Master of Arts /
Master of Science

Philosophy & Computer Science

Think. Code. Transform.

An innovative degree geared towards modern society.

From deep fakes to medical imaging, from smart environments to surveillance capitalism: modern information technologies challenge us to think carefully about their impact on society. The interdisciplinary Master's program in Philosophy & Computer Science (P&CS) at the University of Bayreuth trains a new generation of scientists and creative thinkers to critically and constructively navigate the social, epistemological, ethical, and institutional challenges of AI. It combines training in computational skills with deep philosophical analysis.

Throughout their studies, students will have the opportunity to specialize in various areas at the intersection of philosophy and computer science. These may include, e.g., the ethics of new technologies, responsible AI deployment, human-computer interaction, machine learning, AI governance, or data security & privacy.

Navigate key challenges your way.

Graduates from the Philosophy & Computer Science program will have the ability to recognize and address crucial technical, social, ethical, and institutional challenges emerging from the advancements in artificial intelligence, machine learning, and various other information technologies. They undergo interdisciplinary training and possess a distinctive skill set that enables them to collaborate across and beyond disciplinary boundaries in research, business, and politics.
In order to foster students' personal growth, we facilitate their pursuit of specialization through:

- a diverse selection of interdisciplinary courses
- internships and practical experiences beyond the academic realm
- self-driven research initiatives
- opportunities for studying abroad

Make a difference.

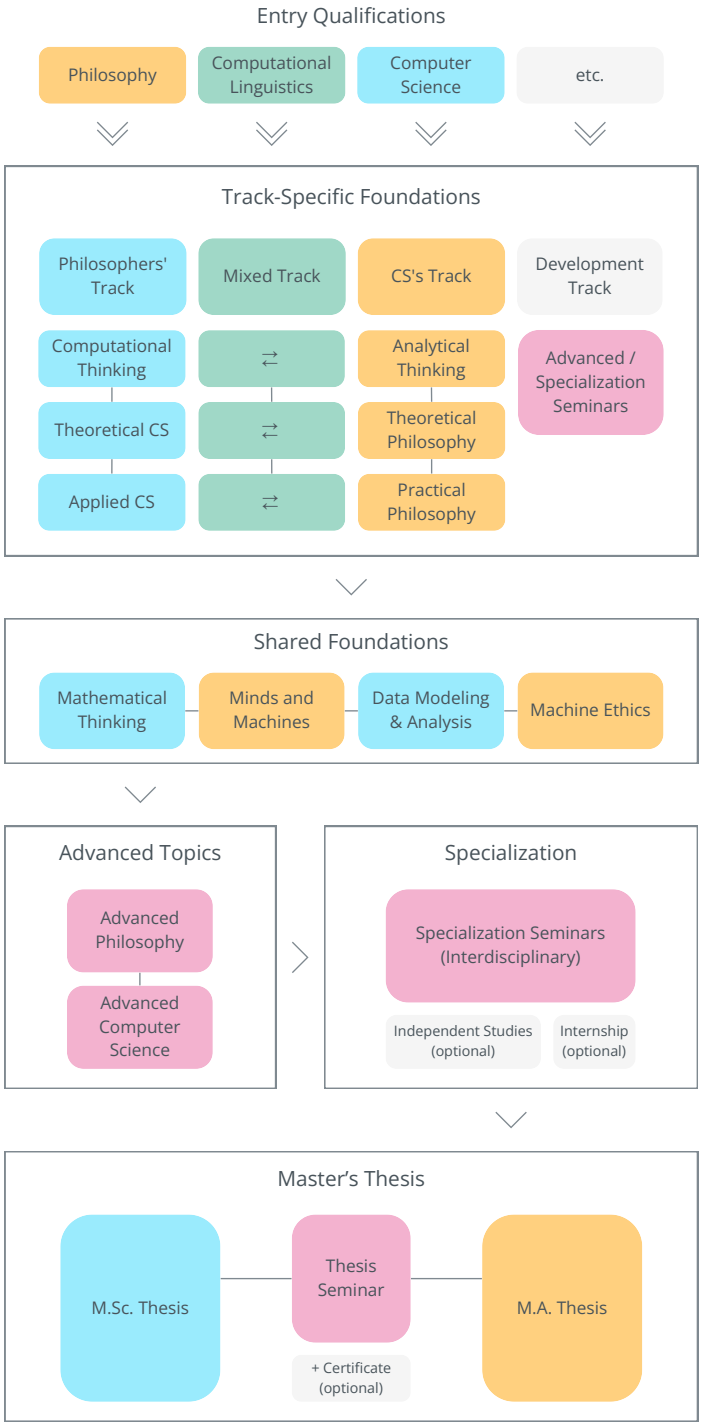
Graduates of Philosophy and Computer Science can be awarded either an M.Sc. or an M.A. depending on their individual specialization. They are ideally equipped for leadership roles in both public and private sectors. The varied and quickly evolving job opportunities may include but are not limited to:

- data analyst, data engineer
- ICT consultant
- software developer, ethical hacker
- policy manager, advisor on responsible AI
- ... and many other roles

Potential employers include:

- international organizations (e.g., UN, EU, NGOs)
- national state authorities
- consultancies
- universities and research centers
- IT companies

Your journey starts here.



Interested?

We select students through an individual admission procedure. To apply, you'll need:

- a bachelor's degree (180 ECTS) in computer science, philosophy or a related field (e.g., cognitive science, computational linguistics, ...)
- an up-to-date transcript of records
- a short essay outlining your aptitude and motivation for joining the program
- very good spoken and written English (B2)
- basic German (A1, can be acquired within the first year of study)

Start: Winter semester (October)
Application period: March 1st to July 15th
Please visit our website for more information:

www.uni-bayreuth.de/en/master/philosophy-computer-science

An attractive environment awaits you.

Bayreuth's Philosophy & Computer Science program is unique within the German-speaking area. Its teachers are leading researchers in their fields who want to share their passion and are excited to welcome you to this new program. As a medium-sized campus university, we place less emphasis on growth and more on ensuring the highest quality of our infrastructure for both teaching and research.

We pioneer in developing interdisciplinary projects that ensure Bayreuth a place among the best universities internationally. All across campus, there is a growing interest in interdisciplinary questions that arise at the interface of philosophy and computer science, with numerous opportunities for research and entrepreneurship. Beyond that, Bayreuth is a highly livable city with short distances between destinations, cultural highlights, and lots of nature around it.

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