

The German Rectors' Conference

Member Institutions

The **German Rectors' Conference** is the association of state and state-recognized universities in Germany.

The HRK currently has **268 member institutions** which account for **94 per cent of matriculated students** in Germany.

- 105 Universities
- 118 Universities of Applied Sciences
- 45 Colleges of Art and Music

The German Rectors' Conference

The Universities' Mandate

The **universities' mandate** in

- research-based teaching & learning
- the students' individual development
- research & innovation
- training of early career researchers

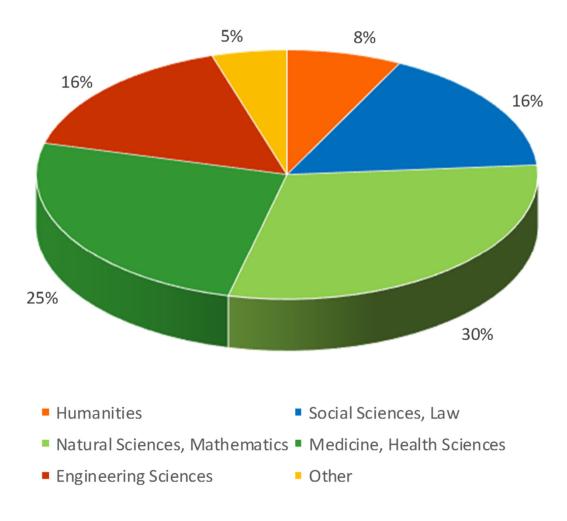
makes them function as **the core** of the German **research and innovation system**.

The right to **confer doctoral degrees** lies exclusively with the (research) universities.

Facts and Figures

- Doctoral degrees are conferred by (research) universities or higher education institutions with equivalent status (e. g. teacher training institutions, universities of art and music).
- The right to confer a doctoral degree is delegated from the university to the respective department (not the individual researcher).
- **29,303 doctoral degrees** conferred (2016)

Doctoral degrees awarded according to subject area (2016)



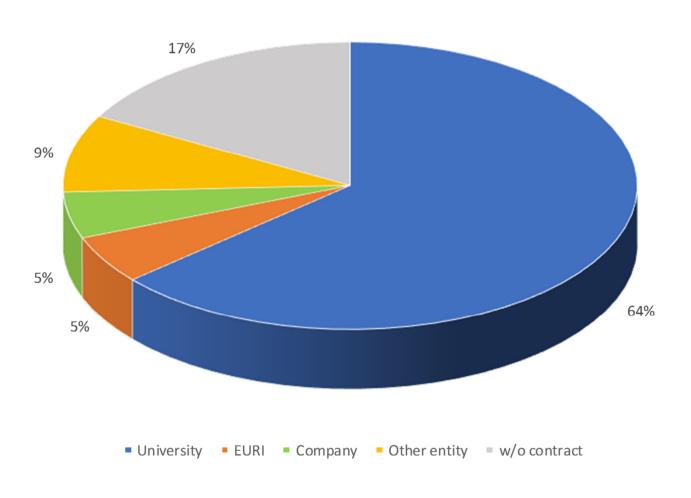
Core Values

- The doctoral phase is the first phase of independent research: substantial contribution to the state of knowledge in the relevant discipline(s).
- It is the sole right and responsibility of the universities to safeguard the quality of their doctoral education:
 - Trend towards a **distinct status** for doctoral candidates (employement contracts vs. scholarships; currently 83% employed)
 - Limited duration (generally 3-4 years, depending on the subject)
 - Board of examiners
 - Obligation to publish results

A Joint European Understanding

- Doctoral phase as the first phase of independent research
 ⇒ It is <u>not</u> the third study cycle of the "Bologna system".
- European University Association: Salzburg Principles (2005)
 and Salzburg II Recommendations (2010)
 - The doctorate is and must be <u>research-based</u>.
 - Autonomy for the institution to choose mission and strategy and to set up the appropriate structures
- Joint declaration on doctoral training in Europe of the British, Flemish, French (CPU & CDEFI), German, Hungarian, Polish, Spanish and Swiss rectors' conferences (2012): the universities' "strategic responsibility for doctoral training"

Doctoral candidates according to employment (internal estimate)



Doctorates with external employment contract: Cooperation with extra-university research institutes

- Joint doctorates with extra-university research institutions
 (Max Planck Society, Helmholtz Association, Leibniz Association, Fraunhofer Society)
- ca. 1,400 joint doctoral degrees p. a. = 5 % (internal estimate)
- Creating win-win situations: Enhancing quality and striving for excellence (e. g. government-funded Excellence Inititiative and Excellence Strategy)
- But: Quality assurances lies with the universities; clear rules and regulations are needed (with regard to publications, IPR, etc.).

Doctorates with external employment contract: Cooperation with companies and other entities

Joint doctorates with companies and other entities:

- ca. 1,450 joint doctorates with companies p. a.
 - = 5% (internal estimate)
- ca. 2,600 joint doctorates with other entities p .a.
 - = 9% (internal estimate, incl. scholarships)

Doctorates with external employment contract at companies — HRK key points

Ideally, a win-win situation — linking the research interests of universities and companies:

- ✓ Universities get access to actual industrial research problems and access to industrial research infrastructure
- ✓ Companies get access to young talents, enhance their innovative strength and benefit from the university's infrastructure
- ✓ Various career options in academia, industry and administration open up for doctoral candidates

Doctorates with external employment contract at companies — HRK key points

BUT: The right and responsibility for **quality assurance** must lie solely with the respective **university department**:

- ✓ Transparent access (selection of topics and candidates, admission and initiation of procedure)
- Supervision agreement
- ✓ **Integration into the academic environment** (training both in the discipline and across disciplines)
- ✓ Assessment and rating (data must open to board of examiners)
- ✓ Publication and copyright (Wide-ranging confidentiality agreements are not compatible with a thesis for an academic qualification)
- Following the rules of good scientific practice

HRK

Thank you! ご静聴ありがとう ございました

www.hrk.de



© Jeffrey Friedl