Subject Ranking
Print version

Institution / University: hochschule - 9 - Electrical Engineering
Faculty / Department / Unit: fachbereichsname - 9 - Electrical Engineering
Field: kurzbezeichnung - 9 - Electrical Engineering

General instructions

Years

Many questions in this questionnaire specify that information should be provided for (a) particular year(s). The table below indicates the academic year in questions in which an academic year does not coincide with a calendar year. Please use the format that fits your institutional administration best. Please be consistent regarding the format you have chosen within each question.

If no specific year is indicated in a question, please refer to the most recent academic year wherever possible. If you are unable to provide the most recent data, please leave a comment in the respective comment field in which you specify to which year the data refer.

Calendar year	Academic year
2018	2018/2019
2019	2019/2020
2020	2020/2021

General information and [?]-symbols

The questionnaire includes [?]-symbols. When you hover over this symbol with your mouse, they provide information about definitions and particular clarifications related to specific question. You will find an overview of all [?] texts as a pdf version **here**. If the online help features do not answer all your questions please do not hesitate to email the U-Multirank team at **info@umultirank.org** and we will get back to you as soon as possible. Please indicate to which part of the subject questionnaire you are referring.

Departmental or study programme-related questions

Questions at department level (i.e. covering not only the programmes submitted) are: 5, 11, 14, 18, 19, 20, 21, 22, 23, 24, 25, 26 and 27.
All other questions solely refer to the programmes submitted.

Handling of missing data

If data are not available, please leave those fields blank and tick the "data not available" box. If necessary, leave a short remark in the comment section below the question.
Please enter "0" (zero) only if zero is the correct value.

Do **not** use "0" to show that data are not available!

For instance, if do not have international doctoral candidates, enter value 0. If you have no data available on international doctoral candidates, please leave it blank and tick the "data not available" box. Some questions may have sub-sections. If you are unable to answer a question in all its parts, please tick the "data not available" box, but still provide any available information you hold. In these instances, please leave a comment in the comment box of this question that only partial information was available. See the following examples:

- If your department offers PhD programmes and has PhD graduates, enter the correct value.
- If your department offers PhD programmes, but did not have any PhD graduates that year, enter the value 0.
- If your department offers PhD programmes, but you do not have any information concerning PhD graduates, leave that field blank and tick the "data not available" box.
- If your department does not offer PhD programs, leave the field blank and tick the "not applicable" box if available
- If your department does not award doctoral degrees, please select the radio button "Institution does not award research PhDs/doctorate degrees".

Not applicable

Some questions do not apply to all institutions. This is the case, for instance, for many universities of applied science. These usually do not have the right to confer PhD degrees. If a question does not apply to your institution, please tick the respective 'not applicable' box and/or leave the fields blank. Do not use "0" to show that data a question does not apply to your institution. Please note that we will calculate an indicator if you enter a value (incl. zero) in the questionnaire.

Please note that explanations on data elements, calculations and rationales can be found in the indicator book on our **website**.

For definitions and further explanation of terms, please hover over the questionmark "[?]"

Overview

1   Please give the **full name and address** of the **unit responsible for organising Electrical Engineering.** [?]

Institute or other Sub-unit, if applicable:	
Town/city:	
Website:	

Please provide the name of a contact person who will be available to respond to potential queries from the U-Multirank team. Please indicate **only one** email address. Please indicate the email address including the @ symbol and **do not** use e.g. (at) or "at" as word.

For future communication: Please make sure that our emails from **info@umultirank.org** will not be blocked by the firewall of your institution!

Title:	please choose ...
Contact person's first name:	
Contact person's last name:	
Position/Unit:	
Phone:	
Email:	
Email - please verify:	
Comments:	

Part 1: Details about the individual study programmes

2   Please ensure the listed programmes

- **are currently offered**,
- are offered as a **main subject/major** in **Electrical Engineering** at your department, and,
- first year enrolment will still be open in 2022

Please do not include
- Short-term **first** degrees **below** bachelor level (1 or 2-year programmes),
- Continuous education/CPD programmes,
- Special programmes for teacher education,
- Programmes in which first-year enrolment is not longer possible,
- Ph.D./doctorate programmes.

Those programmes can be listed for information below in b) "Other study programmes".

If you wish to include any additional programmes, please contact the U-Multirank team **(info@umultirank.org)**.

Programme name	Programme level	
Teststudiengang - code_sb9 - Electrical Engineering	Master	

Other study programmes:

Comments:

3 Please provide the following information on the programmes.

	Programme offered since (year)	Standard period of study in years	**Is the programme ending?**
Teststudiengang - code_sb9 - Electrical Engineering			

Comments:

4 Please describe the programmes according to the following **characteristics**:

Please refer to the regular organisation of the programme, not to special possibilities (e.g. online learning programme) due to Covid-19 pandemic.

	Full presence-learning programme	Blended learning programme	Full distance-learning programme
Teststudiengang - code_sb9 - Electrical Engineering	Yes No	Yes No	Yes No

Comments:

5 Please give the percentage of programmes at the department in the field **Electrical Engineering** that are **fully offered online, on campus and of blended learning before the Covid-19 pandemic and now**, during the current academic term.

☐ Data for this question not available

Measure	Incoming students in Before Covid-19 reached your country	In the current academic term
Percentage of teaching fully online		
Percentage of teaching fully on campus		
Percentage of blended learning		
Sum (should be 100%)		

Comments:

6   Please indicate the number of **students enrolled in the programmes** in 2020. **[?]**

☐ Data for this question not available
☐ Data on international students not available

	Number of students			
	Total number of students	**New enrolments/ students in their 1st year**	**International (degree-seeking) students [?]**	**Number of students enrolled in internationalisation at home modules [?]**
Teststudiengang - code_sb9 - Electrical Engineering	☐	☐	☐	☐

Comments: _____

7 Please indicate if admission to the programme is restricted and, if applicable, list **tuition fees <u>per year</u>**. [?]

☐ No tuition fees for domestic students
☐ No tuition fees for international students

	Restricted admission in 2020	Tuition fees per year (Please list the currency, e.g. 5000 EUR)			
		Currency of tuition fee for domestic students	Tuition fee for domestic students	Currency of tuition fee for international students	Tuition fee for international students [?]
Teststudiengang - code_sb9 - Electrical Engineering	◯ Yes ◯ No				

Comments:

8 Please indicate the amount of different teaching forms of the current curriculum for mandatory courses in per cent. **[?]**

☐ Data for this question not available

	Mandatory courses					Sum teaching forms	Data not available
	Lectures	Small group teaching (e.g.seminars, tutorials, colloquia)	Student projects (e.g. internship, independent research)	Internships, work placements (as formal part of the study programme)	Other		
Teststudiengang - code_sb9 - Electrical Engineering							☐

Comments: _____

9 Please give details on periods of **internships / work experience and other projects work outside higher education** integrated in the programmes. Please refer to full working week.

☐ Data for this question not available

	Internships/ periods of work experience [?]		Other projects outside HEI (e.g. business / private / public organisations) [?]	
	Duration in weeks	Mandatory?	Duration in weeks	Mandatory?
Teststudiengang - code_sb9 - Electrical Engineering	☐	☐	☐	☐

Comments: ☐

10 Please describe the international orientation of the programmes with regard to the inclusion of **stays abroad for your own students** (incl. internships abroad) **[?]**. Please indicate if there are joint, dual or double study programmes **[?]** with foreign partner institutions.

☐ Data for this question not available

	Study period abroad (minimum of 3 months)	International orientation of the programmes	
		Joint/Double/Dual degree programme	Most relevant foreign partner institutions for exchange (max 5)
Teststudiengang - code_sb9 - Electrical Engineering		○ No, it is not a joint/double/dual degree programme ○ Yes, it is a joint/double/dual degree as regular degree ○ Yes, as an option to obtain a joint/double/dual degree	

Comments:

11 International exchange students:
Please provide information on **international student exchanges** at your department in **Electrical Engineering** during 2020.

Please only enter the number of student exchanges that have actually taken place, although the Covid-19 pandemic might have prevented some exchanges.

☐ Data for this question not available

	Number of exchange students	
	Sent out [?] 2020	**Incoming [?]** 2020
In **physical** international exchange programmes		
In **virtual** international classrooms [?]		

Comments:

12 Please provide information on teaching in a foreign language. Please indicate if the **study programme** as such is offered **entirely in a foreign language** (either regularly or as an option). If **not** please indicate the number of mandatory courses in total and the number of mandatory courses which are also delivered in a foreign language. Please refer to the year 2020.

☐ Data on mandatory courses not available

	Study programme is offered entirely in a foreign language	If <u>not</u> completely in a foreign language:	
		a) Total number of mandatory courses in the programme	b) Number of mandatory courses which are delivered in a foreign language [?]
Teststudiengang - code_sb9 - Electrical Engineering			

Comments: [   ]

13   **Special features of the study programmes:**

Please describe (max. 600 characters) the special characteristics of the study programmes (foci, areas of specialisation, relevance of research, practical relevance, interdisciplinary orientation, etc.).

Teststudiengang - code_sb9 - Electrical Engineering

Comments:

14   Please indicate the total **number of degrees issued (graduates)** by your department in **Electrical Engineering** by degree level. Please refer to all degree programmes **(excl. PhD)**, not only to those listed in this questionnaire! **[?]**

☐ Data for this question not available
☐ Institution does not offer Bachelor programmes in **Electrical Engineering**
☐ Institution does not offer Master programmes in **Electrical Engineering**

	2018	2019	2020
	Number of degrees issued (graduates)	Number of degrees issued (graduates)	Number of degrees issued (graduates)
Bachelor/ undergraduate	☐	☐	☐
thereof female graduates	☐	☐	☐
Master/ postgraduate	☐	☐	☐
thereof female graduates	☐	☐	☐

Comments: _____

15 Please indicate for each programme the **number of degrees issued (graduates)** and the number of those graduating within the standard period of completion (as indicated in question 3) of the specific programme. **[?]**

☐ Data for this question not available
☐ Data on degrees within standard period not available

	2018 Number of degrees issued (graduates)		2019 Number of degrees issued (graduates)		2020 Number of degrees issued (graduates)		Please tick if there are no graduates yet in this programme
	Total	Within standard period [?]	Total	Within standard period	Total	Within standard period	
Teststudiengang - code_sb9 - Electrical Engineering	☐	☐	☐	☐	☐	☐	☐

Comments: _____

16 Please indicate the percentage of 2018 graduates who were unemployed 18 months after graduation. Exclude those that continued their Higher Education studies. If no data for the 2018 cohort exists, please indicate to which cohort you are referring. **[?]**

If no definite data are available, please specify the range that fits best your situation. **[?]**

☐ Data for this question not available

	Percentage	If you do not have definite numbers, choose an interval:							If data relate to a period other than 18 months, please indicate the months after graduation	Cohort year (if other than 2018)
		0%	Above 0 to 5%	Above 5 to 10%	Above 10 to 25%	More than 25%	Not avail-able	Clear range		
Teststudiengang - code_sb9 - Electrical Engineering	☐ %	○	○	○	○	○	○	○	☐	☐

Comments: ☐

17 Please indicate the percentage of 2018 graduates working in the region 18 months after graduation. If no data for the 2018 cohort exists, please indicate the cohort you are referring to. **[?]**

If no exact data are available, please specify the range that describes best your situation. **[?]**

☐ Data for this question not available

	Percentage	If you do not have definite numbers, choose an interval:							If a period other than 18 months, please indicate x months after graduation	Cohort year (if other than 2018)
		0%	Above 0 to 25%	Above 25 to 50%	Above 50 to 75%	More than 75%	Not available	Clear range		
Teststudiengang - code_sb9 - Electrical Engineering	☐ %	○	○	○	○	○	○	○	☐	☐

Comments: ☐

18 Please indicate the full-time equivalent (fte) numbers of **academic staff in Electrical Engineering** (professors and other academic staff) employed in your department in the years **2018 to 2020**. **[?]**

Please ensure that the calculated sum for "total academic staff" reflects your total academic staff correctly.

☐ Data for this question not available

	Full-time equivalent academics staff in Electrical Engineering		
	2018 December	**2019 December**	**2020 December**
Staff involved in teaching and research **[?]**			
Staff only involved in teaching (no research) **[?]**			
Staff only involved in research (no teaching) **[?]**			
Total academic staff			
thereof doctoral candidates counted as staff **[?]**			

Comments:

19 Please give the **head count** number of academic staff in **Electrical Engineering** in December 2020. **[?]**

☐ Data for the whole question not available

	Academic staff (head count)	
Total Number (head count)	☐	☐ Data not available
thereof female	☐	☐ Data not available
thereof with a completed doctorate degree	☐	☐ Data not available
thereof with a foreign citizenship	☐	☐ Data not available
thereof doctoral candidates	☐	☐ Data not available

Comments: ☐

20 Please give the percentage of classes/courses delivered by **external "practitioners"** from **[?]** outside of higher education related to the number of courses/classes in total (latest academic/calendar year).

☐ Data for this question not available

Courses delivered by **practitioners** outside of higher education in % ☐ %

Comments:

Editor: Date of editing:

21 Please indicate the number of **doctoral degrees** awarded by your institution in **Electrical Engineering** where the first supervisor is based at your department. **[?]**

☐ Data for this question not available
☐ Data on international students not available

☐ Institution does not award research PhDs/doctorate degrees in **Electrical Engineering**

	2018	2019	2020
Total number of completed research doctorate degrees			
thereof by international students			
thereof by female candidates			

Comments:

Funding

22   Please indicate the factor (by which the amount is multiplied) in which you will provide financial information for the following questions.

factor
(by which the amount is multiplied) | please choose ... |

Comments: [   ]

23   Please indicate the amount of **external research revenues** [?] (research promotion and/or contract research) of your department in **Electrical Engineering** in the last three years (2018, 2019, 2020).

Please do **NOT** state the total amounts of the relevant research projects but **ONLY** the revenues **in the relevant year**.

For joint projects with other departments/other institutions, please indicate only the share of your department!

Please note: external research revenues are exclusively those funds which require a) regular application and b) the application involves a review process. Please do not include your annual base funds (such as public, non-competitively awarded grants).

Please give the number in your local currency and in the correct amount: ARS (Argentine Peso)

- [ ] Data for this question not available
- [ ] We had no external research funds

External research revenues	2018	2019	2020	
From national research council/science foundations [?]				
From national government authorities (national or federal) [?]				
From industry/private business [?]				
From other sources [?]				
Total revenues				
thereof from regional sources [?]				☐ Data on regional sources not available
thereof from international/foreign sources [?]				☐ Data on international sources not available
thereof third party funding of professorships (endowed professorships) [?]				☐ Data on third party funding of professorships not available

Comments: _____

Students

24 Please indicate the **total** number of students enroled in all programmes at your department in **Electrical Engineering** in 2020. **[?]**

Please include students of all degree levels (incl. doctoral/PhD students).
If there is no distinction between majors and minors, please enter the total number in "Main subject/major in the field".

☐ Data for this question not available

	Main subject/ major in field	Second/ minor subject in field
Total number of students in **Electrical Engineering** at the department		
thereof number of female students		

Comments:

25 Please fill in the number of students in **Electrical Engineering** who completed **internships/clerkships** (minimum 6 weeks or minimum credit load of 200 hours) in enterprises / external public or private organisations **[?]** within the past years.

Please only enter the number of internships that have actually taken place, although the Covid-19 pandemic might have prevented some internships.

☐ Data for this question not available
☐ There are no students who made internships

☐ Data about internships in regional enterprises not available
☐ Data about internships in enterprises abroad not available

	2018	2019	2020
Total number of students who did an internship/ clerkship	☐	☐	☐
thereof: Students who did an internship/ clerkship in the institution's region **[?]**	☐	☐	☐
thereof: Students who did an internship/ clerkship abroad **[?]**	☐	☐	☐

Comments: ☐

26 Please provide the number of **degree theses** in **Electrical Engineering** completed in cooperation with enterprises/external organisations. **[?]**

⬜ Data for this question not available
⬜ There are no degree theses in cooperation with enterprises

	2018	2019	2020
Bachelor/ Undergraduate			
Master/ Postgraduate			

Comments: _____

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27 Please provide the number of **degree theses** in **Electrical Engineering** written in a **foreign language**. **[?]**

⬜ Data for this question not available
⬜ There are no degree theses written in a foreign language

	2018	2019	2020
Bachelor/ Undergraduate			
Master/ Postgraduate			

Comments: _____

Description and new entrants

28

a) Please describe the specific **teaching & learning profile** of your institution in **Electrical Engineering** (max. 600 characters)

Website:

b) Please describe the specific **research profile** of your institution in **Electrical Engineering** (max. 600 characters)

Website:

c) Please include the **link to the admission** of your department or of your higher education institution.

Website:

29 Please provide some information on the **diversity of the student body** of your department, referring to new entrants in **undergraduate/ bachelor programmes** for the academic year 2020.

☐ Data for this question not available

New entrants	
Total number of new entrants	[ ]
thereof new entrants with disabilities [?]	[ ]

New entrants by Gender		
Female	[ ]	
Non-binary	[ ]	☐ We do not recorded this data
Male	[ ]	

New entrants by age	
Younger than 21 years	[ ]
21 to 30 years	[ ]
Older than 30 years	[ ]

Comments: [   ]