1. University of Bonn • Bonn

**Academic admission requirements**

* Bachelor of Science degree in computer science
* Additional qualification requirements for the Bachelor's degree (credits in theoretical computer science, mathematics, programming, etc.)
* Mandatory documents (in English):
  + Bachelor's degree plus up-to-date transcript of records
  + TOEFL or IELTS result
  + statement of purpose
  + curriculum vitae
  + a letter of motivation

For detailed information on our application requirements, applicants are asked to carefully read the guidelines on our website:  
<https://www.informatik.uni-bonn.de/en/for-students/master-of-science-in-computer-science/application>  
Before applying, prospective students are asked to have a close look at our eligibility criteria!

**Language requirements**

Submission of a TOEFL or IELTS result is mandatory for all applicants. Applications without either test result will not be considered.  
Exempt from this rule are: nationals and/or first degree holders (earned IN the respective country) from Antigua & Barbuda, Australia, The Bahamas, Barbados, Belize, English-speaking Canada, Gambia, Ghana, Grenada, Guyana, Republic of Ireland, Jamaica, Kiribati, Liberia, Mauritius, Micronesia, New Zealand, Nigeria, Papua New Guinea, St.Kitts-Nevis, St. Lucia, St. Vincent, Sierra Leone, Solomon Islands, Trinidad & Tobago, United Kingdom, United States, Zambia or Zimbabwe. Applicants from these countries do not have to submit language certificates.  
Minimum scores for TOEFL/IELTS (results below minimum score will not be accepted):

* TOEFL paper-based: 550 points
* TOEFL Internet-based: 80 points
* IELTS: 6.0

Applicants taking the TOEFL test are asked to use the university's TOEFL code number 4856.

**Application deadline**

For the winter semester: 1 May for non-EU citizens, 15 September for EU citizens and nationals from countries that are visa-exempted  
For the summer semester: 1 November for non-EU citizens, 15 March for EU citizens and nationals from countries that are visa-exempted

**Submit application to**

For further information on the application process, please see <https://www.informatik.uni-bonn.de/en/for-students/master-of-science-in-computer-science/application>.

### University of Stuttgart • Stuttgart

**Academic admission requirements**

The admissions requirements include:

* Bachelor's degree with a programme duration of at least six semesters in computer science, software engineering or in a closely related subject
* Examination results from the Bachelor's programme that support the qualification of the applicant for the Master's programme in computer science
* Adequate knowledge of the English language (level C1)

**Language requirements**

Students have to provide proof of their English language skills:

* An advanced knowledge of English is required at level C1 CEFR (corresponds to TOEFL iBT 95, IELTS min. band 7, etc.).
* Applicants whose Bachelor's programme was held in English only need a university certificate.

**Technical equipment and programmes**

Internet connection required

Organisational platform: <https://campus.uni-stuttgart.de/>

Contents platform: [https://ilias3.uni-stuttgart.de](https://ilias3.uni-stuttgart.de/)

**Application deadline**

15 January for the winter semester starting in the same year;  
15 July for the summer semester starting in the next year.  
The application deadlines are identical for EU and non-EU applicants.

**Submit application to**

<https://www.uni-stuttgart.de/en/study/application/online/index.html>

### RPTU University of Kaiserslautern-Landau • Kaiserslautern

**Academic admission requirements**

* Qualified Bachelor's or equivalent degree
* Language proficiency in English
* GRE test is strongly recommended

**Language requirements**

At the beginning of your studies, no knowledge of German is required. However, you are obliged to attend basic German courses at the Technische Universität Kaiserslautern which form an integral part of your programme. After two semesters, you have to pass the DSI examination (DSI stands for "Deutsche Sprachprüfung für Studierende in internationalen Studiengängen und Doktoranden": language exam for international students at the Technische Universität Kaiserslautern), in order to continue your studies. This exam requires basic German knowledge at A1 level.

A good knowledge of English is required for admission to the programme of study. You must prove your English language skills for the Master's programme as follows:  
TOEFL Test: 550 points (paper-based) / 213 points (computer-based) / 79 points (internet-based) and/or IELTS: 6.0 points, or equivalent (e.g., prior studies in English)

**Application deadline**

For international applicants applying from abroad who need a visa:  
30 April for the following winter semester  
31 October for the following summer semester

Others:  
15 January for the following summer semester  
15 July for the following winter semester

**Submit application to**

Department of International Affairs: ISGS  
Gottlieb-Daimler-Str. 47  
67663 Kaiserslautern  
Germany

<https://applymsc.informatik.uni-kl.de/>

### University of Siegen • Siegen

**Academic admission requirements**

Bachelor's degree in computer science or electrical engineering  
The minimum grade of the Bachelor's degree is "satisfactory" (3.0). The responsible board of examiners will make the decision on the equivalence of degrees acquired at other higher education institutions or in other degree courses and on the suitability for the Master's programme.

**Language requirements**

English language proficiency certificate: TOEFL iBT: min. 88 or IELTS: Band 6.5  
The TOEFL code number for the University of Siegen is 8429.

**Application deadline**

30 April 2023 at midnight  
Non-EU applicants are advised to apply as early as possible, allowing for some delay to complete the visa process.

**Submit application to**

<http://www.master-cs.eti.uni-siegen.de/>

### University of Freiburg • Freiburg im Breisgau

**Academic admission requirements**

Applicants must hold a Bachelor's degree in one of the following:

* computer science
* computer engineering
* informatics
* mathematics
* information technology

OR they should hold a degree in a closely related field with an excellent cumulative GPA or final grade.

The aim of the programme is to develop both practical and theoretical skills. Mathematical analyses and proofs play an important part in the curriculum. Additionally, true mastery of the practical sides of computer science requires mastery of its theoretical foundations. A profound knowledge in theoretical computer science (formal languages, automata theory) is thus one of the most important prerequisites for admission.

**Language requirements**

An exemption from submitting an English language certificate is only granted to native speakers from the USA, UK, Ireland, Australia, New Zealand, and Canada or students who completed their Bachelor’s degree in one of these countries. All other candidates have to submit one of the following English language certificates:

* TOEFL iBT, minimum 95 points
* Academic IELTS, minimum 7.0 points
* Cambridge Certificate of Advanced English (C1)
* Cambridge Certificate of Proficiency in English (C1)
* Pearson PTE Academic (min. 76)
* TELC
* TOEIC
* UNIcert III or IV

**Application deadline**

**Non-EU applicants**: 31 May for admission to the winter semester, 15 December for admission to the summer semester

**EU applicants**: 15 July for admission to the winter semester, 15 January for admission to the summer semester

**Submit application to**

**You will find all information about the application procedure on our**[**website**](https://www.tf.uni-freiburg.de/en/study-programs/computer-science/m-sc-computer-science)**.**

### University of Freiburg • Freiburg im Breisgau

**Academic admission requirements**

Applicants must hold a Bachelor's degree in one of the following:

* computer science
* computer engineering
* informatics
* mathematics
* information technology

OR they should hold a degree in a closely related field with an excellent cumulative GPA or final grade.

The aim of the programme is to develop both practical and theoretical skills. Mathematical analyses and proofs play an important part in the curriculum. Additionally, true mastery of the practical sides of computer science requires mastery of its theoretical foundations. A profound knowledge in theoretical computer science (formal languages, automata theory) is thus one of the most important prerequisites for admission.

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**Non-EU applicants**: 31 May for admission to the winter semester, 15 December for admission to the summer semester

**EU applicants**: 15 July for admission to the winter semester, 15 January for admission to the summer semester

**Submit application to**

**You will find all information about the application procedure on our**[**website**](https://www.tf.uni-freiburg.de/en/study-programs/computer-science/m-sc-computer-science)**.**

### Technical University Munich • Garching b. München

**Academic admission requirements**

* Bachelor of Science in Informatics / Computer Science
* Applicants must provide a letter of motivation and a scientific essay
* Applicants may be invited for a selection interview by telephone
* GRE or Gate Test for applicants with a degree from Bangladesh, China, India, Iran and Pakistan
* Preliminary documentation from uni-assist for applicants who obtained their Bachelor's in a country outside EU/EEA

For further information, see: <http://www.in.tum.de/en/for-prospective-students/apply-for-admission/masters-programs/>

**Language requirements**

All applicants must submit a proof of sufficient English language skills. The accepted English proofs can be found here:  
<https://www.tum.de/nc/en/studies/application-and-acceptance/university-admission/language-certificates/>

Proof of German language skills is not mandatory for the application.

**Application deadline**

Winter semester: 31 May  
Summer semester: 30 November

**Submit application to**

In order to apply at TUM, you need to open a TUMonline account: <https://campus.tum.de/tumonline/webnav.ini>.  
Our application wizard will guide you step by step through the online application procedure.

Further information: <http://www.in.tum.de/en/for-prospective-students/apply-for-admission/masters-programs>

### Jacobs University Bremen • Bremen

**Academic admission requirements**

Students who have completed an undergraduate programme in computer science, software engineering, information technology or another discipline with at least 60 ECTS of a computer science-related topics (such as mathematics, programming, design, software architecture)

Students who do not fulfil these requirements might still be conditionally admitted with further requirements to re-take relevant undergraduate courses.

**Language requirements**

An English language proficiency test with a minimum score of 90 (TOEFL), 6.5 (IELTS) or 110 (Duolingo).

Native speakers and applicants who completed their undergraduate studies in English may be exempted from this requirement. A scanned copy or document showing that the BSc degree was completed in English may be submitted as proof.

**Application deadline**

Application due by 1 June for international students (For those who require a visa to enter and study in Germany, please refer to our visa information page for a list of countries).

Application due by 15 July for EU/EEA citizens and citizens of the following countries: United States of America (including the US Virgin Islands, American Samoa, Guam, Puerto Rico, and the Northern Mariana Islands), Andorra, Australia (including the Cocos [Keeling] Islands, Norfolk Island, Christmas Island), Brazil, Canada, El Salvador, Honduras, Israel, Japan, Monaco, New Zealand (including the Cook Islands, Niue, and Tokelau), San Marino, Republic of South Korea, and Switzerland

**Submit application to**

<https://www.jacobs-university.de/study/graduate/programs/computer-science-and-software-engineering/csse-how-apply>

### Rhine-Waal University of Applied Sciences • Kamp-Lintfort

**Academic admission requirements**

Admission to our Master's degree programme is subject to an application process.  
The formal entry requirements for the Information Engineering and Computer Science MSc programme include the following:

* proof of a completed undergraduate degree (BSc, BA, German "Diplom" or equivalent), which included subjects in the fields of practical computer science and computer engineering as well as fundamentals in mathematics, natural sciences, and engineering
* an overall mark of at least 2.0 in your undergraduate degree
* proof of relevant TestAS Certificate (minimum 100 points) or alternatively Graduate Aptitude Test (GATE) or Graduate Record Examination (GRE; Q = 160, V = 145, A = 4.5)
* a sufficient level of English language proficiency (see below)

Please find more information on our website: <https://www.hochschule-rhein-waal.de/en/academics/prospective-students/current-application-period/masters-programmes>.

**Language requirements**

Please note that for this degree programme, English language skills at level B2 according to the Common European Framework of Reference are required. Please be aware that all applicants' test report form numbers will be checked. The following certificates are accepted:

* IELTS: level CEFR B2 or better
* TOEFL: level CEFR B2 or better

This degree programme has restricted admission. Please find more information on our website: <https://www.hochschule-rhein-waal.de/en/academics/prospective-students/current-application-period/bachelors-programmes>.

**Application deadline**

All applicants: 15 July for the following winter semester  
All applicants: 15 January for the following summer semester

**Submit application to**

Applications must be submitted online through uni-assist. Please do not submit any applications in hard copy. See our website for details: <http://www.hochschule-rhein-waal.de/en/academics/prospective-students>

### Kiel University • Kiel

**Academic admission requirements**

Admission to our Master's programme is only possible with a Bachelor's degree in computer science that is comparable to the Bachelor's degree in computer science awarded by our department.

The Bachelor's and Master's studies in Kiel are research-oriented. Therefore, Bachelor's degrees achieved outside of Kiel often lack fundamental concepts in theoretical and practical topics, such as advanced programming (beyond object-oriented concepts), mathematical foundations (especially mathematical proofs), theory of computation, and logic in computer science. To adapt this knowledge to the Kiel Bachelor's degree, applicants from outside the "Bologna region" will probably have to attend and pass exams in these fields before they can be admitted.

**Language requirements**

English language skills must be proved via a GRE test result with at least 145 points in verbal reasoning. There are no exceptions to this rule.

**Application deadline**

The application deadline for the summer semester is 15 January. The application deadline for the winter semester is 15 July.

**Submit application to**

All non-German citizens with foreign academic certificates must apply centrally through [uni-assist](http://www.uni-assist.de/index_en.html" \t "_blank).

Christian-Albrechts-Universität zu Kiel  
c/o uni-assist e.V.  
11507 Berlin  
Germany.