Freiburg, Charite => disclosed

Wurzburg => biology students

[University of Tubingen](https://edurank.org/uni/university-of-tubingen/)

[*https://uni-tuebingen.de/en/study/finding-a-course/degree-programs-available/detail/course/bioinformatics-master/#c192-additional-subjects*](https://uni-tuebingen.de/en/study/finding-a-course/degree-programs-available/detail/course/bioinformatics-master/#c192-additional-subjects)

*Application deadline for non-EU citizens*  
Summer semester: 15.01  
Winter semester: 15.07

Sufficient knowledge of English is a prerequisite for all students. Upon admission to the master's program, English language skills at the GER B2/C1 level (or IELTS at least band 6,5 or TOEFL at least 79) must be demonstrated. International applicants who do not have a German educational degree must provide evidence of German language skills (GER B2-C1) for application.

The degree in the Master's program for students with a Bachelor's degree in Bioinformatics (Variant A) can also be acquired through the parts of the study program offered in English, in that sufficient credit points for a degree can be acquired in English-language courses, all compulsory courses are held in English, and the course work and examinations in these aforementioned English-language courses and compulsory courses can be completed in English. For variant A students, proof of very good English language skills is sufficient: GER C1/B2 level or IELTS band at least 6.5 or TOEFL at least 79.

Q => ASK if English can be obtained there and if Computer Engineering Students are eligible to apply.

<https://uni-tuebingen.de/en/facilities/administration/iv-student-affairs/advising-and-admission-of-international-students/>

Goethe Universitat Frankfurt

https://www.uni-frankfurt.de/35792026

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| **Course content and focus areas** | The Master program is the second part of the consecutive Bachelor/Master study in Bioinformatics. It is based on a Bachelor program in Bioinformatics and covers advanced topics from a research and application oriented perspective. The following four topics are obligatory: (1) Sequence Analysis / Data Mining, (2) Network Analysis / Systems Biology, (3) Structure Analysis / Molecular Modeling, and (4) Neuroprocesses / Computational Neurobiology. Additionally there is the possibility to choose from more than 50 elective modules from computer science, biology, mathematics, chemistry, medicine, and biophysics, in order to specalize in one or two research directions or to learn more about the various application disciplines of Bioinformatics.  Study abroad is explicitly supported. Moreover, soft-skills, for example teaching a tutorial, advising students in a mentoring program and writing a research grant proposal will be acquired. The study finishes with a Master thesis. |
| **Detailed information** | [**Information from the department**](http://www.informatik.uni-frankfurt.de/index.php/en/studierende-studiengaenge-2.html?id=506) [**Study regulations**](https://www.uni-frankfurt.de/62689832/FB_15___Biowissenschaften#bioinfoba#bioinfoba) |
| **Degree** | Master of Science in Bioinformatics |
| **Duration** | The standard length of study for the Master of Arts is 4 semesters. |
| **Languages of instruction** | German (and English) |
| **Start of the programme** | The program starts at the beginning of the winter or summer semester. |
| **Student advisory service** | Prof. Dr. Ingo Ebersberger office hours by arrangement [**ebersberger@bio.uni-frankfurt.de**](mailto:ebersberger@bio.uni-frankfurt.de)  Q => ASK if English can be obtained there and if Computer Engineering Students are eligible to apply. |

**Conditions of admission**

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| **Admission requirements** | * Bachelor’s degree in Bioinformatics or comparable degree; * entrance examination + CV; * English language skills (level B1); * Applicants with an international university entrance qualification and Bachelor's degree must prove sufficient [**German language skills**](http://www2.uni-frankfurt.de/50292407) according to the regulations of the Deutsche Sprachprüfung für den Hochschulzugang (DSH), the German language test for university entrance. |
| **Provisional admission** | Applicants currently enrolled on a Bachelor’s program for Computer Science can be admitted provisionally on the basis of a preliminary transcript of records, provided that they have:   1. at least 80% of the required for the bachelor's degree CP (normally 144 credit points) in Bioinformatics 2. already finished the Bachelor’s thesis, or if the thesis is about to be finished and the tutor has written a letter of recommendation   Provisional admission is valid until the end of the first semester of the master’s program. The bachelor’s degree must thus be handed in by March 31 (winter intake) or September 30 (summer intake) the latest. |
| **Mode of admission** | Admission is not restricted. Students will be directly admitted if the admission requirements are met in full. |

**Applications**

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| **Documents to be submitted** | 1. *If you are not already enrolled at Goethe-University:* entrance qualification (e.g. A- Levels) 2. Copy of the final degree certificate; applicants from a “Diplom” programme should submit a copy of the “Pre-Diploma” certificate 3. The relevant Diploma Supplement or equivalent documents (performance records stating courses, module descriptions, etc.) 4. English language skills (level B1) 5. *If the Bachelor's degree has not yet been completed:* - transcript of records or equivalent document listing the content of the study programme and average grade - letter of recommendation from the thesis advisor (Download in the online application portal or [**here**](https://www.uni-frankfurt.de/59118343/Empfehlung_Betreuer_Bioinformatik.pdf)) certification of enrolment 6. Course description of all courses stated on the undergraduate degree 7. CV   **International students** also have to submit the following documents:   * the [**German language skills**](http://www2.uni-frankfurt.de/50292407) for entrance into higher education (DSH) certificate * APS certificate for applicants from India, Vietnam and China (original) |
| **Application period** | 01.04. - 15.06. for the winter semester 01.12. - 15.01. for the summer semester |
| **Address for applications** | [**Online application portal for Master's study programs**](https://www.uni-frankfurt.de/35791924/Application_for_a_Master_s_study_programme) |

# Uni Hamburg

Application and Admission Process - University of Hamburg (Bioinformatics M.Sc.)

1. Application Period:

- Winter Semester: May 1 – June 15 (First applicable from WiSe 2025/26).

- For international students (non-EU), special deadlines and rules apply.

2. Admission Requirements:

- A bachelor’s degree or equivalent in science-related fields like:

- Biochemistry, Molecular Biology, Biology, Chemistry, Computer Science, or Medicine.

- Applicants must have 5 credits in at least 3 of the following areas:

- Chemistry

- Biochemistry/Molecular Biology

- Software Development/Programming

- Algorithms & Data Structures or Information Systems

- Bioinformatics or Chemoinformatics

3. Bridging Courses for Missing Credits:

- If applicants meet only some criteria:

- MBI-EIP: Introduction to Informatics (for life science background).

- MBI-EIB: Introduction to Molecular Biology (for computer science background).

- Courses are held in September/October, before lectures start.

4. Language Requirements:

- German language certificate needed at enrollment if prior education was not in German.

- Some modules are taught in English, so applicants must confirm their ability to study and take exams in English.

5. Application Procedure:

- Step 1:

- Complete the online application via STiNE.

- Upload the following documents in German or English (or certified translations):

- Bachelor’s degree certificate and transcript.

- Course descriptions and literature (for degrees obtained outside Germany).

- Temporary transcript if bachelor's is still in progress.

- Optional: Conversion of GPA to the German grading system (via uni-assist.de or equivalent).

- Step 2:

- Decisions are announced in June.

- Final admission offers are sent by August via STiNE, with a 7-day enrollment deadline.

6. Selection Process:

- If there are more applicants than available spots, selection is based on:

- (a) Bachelor’s degree result (40%).

- (b) Compatibility of the completed degree with the bioinformatics curriculum (60%).

7. Contact Information:

- Prof. Dr. Andrew Torda – Head of the Bioinformatics selection committee

- Email: auswahl@zbh.uni-hamburg.de

- Phone: +49 40 42838 7331

8. Further Questions:

- Email: info@zbh.uni-hamburg.de (Center for Bioinformatics)

No, an **English language certificate** is not explicitly required. However, applicants must confirm that they have **sufficient English proficiency** to follow lectures, read academic literature, and pass oral and written exams in English. Some modules are conducted in English, so the university asks applicants to acknowledge their ability to study in English using a specific **confirmation form**.

# Uni Potsdam

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| **Name** | Bioinformatics |
| **Degree** | Master of Science |
| **Standard period of study** | 4 semesters |
| **Credit points** | 120 |
| **Language of instruction** | English |
| **Start of study (1st semester)** | Winter semester |
| **Campus** | Golm |
| **Fees & Charges** | [Semester fees and charges](https://www.uni-potsdam.de/en/studium/studying/organizing-your-studies/re-registration): yes Tuition fees: no |

Applying for a master’s degree generally requires you to hold an undergraduate degree, such as a bachelor’s degree. Your degree can be in biology. Other successfully completed university degrees in bioinformatics, computer science, physics or mathematics, not related to teaching programs, and with at least 180 credit points also qualify you for admission, as long as at least 6 credit points in programming can be documented.

In order to be considered for the Bioinformatics master's degree program, you will need English skills at B2 level. Applicants must also provide evidence of German language skills at least at level A2 (CEFR), e.g. through a German university entrance qualification or other qualifications, which you can find [here](https://www.uni-potsdam.de/en/studium/application-enrollment/before-application-enrollment/language-skills).

# Freie Uni Berlin

**Department of Mathematics and Computer Science  
Institute of Computer Science**

**Contact**

Ulrike Seyferth

**Address**

Arnimallee 3  
14195 Berlin

**Telephone**

(030) 838 75336 (only for questions concerning study requirements and subject, inquiries preferably by e-mail)

**Email**

[bioinf@math.fu-berlin.de](mailto:bioinf@math.fu-berlin.de)

**Homepage**

[Master’s Degree Program](http://www.mi.fu-berlin.de/en/bioinf/stud/studieninteressierte/index.html)

**Regulations**

[Study and Examination Regulations](http://www.imp.fu-berlin.de/fbv/pruefungsbuero/Studien--und-Pruefungsordnungen/SPO_-MSc_Bioinformatik_2019_EN.pdf)

[Erste Ordnung zur Änderung der Studien- und Prüfungsordnung (in German)](https://www.fu-berlin.de/service/zuvdocs/amtsblatt/2021/ab202021.pdf)

[Zweite Ordnung zur Änderung der Studien- und Prüfungsordnung (in German)](https://www.fu-berlin.de/service/zuvdocs/amtsblatt/2022/ab102022.pdf)

For admittance to the master’s program applicants need to fulfill the following admission requirements:

* **First Degree:**You need to have an university degree (bachelor or equivalent), either from Germany or an equivalent foreign degree, in a higher education program comprising at least six semesters that qualifies to practice a profession.
* **Language:** Either you (1) did earn your university degree at an education institution where English is the language of instruction or (2) you are required to prove English language skills at level B2 of the Common European Framework of Reference for Languages (CEFR).
* **Computer Science, Bioinformatics & Programming Skills:** You need at least 25 credits in computer science modules. Out of these, at least 10 credits need to be in modules in which you acquired knowledge in a imperative programming language, such as C/C++, Java or Python and at least 10 credits in the area of algorithms.
* **Mathematics/Statistics:**You need at least 25 credits in mathematical modules. Out of these, at least 10 credits need to be in the area of linear algebra or analysis and at least 10 credits in the area of statistics.
* **Biology/Chemistry/Biochemistry:**You need at least 25 credits in this area. Out of these, at least 10 credits need to be in the area of biochemistry, molecular biology and genetics.

Further information can be found in the [regulations on allocation of study placement](https://www.fu-berlin.de/service/zuvdocs/amtsblatt/2022/ab262022.pdf#G2156911) for the master’s program Bioinformatics (in German).

[Fees](https://www.fu-berlin.de/en/studium/studienangebot/master/bioinformatik/index.html#collapse_7578208_studGebuehren)

Students do not pay any tuition fees, the university only charges semester fees and contributions each semester.

[Subject](https://www.fu-berlin.de/en/studium/studienangebot/master/bioinformatik/index.html#collapse_7578208_studGegenstand)

The master’s program in bioinformatics is a direct response to a paradigm shift taking place in medicine and biological sciences. Further research in these areas rests on the evaluation of masses of biological data: here, the use of computers, combined with accurate mathematical models and efficient algorithms is essential. Employing adequate training in the various sub-disciplines, this program provides the required knowledge for students to be able to judge mathematical methods and models, to recognize relevant biological questions, and to correctly interpret the results of the models in a biological context.

For further information on the content and structure of the Master's program in Bioinformatics, please refer to the [Online Studies Selection Guide (OSA).](https://www.osa.fu-berlin.de/bioinformatics_msc/en/start/starting_page/index.html)

[Why Study Here?](https://www.fu-berlin.de/en/studium/studienangebot/master/bioinformatik/index.html#collapse_7578208_studStandortvorteile)

Several professorships and a number of research groups ensure high quality teaching in FUB's bioinformatics program. The program is a joint effort by FUB's Department for Mathematics and Computer Science, the Department for Biology, Chemistry, and Pharmaceutics, and the medical faculty of the Charité Berlin. In addition, there are several cooperations with institutions such as the Max-Planck-Institute for Molecular Genetics (MPI), the Max-Delbrück-Center (MDC), and the Konrad-Zuse-Center for Information Technology (ZIB).

[Basic Information](https://www.fu-berlin.de/en/studium/studienangebot/master/bioinformatik/index.html#collapse_7578208_kenndaten)

**1st Semester Admissions**

Restricted admission

**Admission for Higher Semesters**

Unrestricted admission (for 3rd semester for winter semester, for 2nd and 4th semester for summer semester)

**Program Start**

Winter semester

**Language**

English

**Degree**

Master of Science (M.Sc.)

**Duration**

4 semesters