



Technische
Universität
Braunschweig

Technische Universität Braunschweig
Facts and Figures 2022

TU Braunschweig in figures

Students: 16,809 in the winter semester 2022/2023, including

- 7,009 women
- 3,189 international students
- 2,671 foreign students
- 3,280 students in the 1st study semester
- 13,065 STEM students

Study programmes:

- 86 study programmes in the academic year 2022/2023
- 9 degree programmes

Graduates: 3,162, including 1,413 women

Doctorates: 270, including 73 women

Faculty and staff: 3,795 full-time staff members, including

- 1,608 women
- 242 professors
- 2,060 scientific staff
- 1,418 technical and administrative staff members

Finances: 417,4 M. finance volume, including

- 132,6 M. third-party funding

Infrastructure

(Reference date Dec 31, 2022):

Total

- 187 buildings
- 427,222 m² useful area total
- 262,974 m² useful area 1 to 6
(corresponds to 37 football fields*)
- 30,023,000 kWh electricity**
(corresponds to the consumption of approx. 8,620 single-family homes or 6,321 4-person households)
- 31,505,000 kWh district heat***
(corresponds to the consumption of approx. 1,591 single-family homes or 1,567 4-person households)

* According to FIFA regulations 2014: football field 105 m x 68 m = 7,140 m²

** According to BDEW (2009) the average consumption of electricity (per annum) is for a single family home: 3,483 kWh, a 4-person households: 4,750 kWh

*** According to RWI (2008): average consumption of district heat (per annum) is for single family home: approx. 19,800 kWh, 4-person households: approx. 20,100 kWh

Welcome!

Ladies and gentlemen, I am pleased to present you the Overview of 2022.

As always, you will get a look at key data that will enable you to gain a deeper understanding of our Carolo Wilhelmina. I would like to summarize some interesting aspects here:

In 2022, TU Braunschweig's budget continued to grow, totalling 417 million euros. This was largely due to a further increase in third-party funding from the federal government and commercial third-party funding, as well as a sharp rise in special funding from the state.

The proportion of international students rose further in 2022, reaching 19 %. This represents a continuation of the steadily increasing trend towards internationalisation among students. In contrast, the overall student population continued to decline: around 16,800 students were enrolled in 86 degree programmes in 2022. Although the total number of graduates fell to around 3,150 in the 2022 examination year, the number of international graduates increased to 480, representing 15.2 % of graduates.

The number of doctoral students has risen to more than 2,300 and represents a new high. The proportion of international doctoral students also rose, reaching 19.3 %. The number of full-time staff stagnated at just under 3,800 in 2022.

Just like in recent years, the Overview provides detailed information, for example, regarding the countries of origin of international and foreign students and the composition of third-party funding. To illustrate development over time, data from the last five years are depicted in tables and graphs.

The Overview is supplemented by additional online information at <https://www.tu-braunschweig.de/en/tu-braunschweig/our-profile/facts-figures/translate-to-english-tu-braunschweig-in-zahlen>. An abridged version in the form of a leaflet will also be available.

If you have any questions or suggestions regarding the Overview, please feel free to contact University Controlling.



Dietmar Smyrek

Vice President for Human Resources, Finance and Infrastructure of Technische Universität Braunschweig

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TU Braunschweig in figures

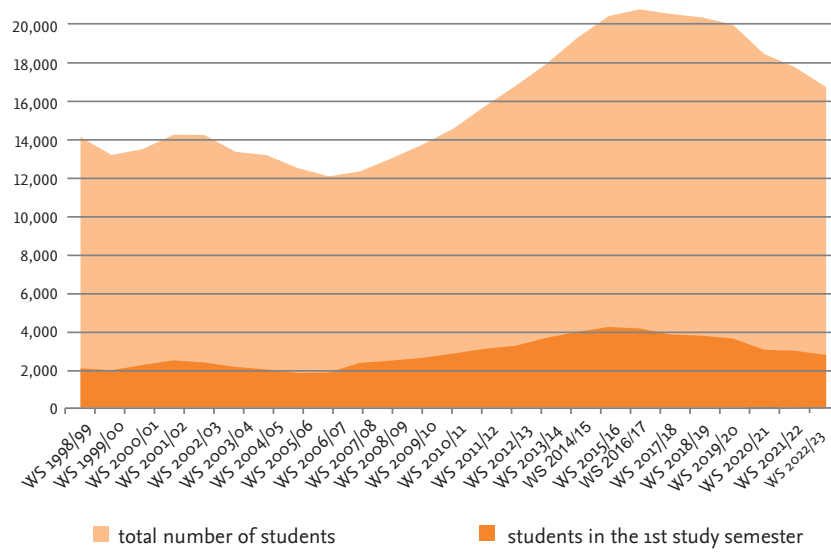
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1 Students

1.1 Students, total

Total number of students and students in the 1st study semester of the past 25 years



	Total number of students	Students in the 1st study semester
WS 1998/1999	14,517	2,451
WS 1999/2000	13,509	2,327
WS 2000/2001	13,542	2,657
WS 2001/2002	14,166	2,946
WS 2002/2003	14,272	2,809
WS 2003/2004	13,501	2,531
WS 2004/2005	13,444	2,377
WS 2005/2006	12,854	2,156
WS 2006/2007	12,310	2,187
WS 2007/2008	12,017	2,791
WS 2008/2009	12,684	2,930
WS 2009/2010	13,379	3,102
WS 2010/2011	14,108	3,375
WS 2011/2012	15,204	3,667
WS 2012/2013	16,304	3,860
WS 2013/2014	17,195	4,360
WS 2014/2015	18,474	4,730
WS 2015/2016	19,508	5,043
WS 2016/2017	20,029	4,947
WS 2017/2018	20,116	4,570
WS 2018/2019	19,980	4,493
WS 2019/2020	19,694	4,317
WS 2020/2021	18,566	3,613
WS 2021/2022	17,794	3,547
WS 2022/2023	16,809	3,280

Development of the total number of students by faculty

WS 2018/2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,430	2,834	3,800	4,927	2,031	2,958	19,980
Women	1,257	1,833	1,577	780	347	2,087	7,881
STEM	2,142	2,333	3,800	4,927	2,032	556	15,790
STEM women	507	1,413	1,577	780	347	364	4,988

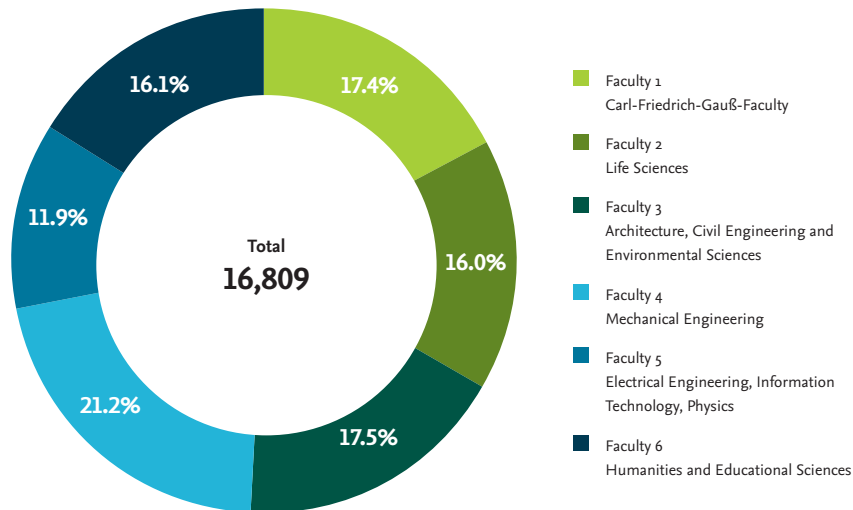
WS 2019/2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,555	2,767	3,553	4,659	2,103	3,057	19,694
Women	1,343	1,789	1,531	788	348	2,156	7,955
STEM	2,195	2,278	3,553	4,659	2,103	580	15,368
STEM women	520	1,381	1,531	788	348	391	4,959

WS 2020/2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,250	2,645	3,314	4,282	2,112	2,963	18,566
Women	1,232	1,755	1,435	752	381	2,075	7,631
STEM	2,024	2,161	3,314	4,282	2,112	556	14,449
STEM women	475	1,345	1,435	752	381	365	4,753

WS 2021/2022							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,102	2,709	3,120	3,921	2,055	2,887	17,794
Women	1,129	1,794	1,341	716	355	2,031	7,366
STEM	1,979	2,210	3,120	3,921	2,055	532	13,817
STEM women	436	1,372	1,341	716	355	346	4,566

WS 2022/2023							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	2,918	2,689	2,937	3,565	2,001	2,699	16,809
Women	1,042	1,785	1,278	662	367	1,875	7,009
STEM	1,947	2,137	2,937	3,565	2,001	478	13,065
STEM women	454	1,322	1,278	662	367	306	4,389

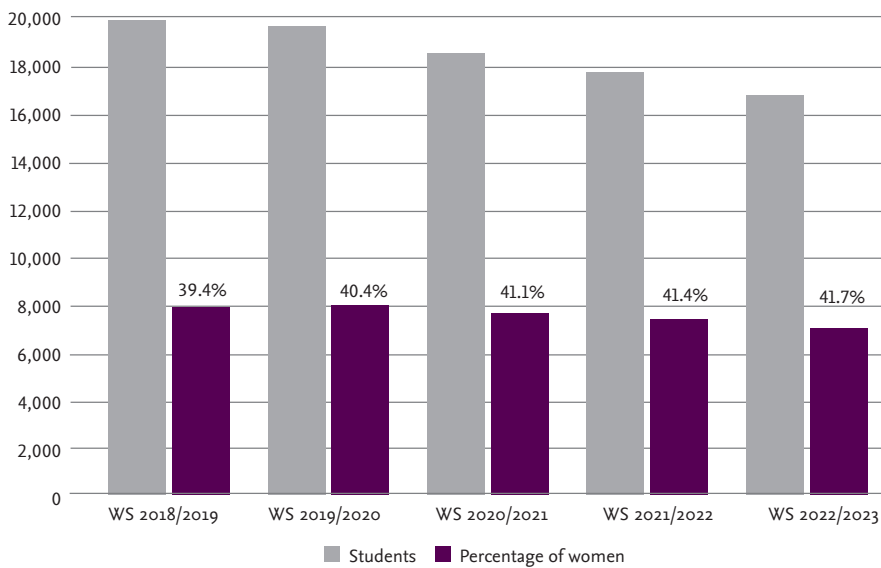
Total number of students by faculty in the winter semester 2022/2023



	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students	2,918	2,689	2,937	3,565	2,001	2,699	16,809
Percentage*	17.4%	16.0%	17.5%	21.2%	11.9%	16.1%	100.0%

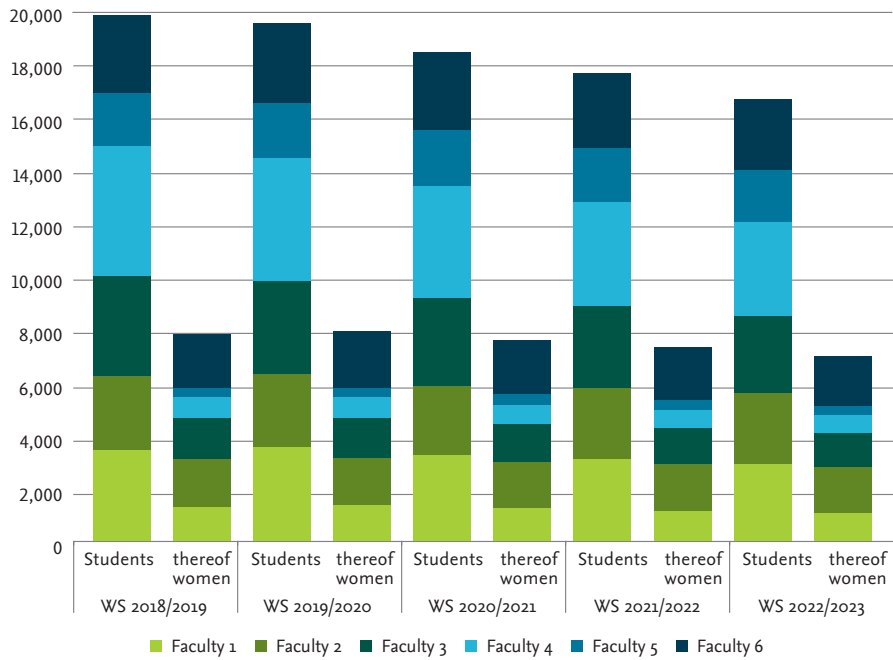
* Share in the total number of students

Development of the total number of students



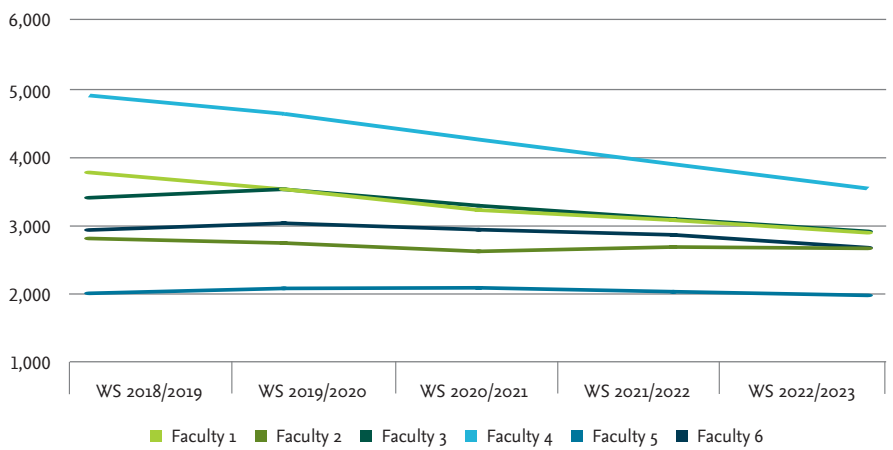
	WS 2018/2019	WS 2019/20	WS 2020/2021	WS 2021/2022	WS 2022/2023
Students, total	19,980	19,694	18,566	17,794	16,809
Women	7,881	7,955	7,631	7,366	7,009
Percentage of women	39.4%	40.4%	41.1%	41.4%	41.7%

Development of the total number of students by faculty



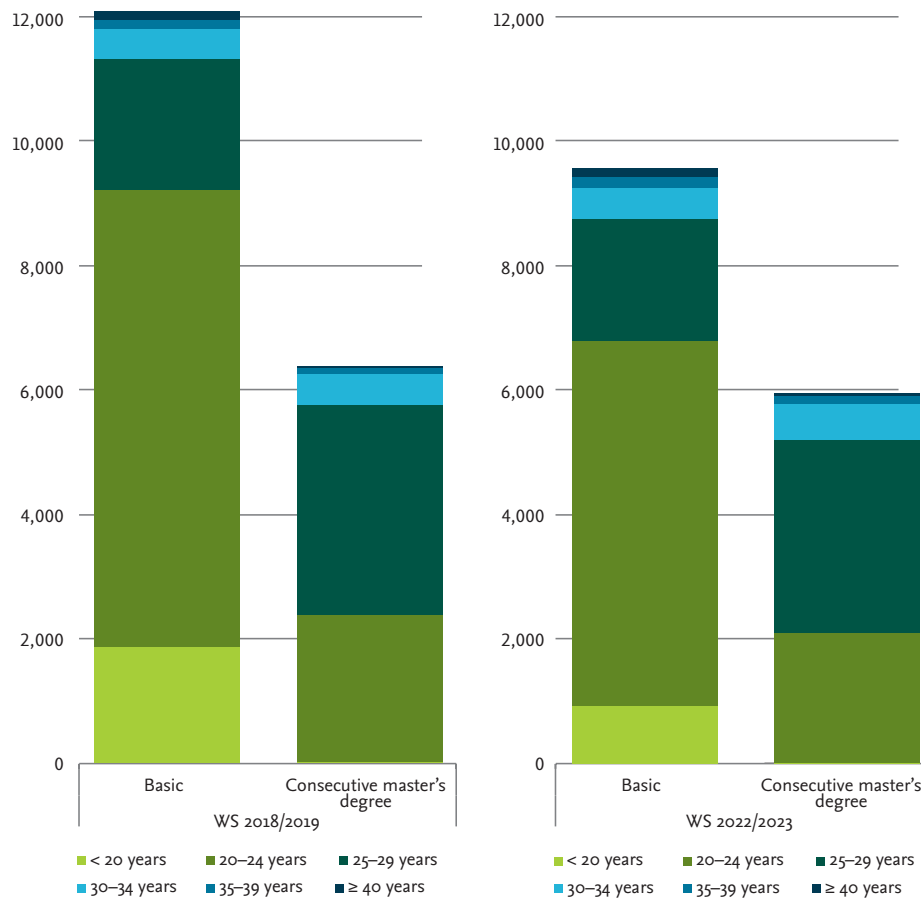
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Development of the total number of students by faculty



For figures, see page 2

Age of the total students by study programmes in the WS 2018/2019 and WS 2022/2023



Basic study programmes

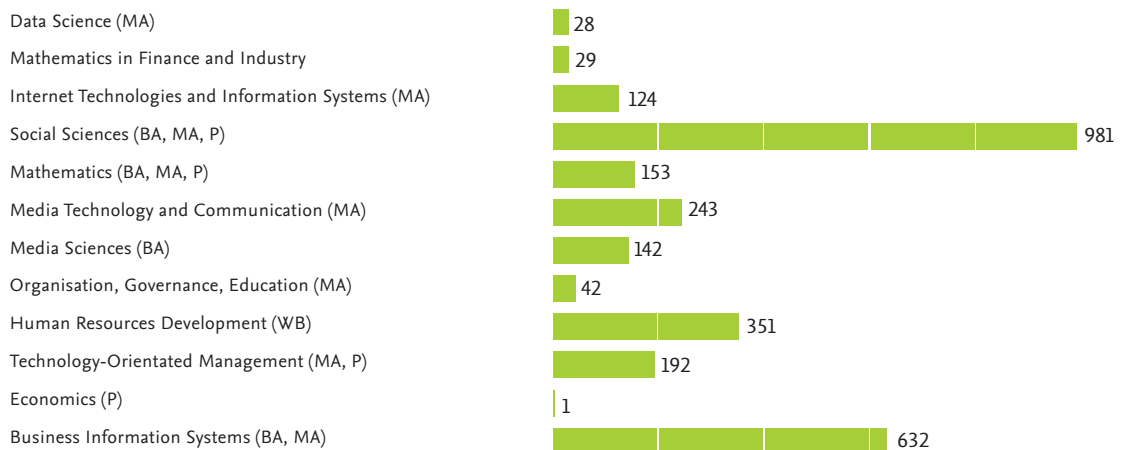
		Age	< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2018/2019	Students		1,850	7,300	2,092	480	149	137	12,008
	Percentage		15.4%	60.6%	17.4%	4.0%	1.2%	1.1%	100.0%
WS 2022/2023	Students		922	5,822	1,955	503	171	147	9,520
	Percentage		9.7%	61.2%	20.5%	5.3%	1.8%	1.5%	100.0%

Consecutive master's degree

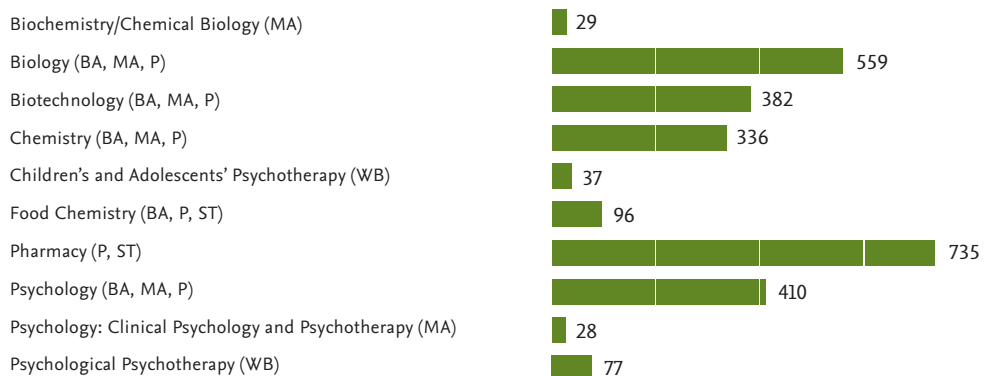
		Age	< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2018/2019	Students		1	2,365	3,356	488	92	33	6,335
	Percentage		0.0%	37.3%	53.0%	7.7%	1.5%	0.5%	100.0%
WS 2022/2023	Students		2	2,077	3,086	582	120	51	5,918
	Percentage		0.0%	35.1%	52.1%	9.8%	2.0%	0.9%	100.0%

Number of students by study programmes in the winter semester 2022/2023

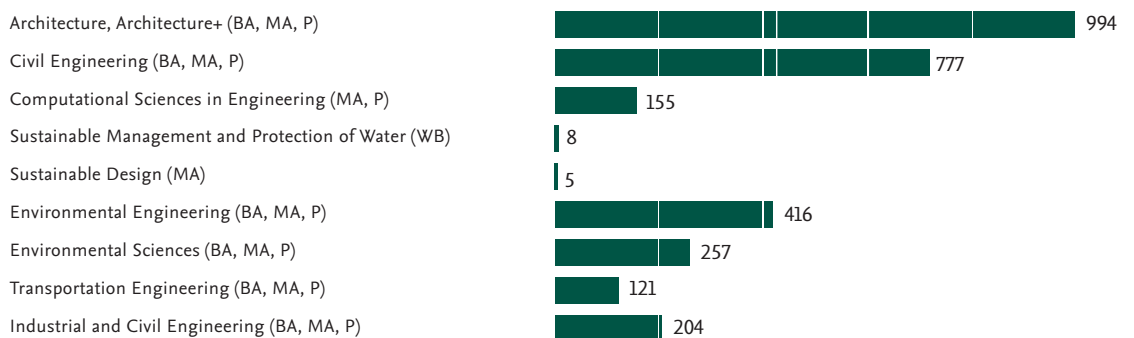
Faculty 1 | Carl-Friedrich-Gauß-Faculty



Faculty 2 | Life Sciences



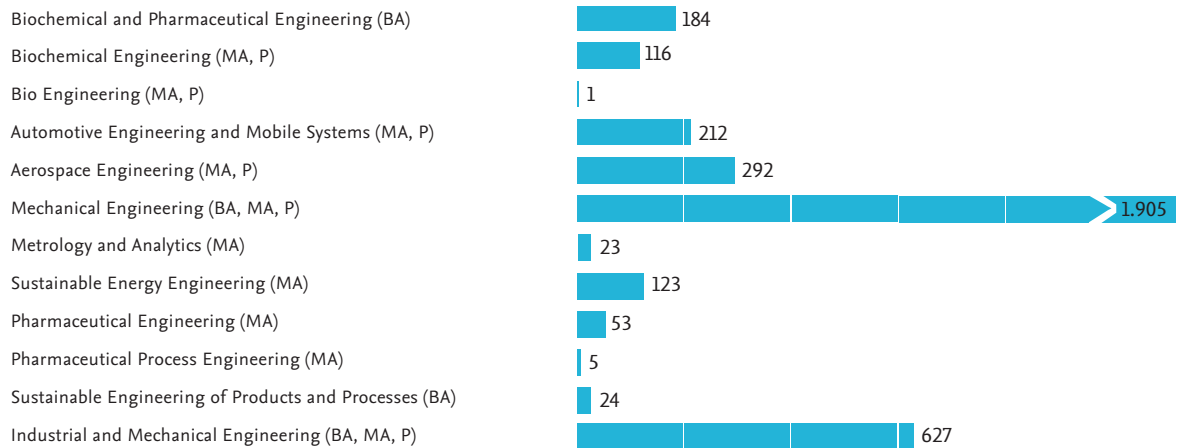
Faculty 3 | Architecture, Civil Engineering and Environmental Sciences



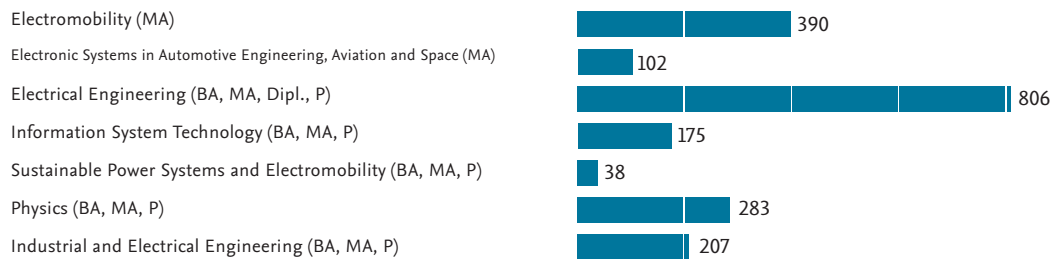
Architecture+: 8 semesters Bachelor's Degree incl. one year abroad

Number of students by study programmes in the winter semester 2022/2023

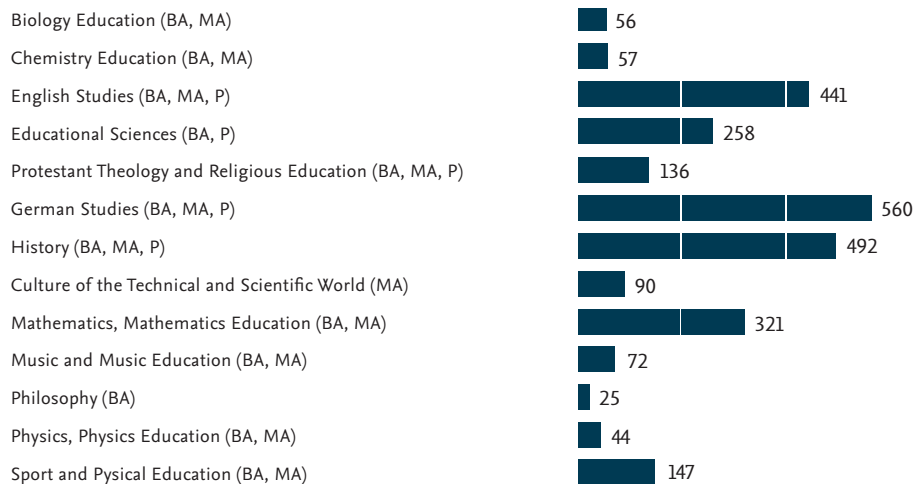
Faculty 4 | Mechanical Engineering



Faculty 5 | Electrical Engineering, Information Technology, Physics



Faculty 6 | Humanities and Educational Sciences

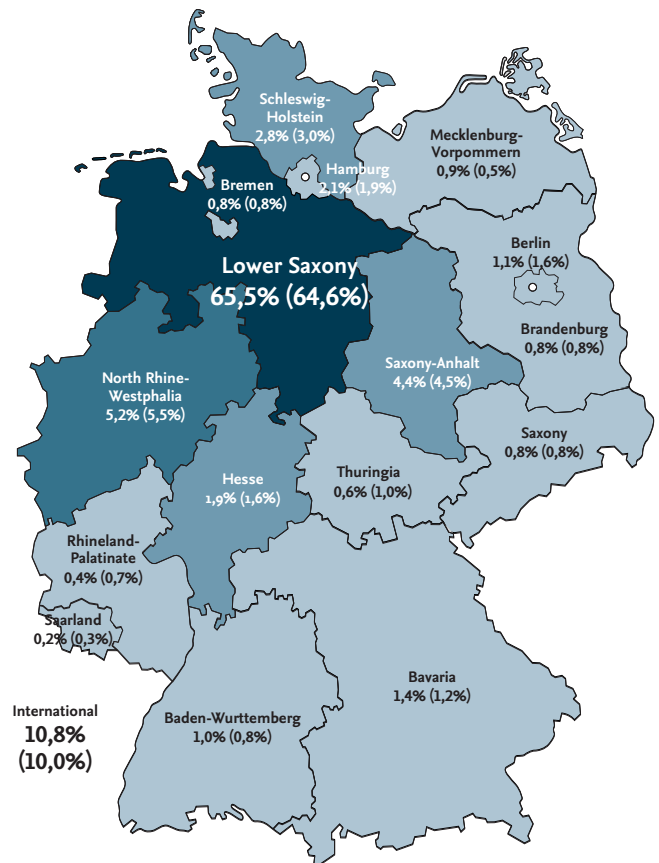
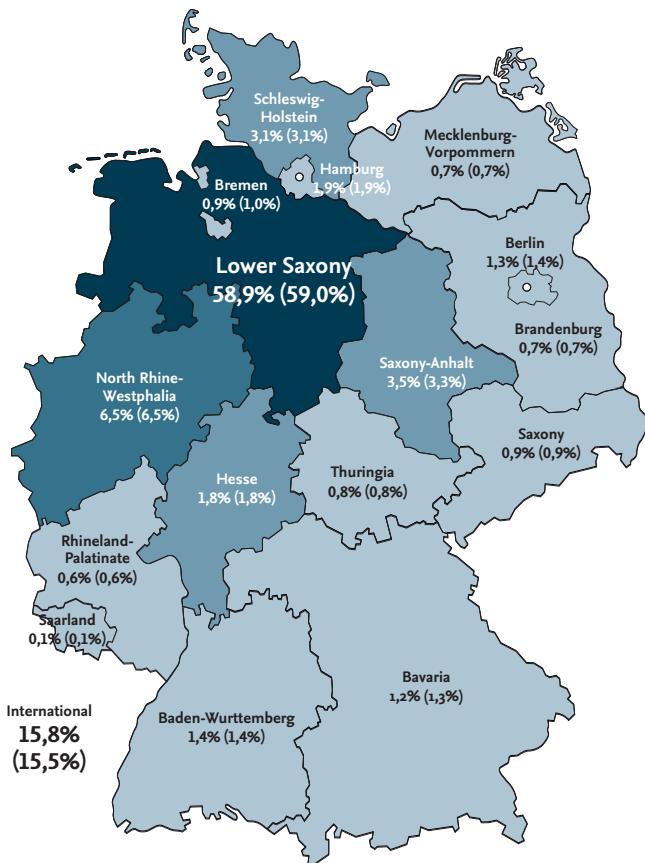


BA Bachelor's Degree/Double
 Dipl. Major Bachelor's Degree Diploma
 MA Master's Degree
 P Doctorate
 ST State examination
 WB Continuing education

Origin* of the students in the winter semester 2022/2023

Students, total

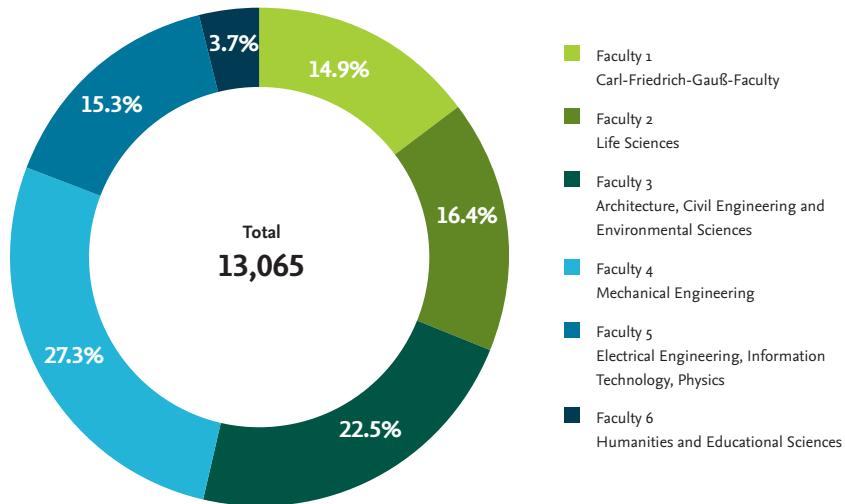
Students in the 1st study semester



© http://www.kartenwelten.de/uploads/media/D_Bundeslaender_01.eps

*Origin refers to the state where the students acquired their university access qualification. (%) prior year's figures

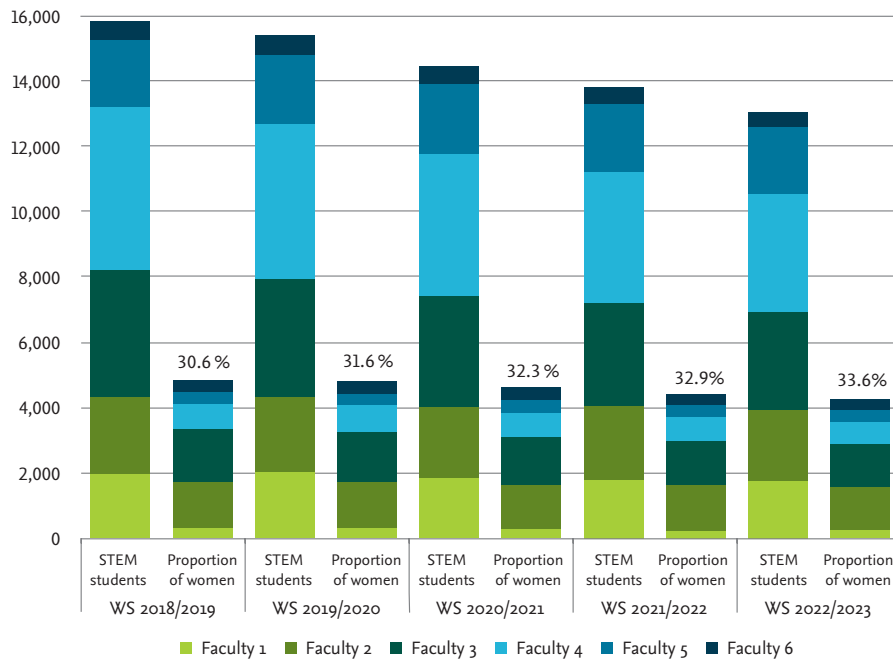
STEM students by faculty in the winter semester 2022/2023



	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
STEM students	1,947	2,137	2,937	3,565	2,001	478	13,065
Percentage*	14.9%	16.4%	22.5%	27.3%	15.3%	3.7%	100.0%

* Total share of STEM students

Development of STEM students by faculty



For figures, see page 2

1.2 Students in the 1st study semester

Students in the 1st study semester (FS) for the reporting years* 2018 bis 2022

2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	1,149	766	1,019	1,147	611	1,024	5,716
Women	450	496	447	208	136	726	2,463
STEM	737	637	1,019	1,147	611	236	4,387
STEM women	197	386	447	208	136	163	1,537

2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	1,131	789	874	1,080	718	979	5,571
Women	440	515	414	237	128	721	2,455
STEM	767	660	874	1,080	718	205	4,304
STEM women	218	405	414	237	128	148	1,550

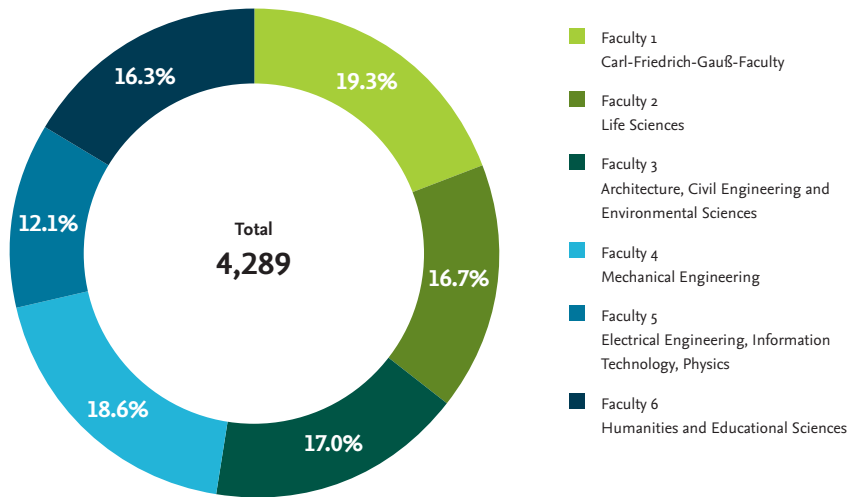
2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	924	718	798	978	624	791	4,833
Women	393	468	337	174	129	573	2,074
STEM	639	589	798	978	624	177	3,805
STEM women	197	362	337	174	129	112	1,311

2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	915	755	798	834	557	804	4,663
Women	327	523	363	165	89	579	2,046
STEM	645	603	798	834	557	183	3,620
STEM women	162	393	363	165	89	126	1,298

2022							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	827	715	729	797	520	701	4,289
Women	297	481	350	169	88	501	1,886
STEM	620	547	729	797	520	126	3,339
STEM women	171	339	350	169	88	84	1,201

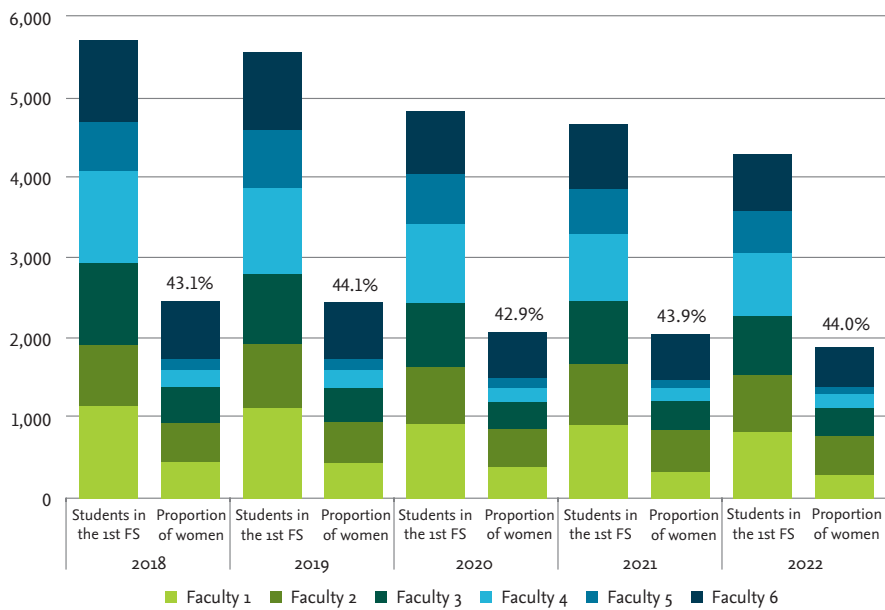
* Reporting year: Summer semester plus subsequent winter semester (e.g. reporting year, 2022: SuSe 2022 + WS 2022/2023)

Students in the 1st study semester by faculty in the reporting year 2022



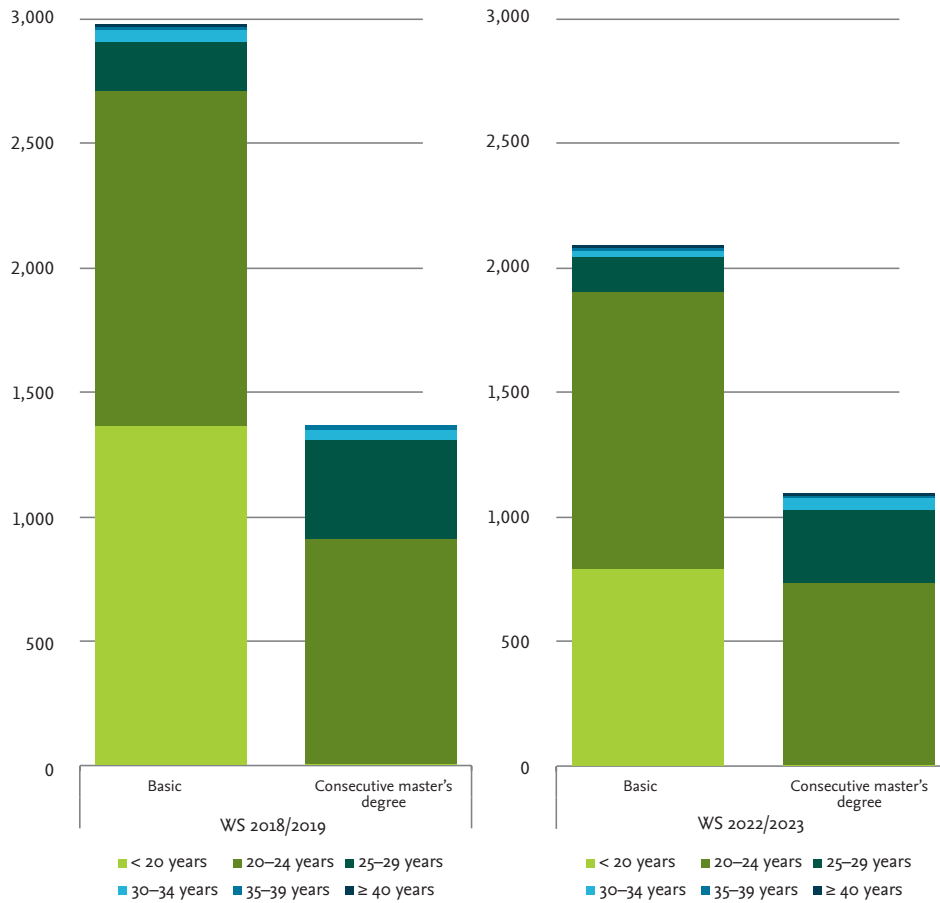
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	827	715	729	797	520	701	4,289
Percentage	19.3%	16.7%	17.0%	18.6%	12.1%	16.3%	100.0%

Development of students in the 1st study semester by faculty per reporting year



For figures, see page 10

**Age of students in the 1st study semester by study programmes
in the WS 2018/2019 and WS 2022/2023**



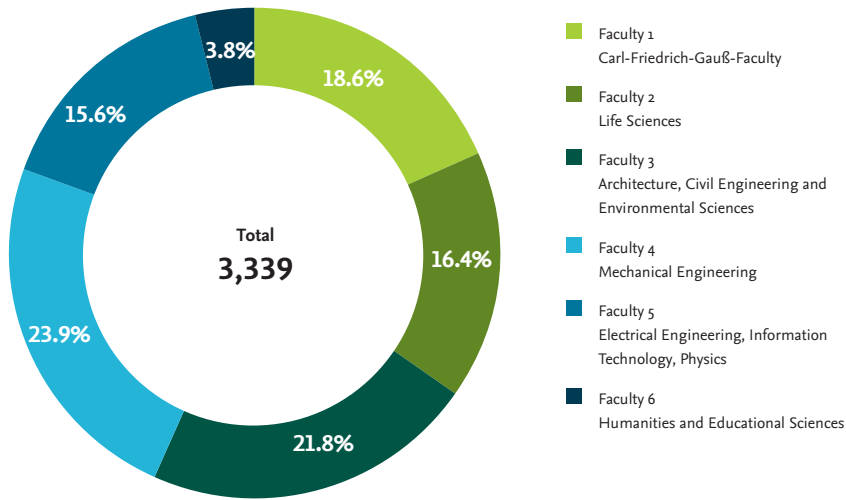
Basic study programmes

Age		< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2018/2019	Students in the 1st FS	1,348	1,336	198	47	10	13	2,952
	Percentage	45.7%	45.3%	6.7%	1.6%	0.3%	0.4%	100.0%
WS 2022/2023	Students in the 1st FS	782	1,107	138	26	11	12	2,076
	Percentage	37.7%	53.3%	6.6%	1.3%	0.5%	0.6%	100.0%

Consecutive master's degree

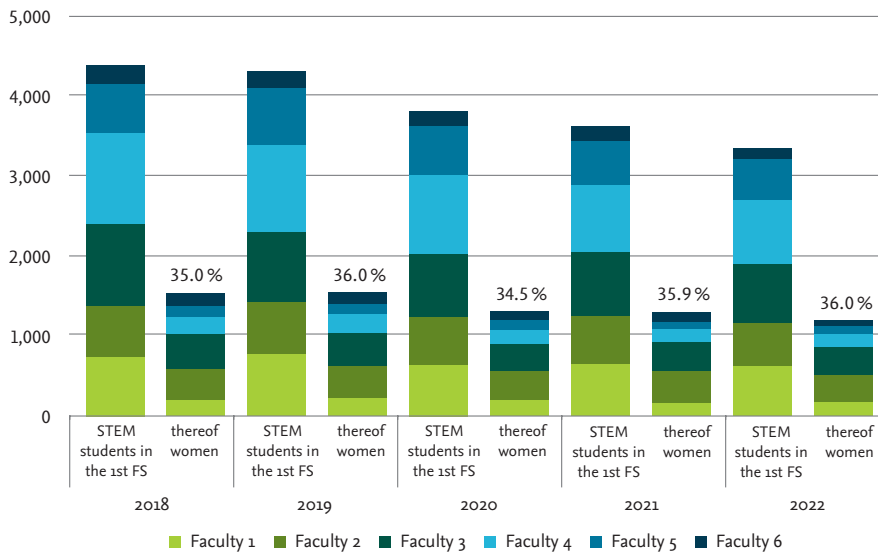
Age		< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2018/2019	Students in the 1st FS	1	897	394	42	16		1,350
	Percentage	0.0%	66.4%	29.2%	3.1%	1.2%	0.0%	100.0%
WS 2022/2023	Students in the 1st FS	2	727	291	45	10	10	1,085
	Percentage	0.0%	67.0%	26.8%	4.1%	0.9%	0.9%	100.0%

STEM students in the 1st study semester by faculty in the reporting year 2022



For figures, see page 10

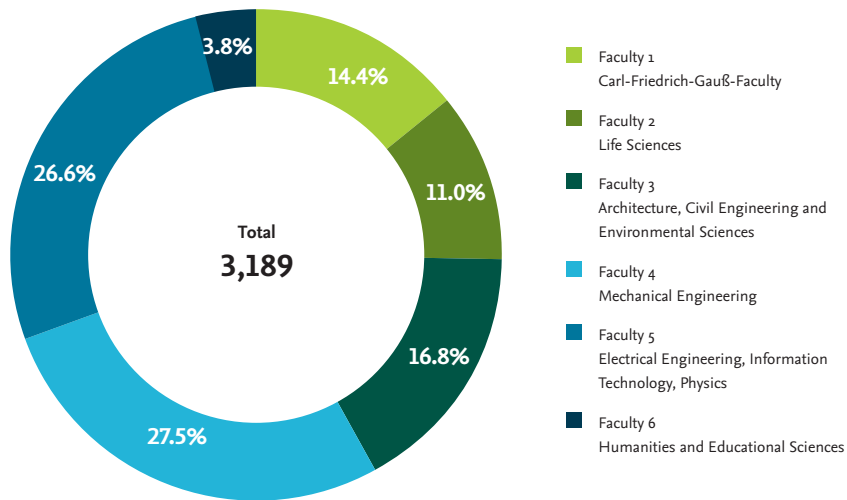
Development of STEM students in the 1st study semester by faculty per reporting year



For figures, see page 10

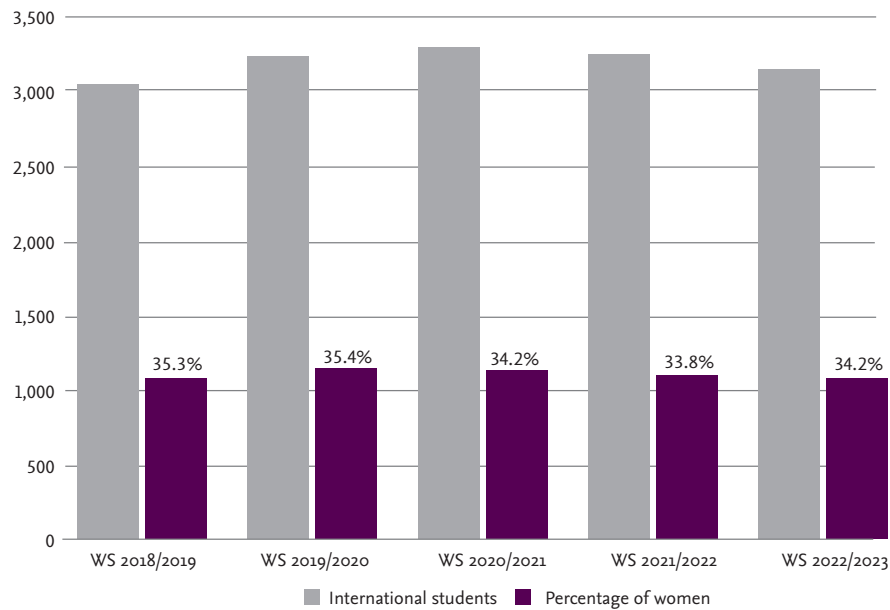
1.3 International Students

International students in the winter semester 2022/2023



For figures, see page 15

Development of international students



	WS 2018/2019	WS 2019/2020	WS 2020/2021	WS 2021/2022	WS 2022/2023
International students, total	3,090	3,277	3,339	3,294	3,189
Women	1,092	1,160	1,141	1,112	1,090
Percentage of women	35.3%	35.4%	34.2%	33.8%	34.2%

Development of international students by faculty

WS 2018/2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,430	2,834	3,800	4,927	2,031	2,958	19,980
International students	398	293	667	1,009	552	171	3,090
Percentage*	11.6%	10.3%	17.6%	20.5%	27.2%	5.8%	15.5%
Woman among total students	1,257	1,833	1,577	780	347	2,087	7,881
Women among international students	177	190	233	228	125	139	1,092
Percentage*	14.1%	10.4%	14.8%	29.2%	36.0%	6.7%	13.9%

WS 2019/2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,555	2,767	3,553	4,659	2,103	3,057	19,694
International students	452	303	647	1,027	680	168	3,277
Percentage*	12.7%	11.0%	18.2%	22.0%	32.3%	5.5%	16.6%
Woman among total students	1,343	1,789	1,531	788	348	2,156	7,955
Women among international students	212	200	237	234	139	138	1,160
Percentage*	15.8%	11.2%	15.5%	29.7%	39.9%	6.4%	14.6%

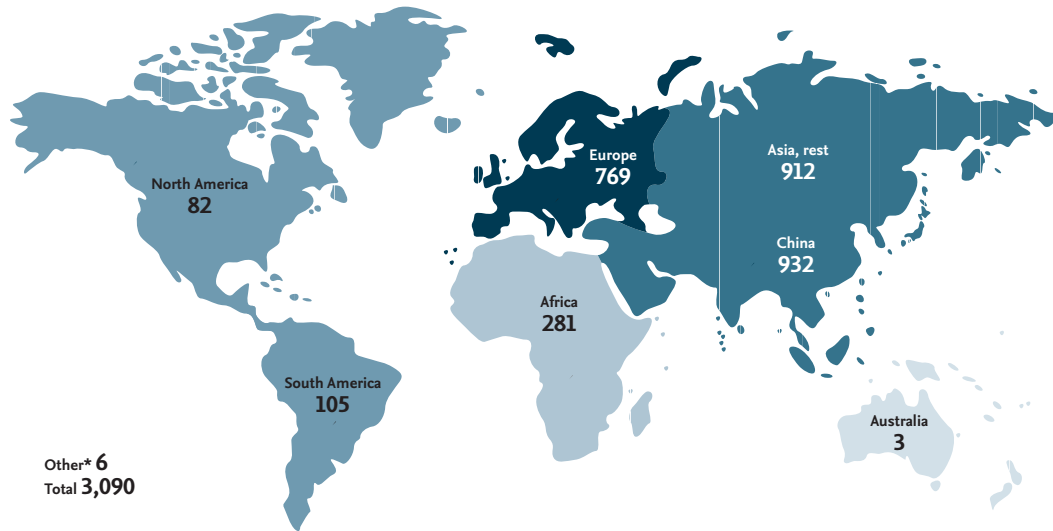
WS 2020/2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,250	2,645	3,314	4,282	2,112	2,963	18,566
International students	455	285	629	971	845	154	3,339
Percentage*	14.0%	10.8%	19.0%	22.7%	40.0%	5.2%	18.0%
Woman among total students	1,232	1,755	1,435	752	381	2,075	7,630
Women among international students	209	192	225	213	176	126	1,141
Percentage*	17.0%	10.9%	15.7%	28.3%	46.2%	6.1%	15.0%

WS 2021/2022							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,102	2,709	3,120	3,921	2,055	2,887	17,794
International students	464	332	603	911	848	136	3,294
Percentage*	15.0%	12.3%	19.3%	23.2%	41.3%	4.7%	18.5%
Woman among total students	1,129	1,794	1,341	716	355	2,031	7,366
Women among international students	193	225	218	209	157	110	1,112
Percentage*	17.1%	12.5%	16.3%	29.2%	44.2%	5.4%	15.1%

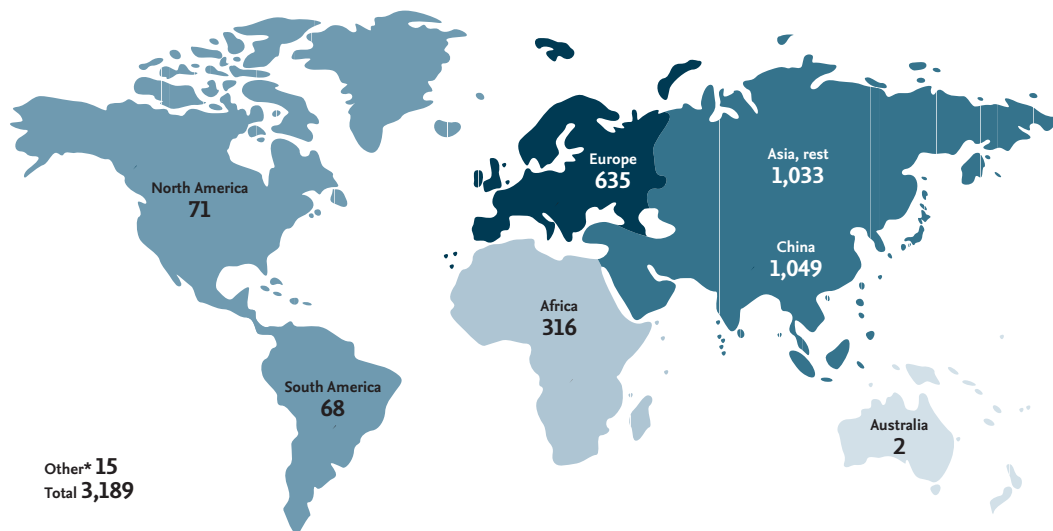
WS 2022/2023							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	2,918	2,689	2,937	3,565	2,001	2,699	16,809
International students	458	351	537	876	847	120	3,189
Percentage*	15.7%	13.1%	18.3%	24.6%	42.3%	4.4%	19.0%
Woman among total students	1,042	1,785	1,278	662	367	1,875	7,009
Women among international students	182	249	196	203	164	96	1,090
Percentage*	17.5%	13.9%	15.3%	30.7%	44.7%	5.1%	15.6%

*of the respective total number of students

Origin of the international students in the winter semester 2018/2019



Origin of the international students in the winter semester 2022/2023

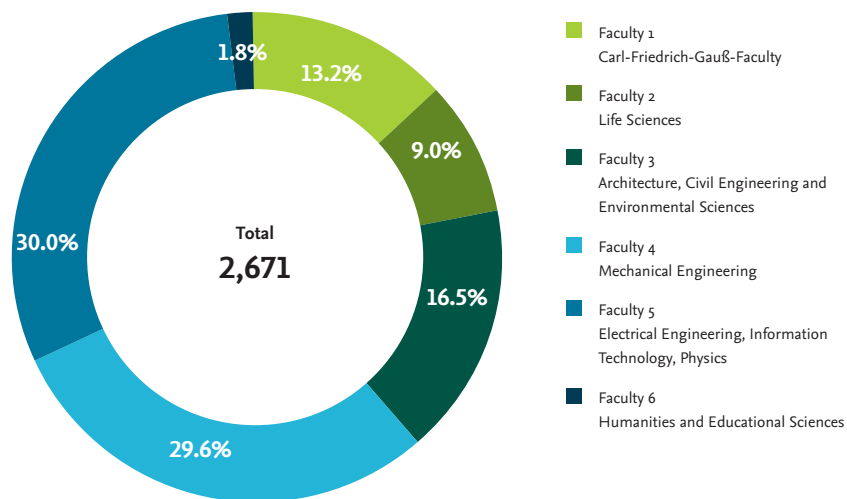


*without nationality, undetermined

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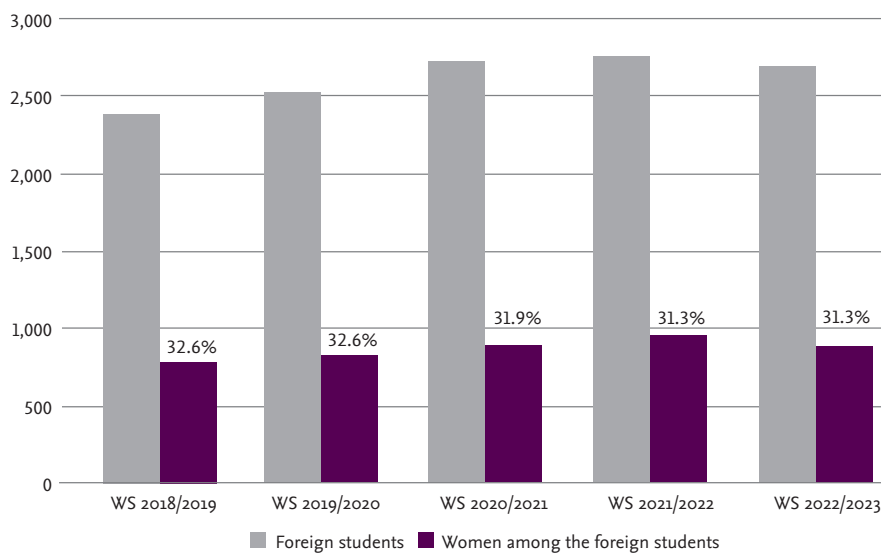
1.4 Foreign students

Foreign students* in the winter semester 2022/2023



For figures, see page 18

Development of foreign students



	WS 2018/2019	WS 2019/2020	WS 2020/2021	WS 2021/2022	WS 2022/2023
Foreign students	2,519	2,718	2,821	2,770	2,671
Women among the foreign students	820	885	899	866	835
Percentage	32.6%	32.6%	31.9%	31.3%	31.3%

Development of foreign students by faculty

WS 2018/2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,430	2,834	3,800	4,927	2,031	2,958	19,980
Foreign students, total	291	242	549	855	510	72	2,519
Percentage*	8.5%	8.5%	14.4%	17.4%	25.1%	2.4%	12.6%
Women among the students, total	1,257	1,833	1,577	780	347	2,087	7,881
Women among the foreign students	128	154	174	188	118	58	820
Percentage*	10.2%	8.4%	11.0%	24.1%	34.0%	2.8%	10.4%

WS 2019/2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,555	2,767	3,553	4,659	2,103	3,057	19,694
Foreign students, total	341	245	531	889	639	73	2,718
Percentage*	9.6%	8.9%	14.9%	19.1%	30.4%	2.4%	13.8%
Women among the students, total	1,343	1,789	1,531	788	348	2,156	7,955
Women among the foreign students	158	160	179	199	131	58	885
Percentage*	11.8%	8.9%	11.7%	25.3%	37.6%	2.7%	11.1%

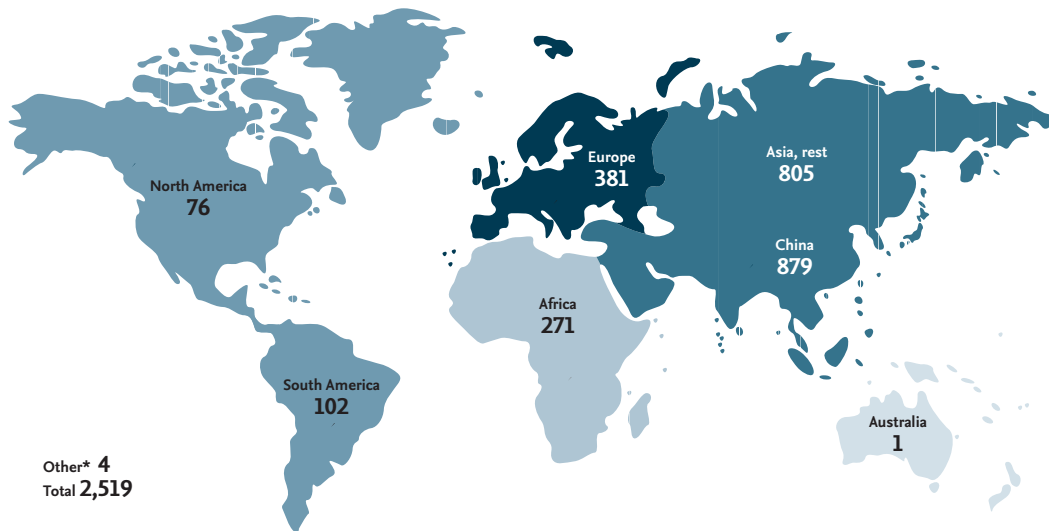
WS 2020/2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,250	2,645	3,314	4,282	2,112	2,963	18,566
Foreign students, total	348	219	520	862	805	67	2,821
Percentage*	10.7%	8.3%	15.7%	20.1%	38.1%	2.3%	15.2%
Women among the students, total	1,232	1,755	1,435	752	381	2,075	7,630
Women among the foreign students	165	144	178	190	169	53	899
Percentage*	13.4%	8.2%	12.4%	25.3%	44.4%	2.6%	11.8%

WS 2021/2022							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,102	2,709	3,120	3,921	2,055	2,887	17,794
Foreign students, total	350	242	497	813	808	60	2,770
Percentage*	11.3%	8.9%	15.9%	20.7%	39.3%	2.1%	15.6%
Women among the students, total	1,129	1,794	1,341	716	355	2,031	7,366
Women among the foreign students	151	156	169	192	150	48	866
Percentage*	13.4%	8.7%	12.6%	26.8%	42.3%	2.4%	11.8%

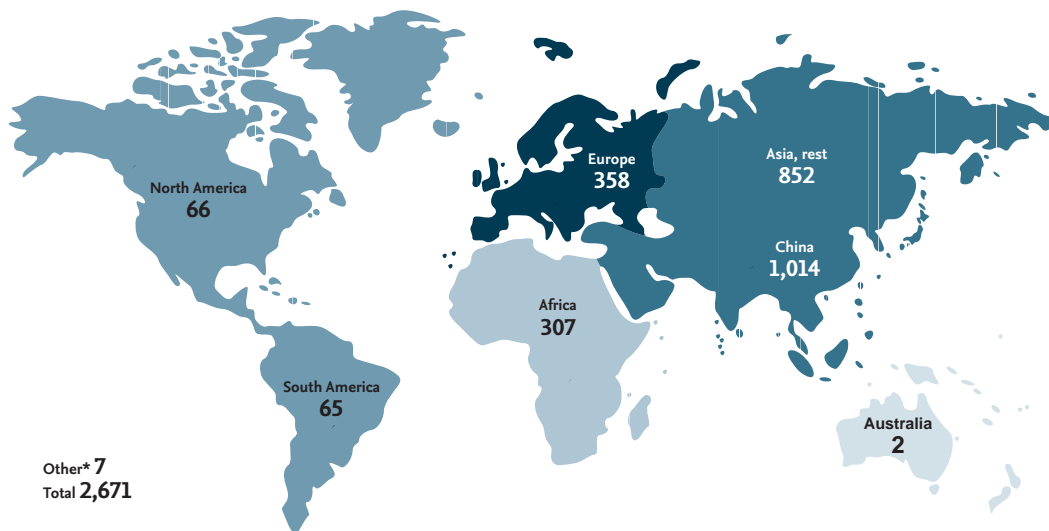
WS 2022/2023							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	2,918	2,689	2,937	3,565	2,001	2,699	16,809
Foreign students, total	352	241	440	790	800	48	2,671
Percentage*	12.1%	9.0%	15.0%	22.2%	40.0%	1.8%	15.9%
Women among the students, total	1,042	1,785	1,278	662	367	1,875	7,009
Women among the foreign students	140	162	152	187	156	38	835
Percentage*	13.4%	9.1%	11.9%	28.2%	42.5%	2.0%	11.9%

*to the respective total number of students

Origin of the foreign students in the winter semester 2018/2019



Origin of the foreign students in the winter semester 2022/2023

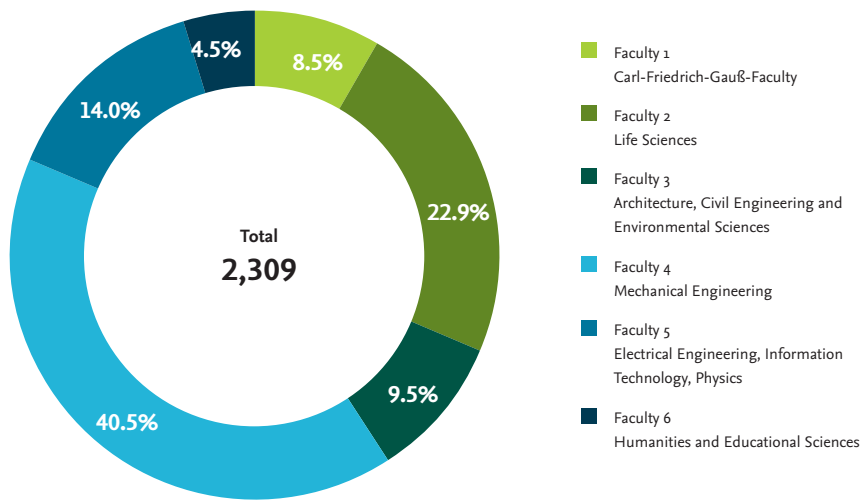


*without nationality, undetermined

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2 Doctoral candidates

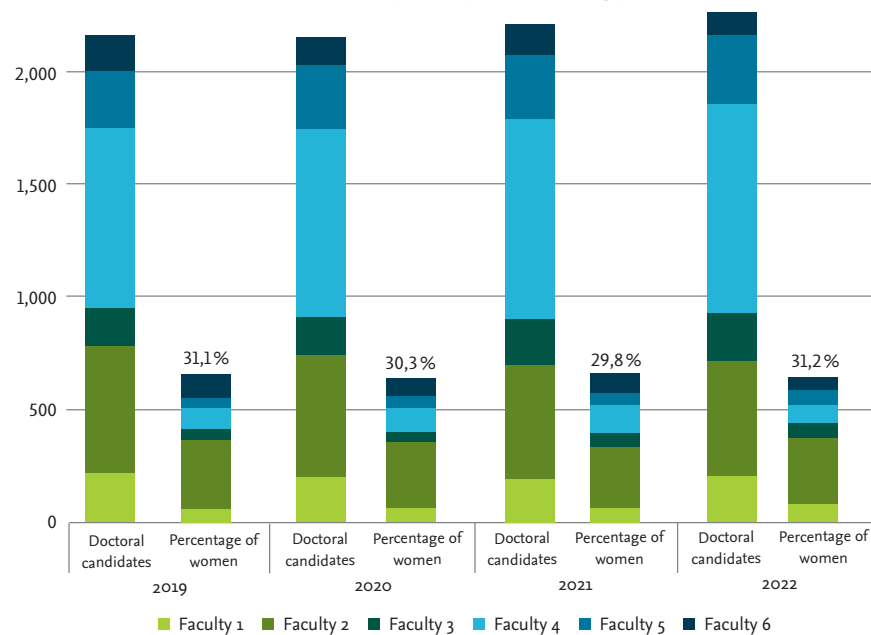
2.1 Doctoral candidates, total



	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	197	529	219	935	324	105	2,309
Percentage	8,5%	22,9%	9,5%	40,5%	14,0%	4,5%	100,0%

Source: University finance statistics from the Federal Office of Statistics
 Status: December 31st, 2022

Development of doctoral candidates by faculty per reporting year



For figures, see page 21

Development of doctoral candidates by faculty

2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	218	565	172	801	252	165	2,173
International doctoral candidates	21	113	63	94	64	18	373
Percentage*	9.6%	20.0%	36.6%	11.7%	25.4%	10.9%	17.2%
Women among the doctoral candidates	64	302	53	100	46	111	676
Women among the international doctoral candidates	8	65	21	17	19	15	145
Percentage*	12.5%	21.5%	39.6%	17.0%	41.3%	13.5%	21.4%

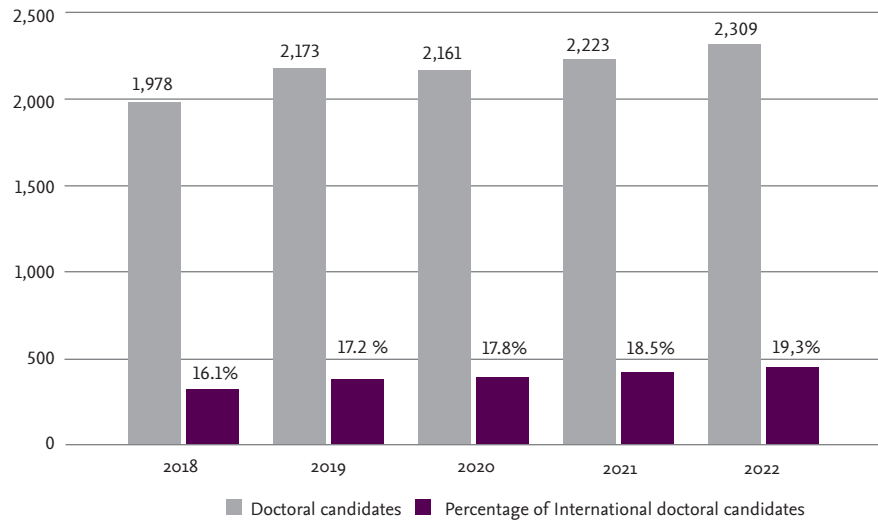
2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	200	543	173	832	286	127	2,161
International doctoral candidates	23	113	59	108	70	12	385
Percentage*	11.5%	20.8%	34.1%	13.0%	24.5%	9.4%	17.8%
Women among the doctoral candidates	62	295	50	109	56	84	656
Women among the international doctoral candidates	9	73	21	20	20	10	153
Percentage*	14.5%	24.7%	42.0%	18.3%	35.7%	11.9%	23.3%

2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	193	505	208	893	286	138	2,223
International doctoral candidates	25	99	69	122	84	12	411
Percentage*	13.0%	19.6%	33.2%	13.7%	29.4%	8.7%	18.5%
Women among the doctoral candidates	61	274	65	122	51	89	662
Women among the international doctoral candidates	9	69	24	28	24	9	163
Percentage*	14.8%	25.2%	36.9%	23.0%	47.1%	10.1%	24.6%

2022							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	197	529	219	935	324	105	2,309
International doctoral candidates	26	108	73	131	100	7	445
Percentage*	13.2%	20.4%	33.3%	14.0%	30.9%	6.7%	19.3%
Women among the doctoral candidates	66	300	71	144	71	69	721
Women among the international doctoral candidates	10	72	26	32	32	4	176
Percentage*	15.2%	24.0%	36.6%	22.2%	45.1%	5.8%	24.4%

*Share in the total number of doctoral candidates

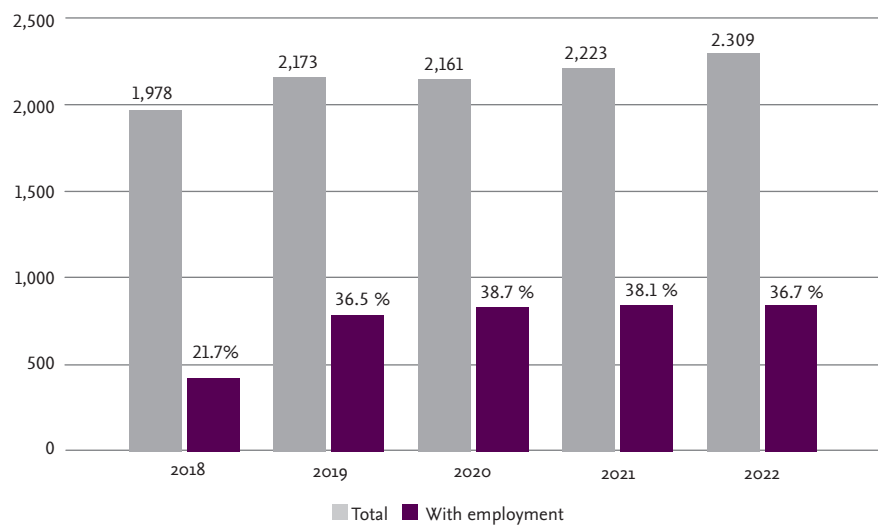
2.2 International doctoral candidates



For figures, see page 21

2.3 Doctoral candidates by employment

Development of doctoral candidates by employment

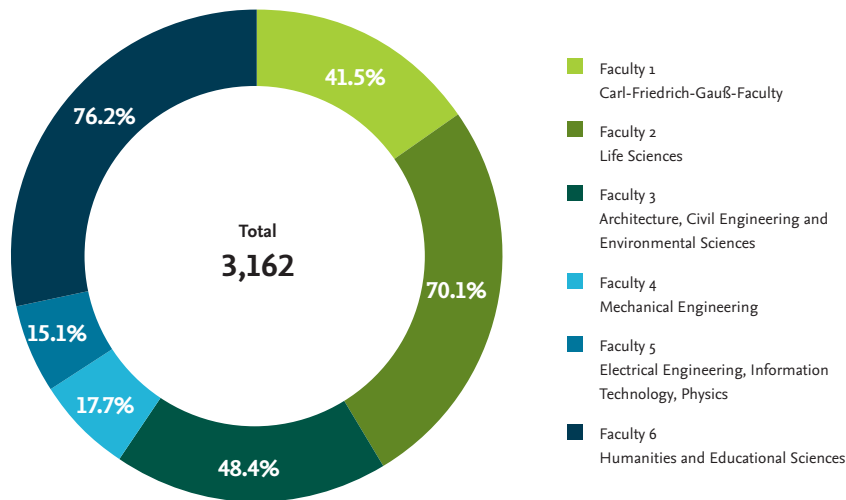


	2018	2019	2020	2021	2022
Total	1,978	2,173	2,161	2,223	2,309
With employment	429	794	836	847	847
Share of employees	21.7%	36.5%	38.7%	38.1%	36.7%

3 Graduates

3.1 Graduates, total

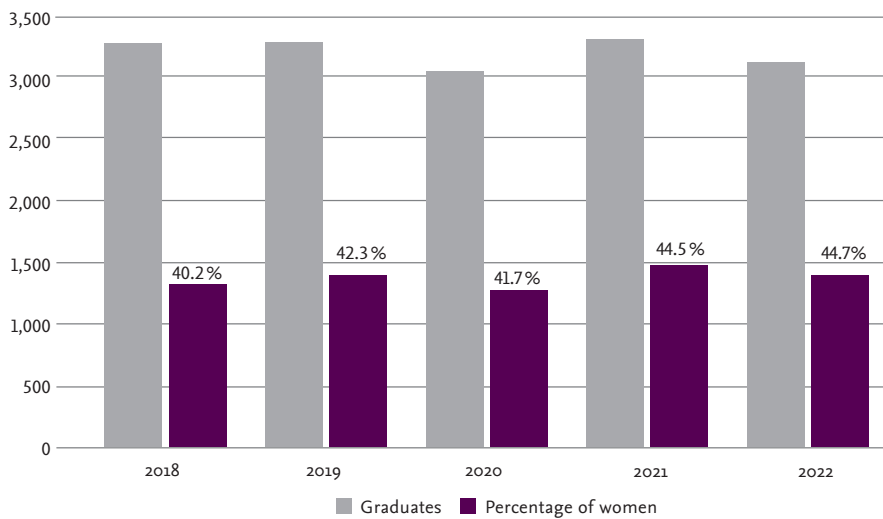
Graduates in the examination year 2022



Graduates including state examination, without doctorates,
Examination year: WS + SuSe (e.g. examination year 2021: WS 2020/2021 + SuSe 2021)

For figures, see page 24

Development of graduates



	2018	2019	2020	2021	2022
Graduates	3,322	3,330	3,087	3,353	3,162
Women	1,336	1,408	1,288	1,492	1,413
Percentage of women	40.2%	42.3%	41.7%	44.5%	44.7%

Graduates including state examination, without doctorates

Development of graduates by faculty

2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	392	458	675	1,028	264	505	3,322
Women among graduates	158	320	271	150	38	399	1,336
Graduates STEM	242	344	675	1,028	264	114	2,667
Women among graduates STEM	67	222	271	150	38	84	832
International graduates STEM	35	16	85	156	48	11	351
Women among international Graduates STEM	18	13	29	32	15	9	116

2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	407	519	717	900	309	478	3,330
Women among graduates	170	357	314	150	53	364	1,408
Graduates STEM	229	414	717	900	309	107	2,676
Women among graduates STEM	63	264	314	150	53	74	918
International graduates STEM	40	21	88	140	68	13	370
Women among international Graduates STEM	22	15	26	39	20	12	134

2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	423	416	671	829	267	481	3,087
Women among graduates	175	276	284	125	50	378	1,288
Graduates STEM	220	328	671	829	267	102	2,417
Women among graduates STEM	49	204	284	125	50	78	790
International graduates STEM	37	26	90	174	58	15	400
Women among international Graduates STEM	17	17	31	33	13	12	123

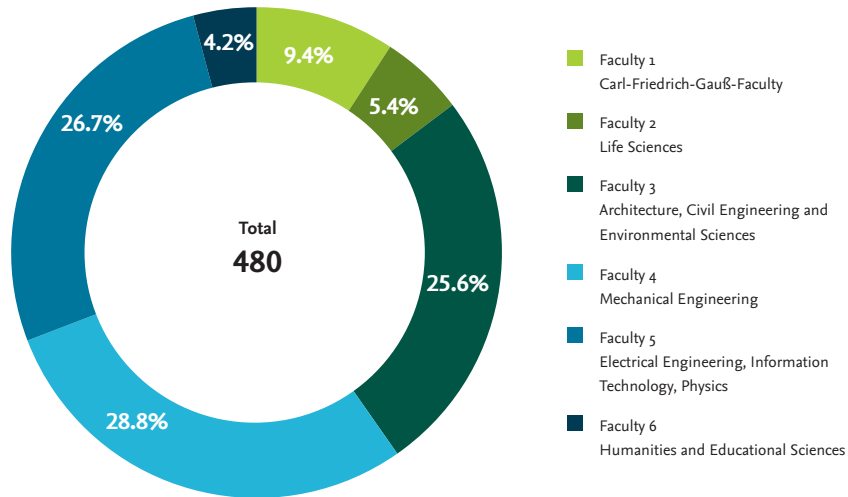
2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	484	443	712	818	337	559	3,353
Women among graduates	205	328	335	140	46	438	1,492
Graduates STEM	257	352	712	818	337	128	2,604
Women among graduates STEM	64	248	335	140	46	95	928
International graduates STEM	40	34	123	150	114	15	476
Women among international Graduates STEM	22	26	47	31	17	13	156

2022							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	426	368	640	757	337	634	3,162
Women among graduates	177	258	310	134	51	483	1,413
Graduates STEM	245	288	640	757	337	146	2,413
Women among graduates STEM	55	186	310	134	51	103	839
International graduates STEM	45	26	123	138	128	20	480
Women among international Graduates STEM	28	17	43	31	20	16	155

Graduates including state examination, without doctorates
 Examination year: WS + SuSe (e.g. examination year 2022: WS 2021/2022 + SoSe 2022)

3.2 International Graduates

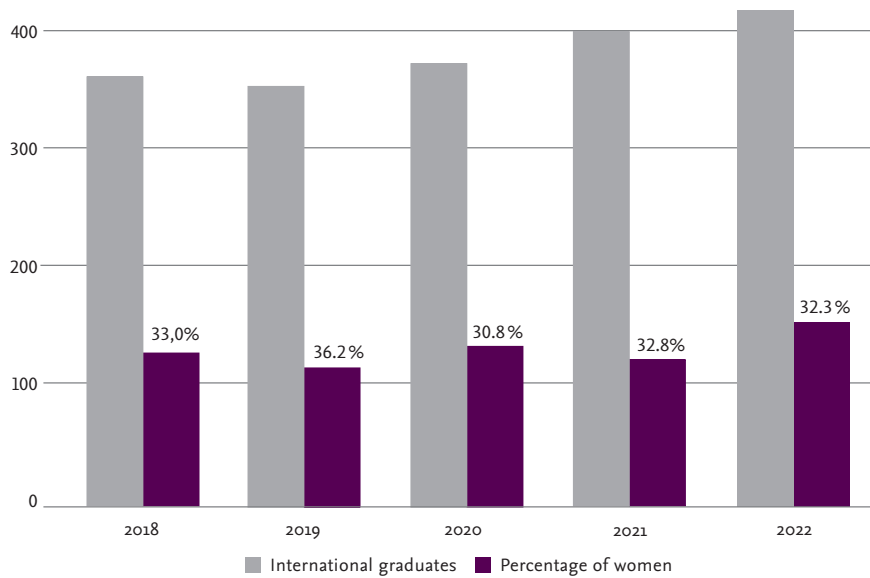
International graduates in the reporting year 2022



Graduates including state examination, no doctorates
Examination year: WS + SuSe (e.g. examination year 2022: WS 2021/2022 + SuSe 2022)

For figures, see page 24

Development of international graduates

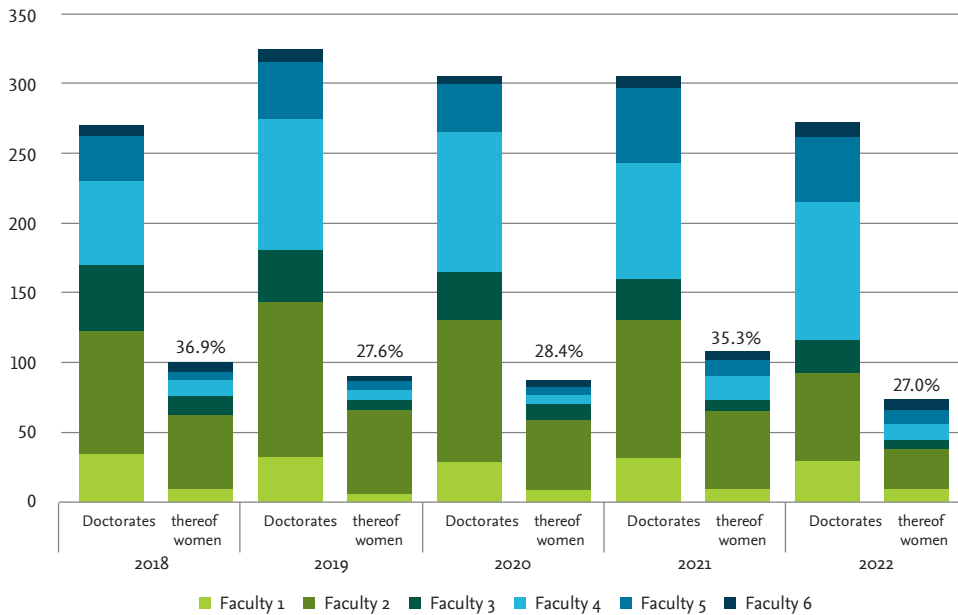


	2018	2019	2020	2021	2022
International graduates	351	370	400	476	480
including women	116	134	123	156	155
Percentage of women	33.0%	36.2%	30.8%	32,8%	32.3%

International graduates including state examination, no doctorates

3.3 Doctorates

Development of number of acquired doctorates



		Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
2018	Doctorates	34	87	47	60	32	8	268
	by women	9	52	14	11	6	7	99
2019	Doctorates	32	110	37	93	41	9	322
	by women	5	60	7	7	7	3	89
2020	Doctorates	28	101	34	100	34	6	303
	by women	8	50	11	7	5	5	86
2021	Doctorates	31	98	29	83	53	9	303
	by women	9	55	8	17	12	6	107
2022	Doctorates	29	62	24	98	46	11	270
	by women	9	28	7	11	10	8	73

Examination year: WS + SuSe (e.g. examination year 2022: WS 2021/2022 + SuSe 2022)

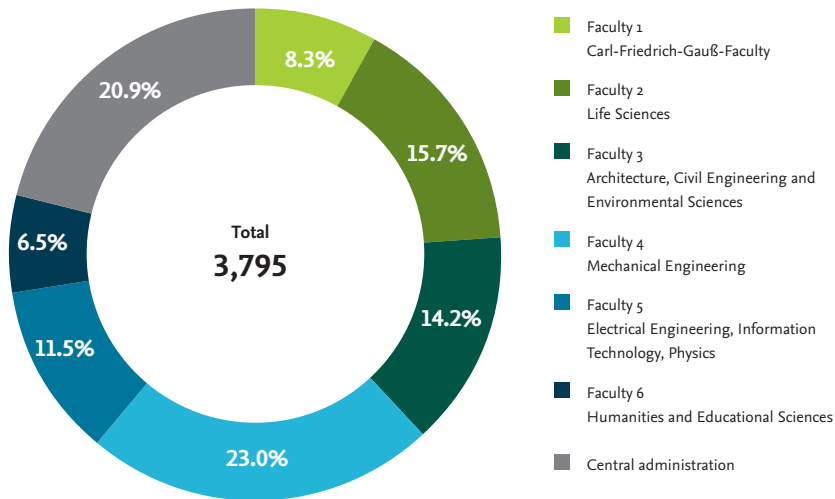
3.4 Postdoctoral degrees

Development of the number of acquired postdoctoral degrees

	2018	2019	2020	2021	2022
Postdoctoral degrees	4	8	5	2	5
by women	0	1	3	0	3

4 Staff

Full-time staff members in the year 2022 (head count)

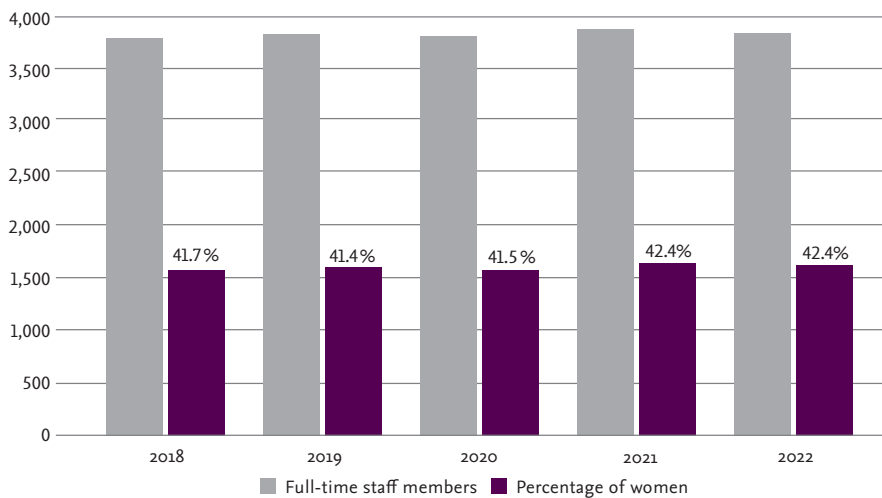


2022

	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Central administration	Total
Full-time staff	314	595	537	874	437	246	792	3,795
Percentage*	8.3%	15.7%	14.2%	23.0%	11.5%	6.5%	20.9%	100.0%

Source: University statistics 2021; State Statistical Office for Lower Saxony (LSN) | Deadline: December 1st, 2022

Development of full-time staff members



	2018	2019	2020	2021	2022
Full-time staff members	3,747	3,791	3,768	3,834	3,795
Women	1,564	1,568	1,565	1,624	1,608
Percentage of women*	41.7%	41.4%	41.5%	42.4%	42.4%

* to the respective total number of full-time staff members

Development of full-time staff members by faculty

2018								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	343	622	520	869	408	233	752	3,747
Women	123	341	210	208	102	150	430	1,564
Percentage of women*	35.9%	54.8%	40.4%	23.9%	25.0%	64.4%	57.2%	41.7%

2019								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	329	623	524	885	431	234	765	3,791
Women	115	344	197	210	108	151	443	1,568
Percentage of women*	35.0%	55.2%	37.6%	23.7%	25.1%	64.5%	57.9%	41.4%

2020								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	334	616	527	876	422	228	765	3,768
Women	118	343	200	208	109	148	439	1,565
Percentage of women*	35.3%	55.7%	38.0%	23.7%	25.8%	64.9%	57.4%	41.5%

2021								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	329	613	536	903	434	240	779	3,834
Women	119	348	208	236	114	157	442	1,624
Percentage of women*	36.2%	56.8%	38.8%	26.1%	26.3%	65.4%	56.7%	42.4%

2022								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	314	595	537	874	437	246	792	3,795
Women	111	341	206	231	120	158	441	1,608
Percentage of women*	35.4%	57.3%	38.4%	26.4%	27.5%	64.2%	55.7%	42.4%

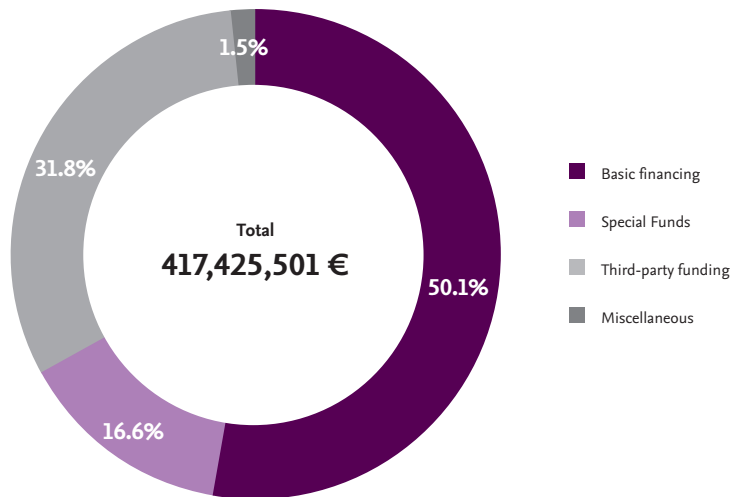
* to the respective total number of full-time staff members

Full-time staff members in 2022 by staff groups

Full-time staff members	Women	Percentage	Men	Percentage	Total
Professors	59	24.4%	183	75.6%	242
Scientific staff	681	33.1%	1,379	66.9%	2,060
Staff members in technology and administration	842	59.4%	576	40.6%	1,418
Trainees	26	34.7%	49	65.3%	75
Total	1,608	42.4%	2,187	57.6%	3,795

5 Finances

Finance volume in 2022



Source: Profit and loss statement (PaL), see page 31

Development of income by origin of funds in 2018 to 2022

	2018	2019	2020	2021	2022
Continuous grant from the state of Lower Saxony	191,496,599	202,559,416	203,211,014	208,084,739	209,164,047
Special funds of the State	47,995,546	52,896,405	56,785,060	55,569,143	69,367,810
<i>Funds from Hochschulpakt 2021</i>	15,148,032	20,397,663	21,722,887	18,618,812	12,714,475
<i>The Future Contract for Strengthening Studying and Teaching in Higher Education</i>	-	-	-	3,177,150	7,346,094
<i>Government funding for educational quality</i>	13,764,382	13,242,822	11,704,864	10,979,497	10,934,759
<i>Other special funds</i>	19,083,132	19,255,920	23,357,309	22,793,684	38,372,482
Third-party funding	101,570,913	116,833,142	115,926,772	123,637,375	132,596,456
<i>Grant research</i>	76,625,154	90,391,535	94,558,995	104,801,151	113,379,754
<i>Contract research</i>	22,833,016	24,366,055	17,092,476	17,130,666	17,272,767
<i>Donations, scholarships and sponsoring</i>	1,038,058	907,874	3,682,521	1,017,973	1,124,480
<i>Continuing education</i>	1,074,685	1,167,678	592,780	687,585	819,456
Other	8,480,594	7,586,188	5,754,793	5,799,721	6,297,188
<i>Change in inventory of semi-finished products</i>	264,581	-379,077	-1,149,049	-1,343,248	-1,809,183
Total	349,543,653	379,875,150	381,677,640	393,090,978	417,425,501
Percentage of third-party funding	29.1%	30.8%	30.4%	31.5%	31.8%

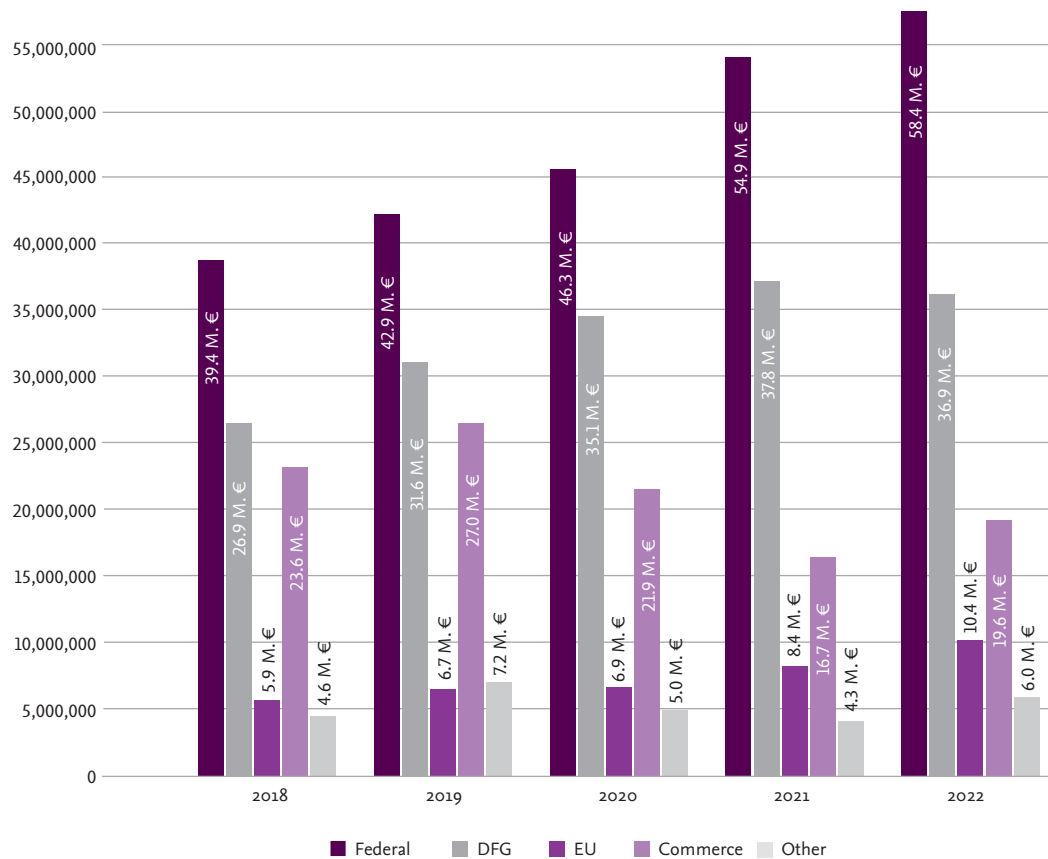
Source: Profit and loss statement (PaL), see page 31

5.1 Origin of third-party funding

	2018	2019	2020	2021	2022
Federal	39,436,415 €	42,935,535 €	46,269,097 €	54,900,040 €	58,430,161 €
DFG	26,942,351 €	31,595,679 €	35,135,430 €	37,824,629 €	36,861,377 €
EU	5,861,681 €	6,663,558 €	6,852,744 €	8,436,387 €	10,412,702 €
Commerce	23,574,185 €	26,973,209 €	21,913,576 €	16,755,885 €	19,594,559 €
Other	4,582,850 €	7,210,491 €	5,010,258 €	4,290,474 €	6,025,279 €
Total	100,397,482 €	115,378,472 €	115,181,105 €	122,207,415 €	131,324,078 €

Source: University finance statistics from the Federal Office of Statistics | Status: December 31st, one year
 Deviations between the third-party funding data result from different definitions in the Federal PaL and the University finance statistics.

Origin of third-party funding



5.2 Profit and loss statement (PaL)

1st January to 31st December 2021 (as of: 16th September 2023)	31th Dec 2022		31th Dec 2021	
	EUR	EUR	EUR	EUR
1. Income from assignments and grant for current expenses				
a) from the State of Lower Saxony from subject chapters funds	206,132,046.98		206,206,739.46	
b) from the State of Lower Saxony from special funds	54,505,762.15		42,847,556.58	
c) from other grant providers	99,236,004.13	359,873,813.26	94,066,712.24	343,121,008.28
2. Income from assignments and subsidies for financing investments				
a) from the State of Lower Saxony from subject chapters funds	3,032,000.00		1,878,000.00	
b) from the State of Lower Saxony from special funds	14,862,048.22		12,721,586.54	
c) from other grant providers	14,143,749.50	32,037,797.72	10,734,438.71	25,334,025.25
3. Income from study fees and long-term study fees		633,750.00		560,750.00
4. Turnover revenues				
a) Income from third-party orders	17,272,766.80		17,130,666.16	
b) Income from continuing education	819,456.00		687,584.97	
c) Other income	5,500,647.56	23,592,870.36	5,154,575.89	22,972,827.02
5. Reduction of the inventory of semi-finished products		-1,809,183.35		-1,343,248.40
6. Other operational income				
a) Income from scholarships	450,854.86		486,734.57	
b) Income from donations and sponsoring	673,625.12		531,238.33	
c) Other operating income	33,680,231.12	34,804,711.10	31,175,672.08	32,193,644.98
– including income from dissolution of the special item for investment grants – EUR 29,748,028.84 (PY EUR 28,052,410.67) –				
– including income from the dissolution of the special item for study fees EUR 0.00 (PY EUR 0.00) –				
		449,133,759.09		422,839,007.13
7. Material expenses/expenses for services received				
a) Expenses for raw, auxiliary and operating materials and other materials	8,745,394.26		8,953,748.28	
b) Expenses for services received	6,735,634.29	15,481,028.55	5,706,269.34	14,660,017.62
8. Funding for staff				
a) Compensation, salaries and remuneration packages	198,447,393.92		201,590,467.25	
b) Social security contributions and expenses for old-age pensions and support	59,195,635.10	257,643,029.02	58,135,115.31	259,725,582.56
– including for old-age pensions EUR 22,615,698.69 (PY EUR 22,059,029.41) –				
9. Depreciations for intangible assets of the investments and fixed assets		31,121,951.09		29,208,131.29
10. Other operating expenses				
a) Management of the buildings and facilities	14,080,026.62		15,180,238.86	
b) Energy, water, sewage and disposal	10,162,688.57		10,773,227.32	
c) Other personnel expenses and teaching assignments	5,729,087.43		2,940,359.72	
d) Use of rights and services	28,899,714.24		28,315,610.18	
e) Business needs and communication	1,158,501.90		993,327.98	
f) Student support	2,219,181.17		1,846,765.84	
g) Remaining other expenses	57,580,555.36	119,829,755.29	45,216,462.53	105,265,992.43
– including expenses from addition to the special item for investment grants EUR 34,378,326.99 (PY EUR 35,769,790.57) –				
11. Other interests and income		2,901.97		15,725.83
12. Interests and similar expenses		44,176.41		62,512.53
		424,117,038.39		408,906,510.60
		25,016,720.70		13,932,496.53
13. Taxes on income and revenue		444,559.12		330,473.53
14. Result after taxes		24,572,161.58		13,602,023.00
15. Other taxes		26,921.48		26,649.37
16. Net surplus		24,545,240.10		13,575,373.63
17. Profit carryforward		23,866,695.06		15,376,288.69
18. Withdrawal from profit provisions				
From the provision in accordance with § 49 (1) no. 2 NHG	16,469,893.90		11,890,985.69	
From the special provisions for the non-economic area	973,107.27		1,481,890.03	
From special provisions for the economic area	437,785.11	17,880,786.28	1,771,921.23	15,144,796.95
19. Addition to retained earnings				
In the provision in accordance with § 49 (1) no. 2 NHG	23,866,695.06		15,376,288.69	
In the provision in accordance with § 49 (2) no. 2 NHG	10,000,000.00		0.00	
In the special provisions for the non-economic area	864,074.16		1,536,003.49	20,184,234.21
In special provisions for the economic area	2,944,595.82	37,675,365.04	3,271,942.03	
20. Change to the net item		-369,540.00		-45,530.00
21. Net profit		28,247,816.40		23,866,695.06

5.3 Balance sheet as of 31st December 2022

As of 16th September 2023

Assets	31st Dec 2022		31st Dec 2021	
	EUR	EUR	EUR	EUR
A. Fixed assets				
I. Intangible assets				
1. Usage rights acquired for a fee (software)	2,338,794.00		2,397,140.00	
2. Downpayments made	935,273.10	3,274,067.10	1,066,737.69	3,463,877.69
II. Property, plant and equipment				
1. Land, leasehold rights and buildings, including building on third-party land	55,656,535.00		53,619,448.00	
2. Technical equipment and machinery	12,233,627.00		12,578,067.00	
3. Other equipment, operating and business equipment	121,943,220.00			
4. Downpayments made and plants under construction	34,971,844.50		26,154,511.50	
III. Financial assets				
Cooperative shares		5,000.00		5,000.00
		228,084,293.60		217,554,265.19
B. Current assets				
I. Inventories				
1. Auxiliary and operating equipment	2,340,328.00		2,143,290.00	
2. Unfinished products	6,685,332.77	9,025,660.77	8,422,273.01	10,565,563.01
II. Receivables and other assets				
1. Trade receivables	4,728,336.58		4,297,968.80	
2. Receivables from the state of Lower Saxony	3,808,003.39		5,477,733.97	
3. Receivables from other grant providers	13,994,374.38		10,612,950.94	
4. Other assets	1,567,243.17	24,097,957.52	1,623,615.55	22,012,269.26
III. Cash, bank balances				
– including in the disposit account of the Niedersächsischen Landeshauptkasse EUR 158,817,436.58 (PY EUR 140,409,288.35) –		167,038,577.21		158,829,744.25
		200,162,195.50		191,407,576.52
C. Accruals and deferrals		4,146,925.65		3,594,658.09
		432,393,414.75		412,556,499.80
Liabilities				
A. Equity				
I. Net position		-11,356,960.00		-11,726,500.00
II. Retained earnings				
1. Reserves in accordance with § 49 (1) no. 2 NHG – including liabilities from appointment and continuation agreements EUR 21,135,000.00 (PY EUR 18,884,000.00) –	60,124,314.39		52,727,513.23	
1. b) Rücklage gemäß § 49 Abs. 1 Nr. 2, 2. HS NHG	10,000,000.00			0.00
2. Special reserves, non-economic area	4,680,290.76			4,789,323.87
3. Special reserves, economic area	20,385,823.31	95,190,428.46		17,879,012.60
		28,247,816.40		75,395,849.70
III. Net profit				23,866,695.09
			112,081,284.86	191,407,576.52
B. Special items for investment grants				
C. Special items for study fees			0.00	84,077.52
D. Provisions				
1. Tax provisions		564,280.00		963,985.00
2. Other provisions		12,052,925.00		12,874,480.00
			12,617,205.00	13,838,465.00
E. Liabilities				
1. Downpayments received		6,511,678.69		9,289,204.48
2. Trade liabilities		9,326,271.46		9,543,077.00
3. Liabilities towards the State of Lower Saxony		44,917,062.59		53,278,043.94
4. Liabilities towards other grant providers		17,124,214.62		15,217,622.25
5. Other liabilities		1,457,559.48		1,804,074.68
– including from taxes EUR 1,057,140.69 (PY EUR 773,865.15) –				
			79,336,786.84	89,132,022.35
F. Accruals and deferrals			273,844.45	293,375.98
			432,393,414.75	412,556,499.80

6 Glossary

Advanced study programmes

Advanced study programmes have the goal of acquiring a master's degree or doctorate.

Balance sheet

The balance sheet is the comparison of assets and capital as of 31st December of a year. The assets reflect the specific use of the funds used, the capital (liabilities) reflect the origin of funds (equity and loan capital).

Basic financing (basic equipment)

Amount allocated for the basic equipment of a university within the scope of the budget plan of the State of Lower Saxony. The basic funding results from items 1a and 2a of the PaL.

Basic study programmes

Basic study programmes have the goal of Bachelor's Degree/Double Major Bachelor's Degree, Diploma, Magister or state examination.

Doctorates candidates

A person is considered to be a doctoral candidate if he or she has received a written confirmation of acceptance as a doctoral candidate at that institution from an institution authorized to award doctoral degrees. The date of confirmation is considered the start date of the doctorate.

Examination year

The examination year is defined as the winter semester (WS) plus the the following summer semester (SuSe) (e.g. examination year 2022 = WS 2021/2022 and SuSe 2022).

Faculty 1: Carl-Friedrich-Gauß-Faculty: Departments Computer Sciences, Mathematics, Social Sciences, Economics with 16 study programmes and three partial study programmes.

Faculty 2: Life Sciences: Biosciences, Chemistry, Food Chemistry, Pharmacy, Psychology with 18 study programmes.

Faculty 3: Architecture, Civil Engineering and Environmental Sciences with 15 study programmes.

Faculty 4: Mechanical Engineering with 13 study programmes.

Faculty 5: Electrical Engineering, Information Technology, Physics with 16 study programmes and three partial study programmes.

Faculty 6: Humanities and Educational Sciences: English studies, Educational Sciences, Protestant Theology, Teaching Methodology of Natural Sciences (Biology, Chemistry, Physics), German Studies, History, Mathematical Didactics, Music, Philosophy, Sports with eight study programmes and 45 partial study programmes.

Finance volume

The finance volume includes the total budget volume of the university. It is defined by items 1 to 6 of the PaL, minus income from dissolution of the special item for investment grants as well as for tuition fees.

Foreign students

Foreign students are students who received their university entrance qualification abroad or at preparatory college.

Graduates

Graduates are students who passed the final examination. These are the final Bachelor's Degree/Double Major Bachelor's Degree, Diploma, Magister, Master's Degree and state examination. Doctorates are indicated separately.

Government funding for educational quality

Government funding for educational quality are compensation payments from the State of Lower Saxony for the discontinued study fees, in order to continue to improve the quality of teaching and the study conditions at the Lower-Saxon universities. The state dynamically adjusts the funds to the number of students.

International students

International students are students with foreign nationalities.

PaL

The profit and loss statement (PaL) is a comparison of the expenses and income in a year to determine the result of the university. It is compiled according to the rules of the Commercial Code (Handelsgesetzbuch; HGB).

Reporting year

The reporting year is defined as summer semester plus the subsequent winter semester (e.g. academic year 2022 = SuSe 2022 and WS 2022/2023).

Special funds of the State

Available funds of the Lower Saxon Ministry for science and culture (Ministerium für Wissenschaft und Kultur; MWK) for certain measures, such as government funding for educational quality and university pact funds result from items 1b and 2b of the PaL.

Staff

A university's staff include scientific and artistic, as well as non-scientific staff. They are broken down into full- and part-time and indicated as a head count.

STEM

Short for: science, technology, engineering and mathematics.

Students

Students are the students enrolled in a study programme in the respective winter semester, minus those on leave. The students are indicated as a head count.

Study semester

Study semesters are any semesters that are completed to take a university examination in a specific study programme.

Summer semester

The summer semester is from 01st April to 30th September of a year.

Third-party funds according to the accounting guideline

Third-party funding is funding that is acquired for promoting research and development, as well as junior researchers and teaching, in addition to the regular university budget (basicfunding) of public and private providers (except for the State of Lower Saxony). According to the accounting guidelines, funds from contract and grant research, donations/sponsoring, scholarships and continuing education are part of third-party funding. These are revenue from third-party funding that are reported under items 1c, 2c, 4a, 4b, 6a and 6b of the profit and loss statement.

Third-party funds according to the university funding statistics

As a rule, only those funds that are allocated to university budgets or that are managed by the university in deposit accounts are recorded in the university finance statistics (Hochschulfinanzstatistik; HFS)—excluding sales tax, i.e., net. Funds from the sponsoring institution of the university and funds for scholarship payments (= study support—not teaching and research) are not considered third-party funds for the purposes of the HFS.

Useful area

The useful area is the total of the area that serves a building's purpose (e.g. for work or accommodation purposes, NF 1 to 6).

Winter semester

The winter semester is from 01st October of a year until 31st March of the following year.

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