

## Interdisciplinary Data Science Research in Berlin – fully-funded PhD fellowships

The Helmholtz Einstein International Research School in Data Science (HEIBRiDS) invites applications of PhD candidates for fellowships in the research areas listed below. HEIBRiDS provides a collaborative research environment across disciplinary borders. Dissertation projects will be interdisciplinary of nature, combining Data Science with applications in medicine, systems biology, energy storage, geophysics and astronomy.

Topics belong to one or more of the following areas:

- Deep Learning
- Data management
- Novel Tools and Algorithms
- Mathematical Modelling

Detailed description of the available doctoral projects can be found [here](#).

Research will be conducted in topical clusters at one of the research centers of the partner institutes in the capital region:

- Max-Delbrück Center for Molecular Medicine (MDC)
- Deutsches Elektronen-Synchrotron (DESY)
- Helmholtz-Zentrum Berlin (HZB)
- German Research Center for Geosciences (GFZ)

in cooperation with the participating university institutions:

- Technische Universität Berlin (TU)
- Charité-Universitätsmedizin Berlin
- Freie Universität Berlin (FU)
- Humboldt-Universität zu Berlin (HU)

If you enjoy working in an interdisciplinary environment, producing cutting-edge research, come and join our international community in Berlin, Germany!

### **We offer**

- Cutting-edge research in big data science under close supervision of a team of scientific mentor and co-mentor and a PhD committee
- 4 years fully-funded fellowships
- Integrated training curriculum of scientific and professional skills taught in English
- Financial support for conferences and collaborations
- Institutions that value diversity and promote an inclusive work environment

### **Application**

To apply, a master's degree in quantitative sciences (computer science, physics, statistics or mathematics) or related applied field (bio- or geoinformatics etc.), awarded by July 2019, is required.

**Apply by March 8, 2019 via [the online HEIBRiDS application portal](#)**



Please submit your CV, academic record, contacts of 2 referees, and research statement referring to one or two of the available doctoral projects.

For project and program details visit the webpage: [www.heibrids.berlin](http://www.heibrids.berlin)

Successful candidates will start their PhD between July and October 2019.