. In the department.

2. At national conferences.

3. At international conferences.

4. In cooperation with industry.

4.5.3. Thesis Work

Submission of Doctoral Written Thesis

1. Language: German. Alternative language: English. Further languages depending on the university.

2. No credits allocated to the doctoral thesis.

3. The doctoral thesis is a previously unpublished substantial written report. Pre-publications possible.

Oral Presentation of Thesis Work

1. Language normally used: German. Alternative language: English.

2. Oral presentation for an open audience with one part of the oral examination public and another part of the oral examination that is not public.

3. Duration: typical duration of 1,5 hours with an upper time limit.

4.5.4. Examination

Thesis Examination Board

1. Composition: four or three internal examiners and none or one external examiner (4 members: 4+0 or 3+1).

2. Selection by the scientific committee of the institution.

Evaluation

1. Result based on the reading of the thesis and the oral presentation of the thesis work, with a grading system.

2. If the student fails, he/she may resubmit a revised thesis not earlier than one year after the rejection of the first thesis. The student may also resubmit for doctorate but only once more.

4.6. Questionnaires

Germany

3 – ACTIVITIES DURING DOCTORAL STUDIES

3.1- SUPERVISION OF DOCTORAL STUDIES

3.1.1	Are the doctoral studies supervised by a Scientific Board/supervisor? If no, please proceed to 3.1.5.	YES
3.1.2	**How many members are in the Scientific Board?**	3 to 7

There are both an appointed supervisor, and a scientific board. The latter includes 3 to seven members, depending on the individual university.

3.1.3 How are the members of the Scientific Board chosen?

3.1.3.1	Elected by the Faculty, Department?	Y
3.1.3.2	Chosen by the student?	Y/N
3.1.3.3	Chosen in another way? Please specify:	Y/N

3.1.4 Which are the main tasks of the Scientific Board/ Supervisor?

The Scientific board as only formal tasks (decision on whether a student is admitted to be a doctoral student, who will be second reviewer of the work, whether dates have been met etc. There is NO course program. Doctoral thesis is exclusively research-based. The following answers are concerning the supervisor.

3.1.4.1	General management of the doctoral studies.	Y
3.1.4.2	Deciding the layout of the course, advising the students on their coursework.	NA
3.1.4.4	Assigning the thesis subject.	Y
3.1.4.5	Other. Please specify:	

Discuss with doctoral student on his progress on a regular basis, prevent him/her from going into wrong directions, mediate contacts to other research institutions for discussion

3.1- SUPERVISION OF DOCTORAL STUDIES

3.1.5	Does the student need a personal supervisor during her/his studies?	Y
3.1.5.1	Does the same person supervise her/his thesis work?	Y
3.1.6	Must the subject of the doctoral thesis be an active research area in the department?	Y
3.1.7	The doctoral thesis subject is normally assigned:	
3.1.7.1	At the beginning of the doctoral studies?	Y
3.1.7.2	After a specified period of coursework?	N
3.1.7.3	Other. Please specify:	Y/N
	If necessary, the subject might be changed slightly due to novel results and/or aspects showing up during research work.	
3.1.8	The thesis supervisor of a doctoral student can be:	
3.1.8.1	Any professor or lecturer in the department?	(Y)[1]
3.1.8.2	Any researcher in the department?	N
3.1.8.2.1	In this case, is there a need for a second supervisor who is a professor or lecturer in the department?	
3.1.8.3	Any researcher in another institution?	N
3.1.8.3.1	In the latter case, is there a need for an internal supervisor?	NA
3.1.8.4	Other methods. Please specify:	N
	[1] **Only professors!**	
3.1.9	The thesis subject is assigned by:	
3.1.9.1	Agreement between the student and the proposed supervisor?	Y
3.1.9.2	Other methods. Please specify:	N

3.2- COURSE WORK

3.2.1 Do the students have to take coursework during their doctoral degree preparation? If no, please proceed to 3.3. N

3.2.2 Extension and assessment.

3.2.2.1 What is the number of contact hours spent in coursework in each year?

Year 1	**Year 2**	**Year 3**	**Year 4**
hrs	**hrs**	**hrs**	**hrs**

3.2.2.2 In which form is this coursework offered?

- As specialist graduate course units.

- As course units taken from the undergraduate programme.

- Other. Please specify.

3.2.2.3 Is the coursework assessed by examinations? Y/N
If not, please give details:

3.2.3 Credit system

3.2.3.1 Is the coursework in your institution described by a credit system? Y/N

3.2.3.2 Is it the ECTS system? Y/N

If not, what is the relationship with ECTS?

3.2.3.3 How many credits are allocated to coursework?

credits

3.2.4 Monitoring

3.2.4.1 Do you monitor the performance of the doctoral student taking coursework? Y/N

3.2.4.2 What regulations apply in case of failure in one or more course units?

- Retake the exam.

- Take a different course unit.

3.3- PRESENTATION OF WORK RESULTS:

3.3.1	In the department.	YES
3.3.2	At national conferences.	YES[2]
3.3.3	At international conferences.	YES[2]

[2] YES, normally.

3.4- CONTRIBUTION TO TEACHING:

3.4.1	Supervision of undergraduate laboratory.	YES
3.4.2	Teaching undergraduate courses.	YES[3]

[3] Only so-called “problem-solving sessions”.

4 - AWARDING OF DOCTORAL DEGREE

4.1- SUBMISSION OF DOCTORAL THESIS

4.1.1	Which language is normally used for the thesis?	German
4.1.2	Are alternative languages used for the thesis? Please Specify: **English.**	Y
4.1.3	Which language is normally used for the oral presentation and/or examination?	German
4.1.4	Are alternative languages used in the oral presentation and examination? Please Specify: **English.**	Y
4.1.5	Are credits allocated to the doctoral thesis?	N
4.1.6	**The doctoral thesis is:**	
4.1.6.1	A previously unpublished substantial written report.	YES
4.1.6.2	A collection of individual or co-authored scientific papers with an introduction and/or commentary.	NO
4.1.6.3	Other. Please specify:	NO

4.2- THESIS EXAMINATION AND DEGREE AWARDING

4.2.1	Is there an oral presentation of the thesis work for an open audience as part of the evaluation procedure?	YES
4.2.2	Composition of the thesis examination board. Please, give the typical number of:	
4.2.2.1	Internal examiners.	4 to 3
4.2.2.2	External examiners.	0 to 1
4.2.2.3	TOTAL.	4 (four)

4.2- THESIS EXAMINATION AND DEGREE AWARDING

4.2.3	How is the examination board chosen?	
4.2.3.1	By the supervisor.	NO
4.2.3.2	By the scientific committee of the institution.	YES
4.2.3.3	By the rector or equivalent.	NO
4.2.3.4	By the national ministry.	NO
4.2.3.5	Other. Please specify:	
4.2.4	Do the examiners base their evaluation mark on:	
4.2.4.1	Reading the thesis.	Y
4.2.4.2	The oral presentation of the thesis work.	Y
4.2.4.3	Both.	YES
4.2.4.4	What is the typical duration of the oral part of the thesis examination, if applicable?	1.5 hours
4.2.4.5	Is there an upper limit to the duration of the thesis examination?	Y
4.2.5	Is the oral part of the examination taken behind closed doors?	[4]

[4] One part public, other not.

4.2.6	What happens if the student fails?	
4.2.6.1	May not resubmit for doctorate.	Y[5]
4.2.6.2	May resubmit revised thesis.	N
4.2.6.3	May do further work as specified by examination board.	N
4.2.6.4	If the thesis is to be re-submitted is there a time limit for this to occur? Please specify: Not earlier than 1 year after rejection of first thesis.	Y
4.2.7	Is there a grading system for the doctoral degree based on the quality of the work?	Y

[5] Yes, but only once.

DE: Deutschland (Germany)

Universitäten (Universities)

Länder (federal states)	City	Name of the institution	http address
Universitäten			
Nordrhein-Westfalen	Aachen	Rheinisch-WestfälischeTechnische Universität	http://www.rwth-aachen.de/
Bayern	Bamberg	Universität Bamberg	http://www.uni-bamberg.de/
Berlin	Berlin	Freie Universität Berlin	http://www.fu-berlin.de/
Berlin	Berlin	Humboldt-Universität	http://www.hu-berlin.de/
Nordrhein-Westfalen	Berlin	Technische Universität Berlin	http://www.tu-berlin.de/
Nordrhein-Westfalen	Bielefeld	University of Bielefeld	http://www.uni-bielefeld.de/
Nordrhein-Westfalen	Bochum	Universität	http://www.ruhr-uni-bochum.de/
Nordrhein-Westfalen	Bonn	Rheinische Friedrich-Wilhelms-Universität	http://www.uni-bonn.de/
Niedersachsen	Braunschweig	Technische Universität Carolo-Wilhelming zu Braunschweig	
Bremen	Bremen	Universität Bremen	http://www.stellen.uni-bremen.de/
Baden-Württemberg	Bruchsal	International University in Germany	http://www.i-u.de/
Sachsen	Chemnitz - Zwickau	Technische Universität Chemnitz-Zwickau	http://www.tu-chemnitz.de/
Sachsen-Anhalt	Clausthal	Technische Universität Clausthal	http://www.tu-clausthal.de/
Brandenburg	Cottbus	Brandenburgische Technische Universität	http://www.tu-cottbus.de/
Nordrhein-Westfalen	Dortmund	Universität Dortmund	http://www.uni-dortmund.de/
Sachsen	Dresden	Technische Universität Dresden	http://www.tu-dresden.de/
Nordrhein-Westfalen	Duisburg	Gerhard-Mercator-Universität - Gesamthochschule -	http://www.uni-duisburg.de/
Nordrhein-Westfalen	Düsseldorf	Heinrich-Heine-Universität Düsseldorf	http://www.uni-duesseldorf.de/
Bayern	Erlangen	Friedrich-Alexander Universität, Erlangen-Nürnberg	http://www.uni-erlangen.de/
Hessen	Frankfurt am Main	Universität Frankfurt am Main	http://www.uni-frankfurt.de/
Sachsen-Anhalt	Freiberg	Technische Universität Bergakademie	http://www.tu-freiberg.de/
Baden-Württemberg	Freiburg im Breisgau	Albert-Ludwigs-Universität-Freiburg	http://www.uni-freiburg.de/
Niedersachsen	Göttingen	Georg-August-Universität, Göttingen	http://www.uni-goettingen.de/
Mecklenburg-Vorpommern	Greifswald	Ernst-Moritz-Arndt-Universität	http://www.uni-greifswald.de/
Nordrhein-Westfalen	Hagen	FernUniversität -Gesamthochschule	http://www.informatik.fernuni-hagen.de/
Sachsen-Anhalt	Halle-Wittenberg	Martin Luther Universität Halle-Wittenberg	http://www.verwaltung.uni-halle.de/
Hamburg	Hamburg	Technische Universität, Hamburg-Harburg	http://www.tu-harburg.de/

Länder (federal states)	City	Name of the institution	http address
Hamburg	Hamburg	Universität Hamburg	http://www.verwaltung.uni-hamburg.de/
Niedersachsen	Hannover	Universität	http://www.uni-hannover.de/
Baden-Württemberg	Heidelberg	Ruprecht-Karls-Universität, Heidelberg	http://www.uni-heidelberg.de/
Thüringen	Ilmenau	Technische Universität Ilmenau	http://www.tu-ilmenau.de/
Thüringen	Jena	Friedrich Schiller Universität, Jena	http://www2.uni-jena.de/
Rheinland-Pfalz	Kaiserslautern	Universität Kaiserslautern	http://www.uni-kl.de/
Baden-Württemberg	Karlsruhe	Badische Landesbibliothek	
Baden-Württemberg	Karlsruhe	Universität Karlsruhe	http://www.verwaltung.uni-karlsruhe.de/
Hessen	Kassel	Universität-Gesamthochschule	http://www.uni-kassel.de/
Schleswig-Holstein	Kiel	Christian-Albrechts-Universität zu Kiel	http://www.uni-kiel.de/
Rheinland_Pfalz	Koblenz-Landau	Universität	http://www.uni-koblenz-landau.de/
Nordrhein-Westfalen	Köln	Universität zu Köln	http://www.uni-koeln.de/
Baden-Württemberg	Konstanz	Universität zu Konstanz	http://www.uni-konstanz.de/
Sachsen	Leipzig	Universität zu Leipzig	http://www.uni-leipzig.de/
Schleswig-Holstein	Lübeck	Medizinische Universität	www.mu-luebeck.de/
Sachsen-Anhalt	Magdeburg	Otto von Guericke Universität, Magdeburg	http://www.uni-magdeburg.de/
Baden-Württemberg	Mannheim	Universität zu Mannheim	http://www.uni-mannheim.de/
Hessen	Marburg	Philipps-Universität	http://www.uni-marburg.de/
Bayern	München	Ludwig Maximilians Universität, München	http://www.uni-muenchen.de/
Bayern	München	Technische Universität München	http://www.tu-muenchen.de/
Bayern	München	Universität der Bundeswehr München	http://www.unibw-muenchen.de/
Bayern	Münster	Universität Münster	http://www.uni-muenster.de/
Hessen	Oestrich-Winkel	EBS : European Business School	http://www.ebs.de/ebs/home.php
Niedersachsen	Osnabrück	Universität Osnabrück	http://www.uni-osnabrueck.de/
Nordrhein-Westfalen	Paderborn	Universität-Gesamthochschule	http://www-zv.uni-paderborn.de/
Bayern	Passau	Universität, Passau	http://www.uni-passau.de/
Brandenburg	Potsdam	Universität Potsdam	http://www.uni-potsdam.de/
Bayern	Regensburg	Universität Regensburg	http://www.uni-regensburg.de/
Mecklenburg-Vorpommern	Rostock	Universität Rostock	http://www.uni-rostock.de/
Saarland	Saarbrücken	Universität des Saarlandes	http://www.uni-saarland.de/
Nordrhein-Westfalen	Siegen	Universität Gesamthochschule Siegen	http://www.uni-siegen.de/
Baden-Württemberg	Stuttgart (see Hohenheim)	Universität Stuttgart	http://www.uni-stuttgart.de/

Rheinland-Pfalz	Trier	Universität Trier	http://www.uni-trier.de/
Baden-Württemberg	Tübingen	Eberhard-Karls-Universität, Tübingen	http://www.uni-tuebingen.de/
Baden-Württemberg	Ulm	Universität Ulm	http://www.uni-ulm.de/
Nordrhein-Westfalen	Wuppertal	Bergische Universität-Gesamthochschule (BUGH)	http://www.verwaltung.uni-wuppertal.de/
Bayern	Würzburg	Bayerische Julius-Maximilians-Universität	http://www.uni-wuerzburg.de/

Fachochschulen (Universities of applied sciences)

Länder (federal states)	City	Name of the institution	http address
Fachhochschulen			
Nordrhein-Westfalen	Aachen	Fachhochschule Aachen	http://www.fh-aachen.de/
Baden-Württemberg	Aalen	Fachhochschule Aalen	http://www.fh-aalen.de/
Bayern	Amberg	Fachhochschule Amberg	http://www.fh-amberg.de/
Sachsen-Anhalt	Anhalt	Fachhochschule Anhalt	http://www.vt-fh.de/hsliste/koethen.htm
Bayern	Ansbach	Fachhochschule Ansbach	http://www.fh-ansbach.de/
Bayern	Augsburg	Fachhochschule Augsburg	http://www.fh-augsburg.de/
Berlin	Berlin	Europäische Wirtschafthochschule	
Berlin	Berlin	Evangelische Fachhochschule	http://www.evfh-berlin.de
Berlin	Berlin	Fachhochschule für Technik und Wirtschaft Berlin	http://www.fhtw-berlin.de/
Berlin	Berlin	Fachhochschule für Wirtschaft	http://www.fhw-berlin.de/
Berlin	Berlin	Katholische Fachhochschule	http://www.kfb-berlin.de/
Berlin	Berlin	Technische Fachhochschule	http://www.tfh-berlin.de/
Baden-Württemberg	Biberach	Fachhochschule	
Nordrhein-Westfalen	Bielefeld	Fachhochschule	http://presse.fh-bielefeld.de/
Nordrhein-Westfalen	Bochum	Evangelische Fachhochschule	
Nordrhein-Westfalen	Bochum	Fachhochschule	
Nordrhein-Westfalen	Bochum	Fachhochschule Bergbau	
Nordrhein-Westfalen	Bonn	Fachhochschule für das öffentliche Bibiothekswesen	
Brandenburg	Brandenburg	Fachhochschule	http://www.fh-brandenburg.de/
Niedersachsen	Braunschweig	Fachhochschule Braunschweig/Wolfenbuettel	http://www.fh-wolfenbuettel.de/
Bremen	Bremen	Fachhochschule	http://www.hs-bremen.de/
Bremen	Bremerhaven	Fachhochschule	
Sachsen-Anhalt	Clausthal	Fachhochschule Coburg	
Bayern	Coburg	Fachhochschule	
Hessen	Darmstadt	Evangelische Fachhochschule	
Hessen	Darmstadt	Fachhochschule Darmstadt	http://www.fh-darmstadt.de/
Hessen	Darmstadt	Institute for Nuclear Physics Darmstadt	
Hessen	Darmstadt	Technische Hochschule, Darmstadt (THD)	
Hessen	Dieburg	Fachhochschule der Deutschen Bundespost Telekom	
Nordrhein-Westfalen	Dortmund	Fachhochschule Dortmund	http://www.fh-dortmund.de/
Sachsen	Dresden	Hochschule für Technik und Wirtschaft (FH)	http://www.htw-dresden.de/
Nordrhein-Westfalen	Düsseldorf	Fachhochschule	http://www.fh-duesseldorf.de/
Brandenburg	Eberswalde	Fachhochschule	
Thüringen	Erfurt	Fachhochschule	http://www.fh-erfurt.de/
Baden-Württemberg	Esslingen	Fachhochschule für Technik (FHTE)	http://www.fht-esslingen.de/
Schleswig-Holstein	Flensburg	Fachhochschule Flensburg	
Hessen	Frankfurt am Main	Fachhochschule Frankfurt am Main	http://www.fh-frankfurt.de/
Hessen	Fulda	Fachhochschule Fulda	
Baden-Württemberg	Furtwangen	Fachhochschule Furtwangen	

Länder (federal states)	City	Name of the institution	http address
Nordrhein-Westfalen	Gelsenkirchen	Fachhochschule Gelsenkirchen	http://www.fh-gelsenkirchen.de/
Hessen	Gießen	Fachhochschule Gießen - Friedberg	http://www.tzm-giessen.de/
Hamburg	Hamburg	Fachhochschule Fachhochschule Hamburg	
Niedersachsen	Hannover	Evangelische Fachhochschule	
Niedersachsen	Hannover	Fachhochschule Hannover	
Sachsen-Anhalt	Harz	Fachhochschule	
Baden-Württemberg	Heilbronn	Fachhochschule Heilbronn	
Niedersachsen	Hildesheim	Fachhochschule Hildesheim/Holzminden	http://www.fh-hildesheim.de/
Nordrhein-Westfalen	Iserlohn	Märkische Fachhochschule	http://www.mfh-iserlohn.de/
Thüringen	Jena	Fachhochschule	http://www.fh-jena.de/
Nordrhein-Westfalen	Jülich	Fachhochschule Aachen Abt. Jülich	
Baden-Württemberg	Karlsruhe	Fachhochschule Karlsruhe	http://www.fh-karlsruhe.de/
Bayern	Kempten	Fachhochschule	http://www.fh-kempten.de/
Schleswig-Holstein	Kiel	Fachhochschule Kiel	
Rheinland_Pfalz	Koblenz-Landau	Fachhochschule Rheinland-Pfalz	http://www.fh-koblenz.de/
Nordrhein-Westfalen	Köln	Fachhochschule Köln	http://www.fh-koeln.de/
Nordrhein-Westfalen	Köln	Katholische Fachhochschule	
Nordrhein-Westfalen	Köln	Rheinische Fachhochschule	
Baden-Württemberg	Konstanz	Fachhochschule	http://www.fh-konstanz.de/
Baden-Württemberg	Konstanz	Institut für Kommunikationsdesign an der Fachhochschule Konstanz	
Nordrhein-Westfalen	Krefeld	Fachhochschule Niederrhein	
Bayern	Landshut	Fachhochschule	
Brandenburg	Lausitz	Fachhochschule	
Sachsen	Leipzig	Fachhochschule der Deutschen Bundepost Telekom	
Sachsen	Leipzig	HTWK - Hochschule für Technik, Wirtschaft und Kultur (FH)	
Nordrhein-Westfalen	Lippe	Fachhochschule	
Schleswig-Holstein	Lübeck	Fachhochschule Lübeck	http://www.fh-luebeck.de/
Baden-Württemberg	Ludwigsburg	Fachhochschule für öffentliche Verwaltung	
Rheinland_Pfalz	Ludwigshafen	Evangelische Fachhochschule	
Niedersachsen	Lüneburg	Fachhochschule (FH) Nordostniedersachsen	
Sachsen-Anhalt	Magdeburg	Hochfachschule	
Rheinland_Pfalz	Mainz	Fachhochschule Rheinland-Pfalz	http://www.fh-mainz.de/
Baden-Württemberg	Mannheim	Fachhochschule Mannheim - Hochschule für Technik und Gestaltung	
Sachsen-Anhalt	Merseburg	Fachhochschule Merseburg	
Sachsen	Mittweida	Hochschule für Technik und Wirtschaft (FH)	
Bayern	München	Fachhochschule München	http://www.fh-muenchen.de/
Bayern	München	Katholische Stiftungsfachhochschule	
Nordrhein-Westfalen	Münster	Fachhochschule Münster	http://www.fh-muenster.de/
Mecklenburg-Vorpommern	Neubrandenburg	Fachhochschule	http://www.fh-nb.de/

Länder (federal states)	City	Name of the institution	http address
Bayern	Nürnberg	Evangelische Stiftungsfachhochschule	http://www.evfh-nuernberg.de/
Bayern	Nürnberg	Georg-Simon-Ohm Fachhochschule	http://www.fh-nuernberg.de/
Baden-Württemberg	Nürtingen	Fachhochschule	http://www.fh-nuertingen.de/
Baden-Württemberg	Offenburg	Fachschule Offenburg	http://www.fh-offenburg.de/
Niedersachsen	Oldenburg	Fachschule Oldenburg	http://www.fh-oow.de/
Niedersachsen	Osnabrück	Fachhochschule	http://www.fh-osnabrueck.de/
Niedersachsen	Osnabrück	Katholische Fachhochschule Norddeutschland	
Niedersachsen	Ostfriesland	Fachhochschule	http://www.fh-oow.de/
Baden-Württemberg	Pforzheim	Fachhochschule für Gestaltung, Technik und Wirtschaft	
Bayern	Regensburg	Fachhochschule Regensburg	http://www.fh-regensburg.de/
Baden-Württemberg	Reutlingen	Fachhochschule Reutlingen	http://www.fh-reutlingen.de/
Bayern	Rosenheim	Fachhochschule Rosenheim	http://www.fh-rosenheim.de/
Saarland	Saarbrücken	Hochschule für Technik und Wirtschaft des Saarlandes (HTWdS)	http://www.htw-saarland.de/
Brandenburg	Senftenberg	Fachhochschule Lausitz	
Baden-Württemberg	Sigmaringen	Fachhochschule Albstadt-Sigmaringen	
Rheinland-Pfalz	Speyer	Hochschule für Verwaltungwissenschaften Speyer	http://www.hfv-speyer.de/
Baden-Württemberg	Stuttgart (see Hohenheim)	Fachhochschule für Bibliothekwesen	
Rheinland_Pfalz	Trier	Fachhochschule Rheinland-Pfalz	
Baden-Württemberg	Ulm	Fachhochschule Ulm	
Bayern	Weihenstephan	Fachhochschule Weihenstephan	
Baden-Württemberg	Weingarten	Fachhochschule Ravensburg-Weingarten	http://www.fh-weingarten.de/
Sachsen-Anhalt	Wernigerode	Fachhochschule Harz	http://www.fh-harz.de/
Hessen	Wiesbaden	Fachhochschule Wiesbaden	
Brandenburg	Wildau	Technische Fachhochschule Wildau	
Niedersachsen	Wilhelmshaven	Fachhochschule Wilhelmshaven	
Mecklenburg-Vorpommern	Wismar	Hochschule - Fachhochschule für Technik Wirtschaft und Gestaltung	
Niedersachsen	Wolfenbüttel	Fachhochschule	
Rheinland_Pfalz	Worms	Fachhochschule Worms (Rheinland Pfalz)	http://www.fh-worms.de/
Bayern	Würzburg	Fachhochschule (FH) Würzburg-Schweinfurt-Aschaffenburg	