The doctoral training program:

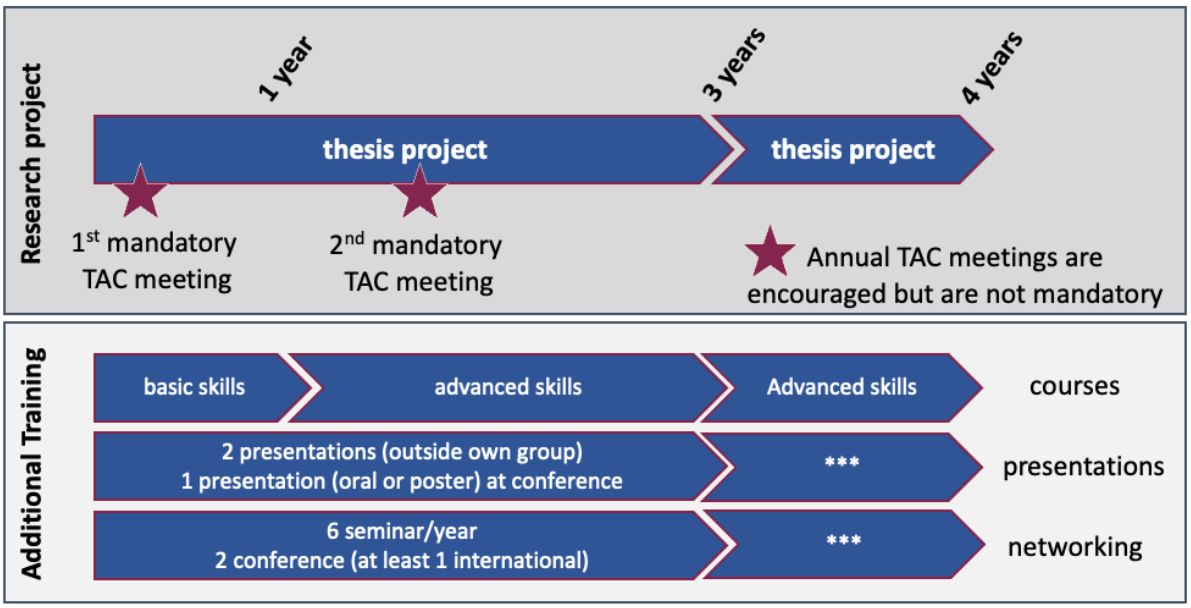
The major aim of the doctoral training is the ability of the candidates to independently conduct scientific projects. To achieve this, the core of the program is a scientific project that is aimed to advance knowledge through original research on a specific topic. This is documented in a scholarly thesis that is presented and defended in a final examination. To complement the scientific activities, an accompanying training program provides education in the fields of research methodology, statistics, research ethics, scientific communication, and transferable skills. This program must be completed before submission of the thesis.

The compulsory elements of the training program are:

- Course participation in the mandatory accompanying program (information on the mandatory courses will be coming soon).
- Participation in six self-selected scientific seminars outside of the doctoral program per year.
- Participation in a minimum of two conferences (including at least one international conference) with active scientific participation (e.g., poster presentation, oral presentation).
- One presentation per year outside of the own research group (presentations in front of the advisory committee are eligible).
- Progress Reports documenting meetings between the doctoral researcher and her/his thesis advisory committee (TAC). A minimum of 2 meetings with the TAC are required (the first meeting within the first 3 month after start of the thesis and a second 18 months after the start, however, annual meetings are recommended). The respective forms can be downloaded at the homepage of the Medical Faculty.

The attended activities must be documented in the study book, which is compulsory for the thesis submission. Study book pages can be downloaded at the homepage: https://www.uni-augsburg.de/de/fakultaet/med/forschung/wissenschaftliche-qualifikation/promotion-zur-doktorin-bzw-doktor-der-naturwissenschaften-dr-rer/

All documentation should be kept in electronic form wherever possible.



The compulsory course program entails two types of courses (amount to approx. 90-100 hours) and must be completed before submission of the thesis. Detailed information on the course content and how the courses can be accessed will be provided soon.

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1. Courses mandatory for all Dr. rer. nat. candidates (ca. 60-65 hours)

   a. Introduction to PhD studies at the UniA Faculty of Medicine (ca. 3 hours)
   b. Research methodology (ca. 12 hours)
   c. Basic Statistic (ca. 10-12 hours)
   d. Research ethics incl. Plagiarism and misconduct (ca. 6 hours)
   e. Scientific communication (ca. 10 hours)- We acknowledge that experience with scientific communication is rather individual and to avoid redundance, you should self-select courses in the field of scientific communication for this part of the course. There is plenty of choice, including various offers by the Graduate Center (Graduiertenzentrum) of the University: https://www.uni-augsburg.de/de/forschung/foerderung/graduiertenzentrum/

2. Self-selected courses (ca. 30 hours)

This part comprises the participattion in self-selected courses.
Examples:

- Felasa courses
- Coding courses
- German course
- Exchange into cooperating labs/groups
- Advanced statistics
- Use of AI/NLP
- Scientific communication courses, grant writing, public outreach etc.
- Endnote (online course or tutorial)

a. We encourage you to take a look at the courses offered by the Graduate Center (Graduiertenzentrum) of the University: https://www.uni-augsburg.de/de/forschung/foerderung/graduiertenzentrum/

Deviations from the course program are possible in justified cases.