Master's Program in Computer Science

Our Master’s Program is an English-taught, full-time program with a research-based profile requiring talent and ambition. The standard period of study is four semester, including the master thesis.

The Program is designed to provide students with the required expert-knowledge, skills and methods as well as interdisciplinary key-qualifications, taking into account the requirements and changes in the professional world; to enable them to work scientifically, to classify and utilise scientific discoveries in a critical manner and to act responsibly.

The Master’s Program in Computer Science comprises four tracks, each corresponding to one of the four main areas of competence in research of our Institute:

- Algorithmics
- Graphics, Vision, Audio
- Information and Communication Management
- Intelligent Systems

Application requirements

Mandatory documents:
- Bachelor Certificate in Computer Science or related subject
- Transcript of Records
- Secondary School Leaving Certificate
- TOEFL or IELTS result
- Statement of Purpose
- Curriculum Vitae
- Name/Address of two Referees

For detailed information on our application requirements, applicants are asked to carefully read the guidelines on our website:
http://master.cs.uni-bonn.de.

Applications need to be submitted via our Online Application System:
http://mareg.iai.uni-bonn.de.

Application deadlines:
- for a winter semester: May 1 (Non-EU-citizens), September 15 (EU-citizens)
- for a summer semester: November 1 (Non-EU-citizens), March 15 (EU-citizens)
What is Computer Science?

Computer science is both fundamental research and engineering. Therefore, computer science is often called an “Engineering Science of Mind”.

“Doing computer science” is not the same as “programming much” or “working with computers”. It rather deals with fundamentally exploring phenomena and methods that form the basis of automatic information processing.

Most computer scientists work application-oriented and interdisciplinary. But abstractions from the particular application and theory construction are always the main focus. To study computer science, you should enjoy (and also have the ability to) mathematical-formal and very precise thinking and working - not only when writing programs.

Computer Science in Bonn

The Institute for Computer Science of Bonn University has a long-standing tradition. Founded in 1969 as one of the first institutes for computer science in Germany, it has since been known for its substantiated instruction, which is strongly characterized by the closeness to up-to-date research in all decisive areas of computer science.

The Institute's Co-operation Partners

The close co-operation with many renowned research institutions in and near Bonn as well as international companies not only enables the students to access interesting internships, but also enlarges the range of fascinating subjects for theses and research work.

Research institutions in and near Bonn:

- Bonn-Aachen International Center for Information Technology (B-IT)
- Research Institute for Discrete Mathematics
- Fraunhofer Center Schloss Birlinghoven
- Fraunhofer Center Wachtberg
- Hausdorff Research Institute for Mathematics

Further co-operation partners:

- Deutsche Telekom
- T-Mobile
- T-Com
- Nokia
- Ravensburger AG

Interested?

For further information, please visit our website:

http://master.cs.uni-bonn.de

or contact our Master Office:

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