



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Molecular Biosciences MSc

Heidelberg University • Heidelberg

Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	Course language is English.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	Programme start: mid-October
Application deadline	The application period starts in February and the application deadline is 15 March.
Tuition fees per semester in EUR	Varied
Additional information on tuition fees	<p>Under state law, there are no tuition fees for citizens of the European Union enrolled in so-called consecutive MA programmes at Heidelberg University.</p> <p>For non-EU citizens, tuition is 1,500 EUR per semester, due prior to the beginning of each semester (15 July/15 February).</p>
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Molecular Biosciences offers you the chance to continue your academic career in your preferred field of biosciences. You can choose between different majors: neuroscience, molecular and cellular biology, cancer biology, infectious diseases, developmental and stem cell biology, molecular and applied plant sciences, systems biology.</p> <p>Each major is designed to provide comprehensive but focussed training in the most exciting fields of modern biological research.</p>

Course Details

Course organisation	<p>The course takes four semesters (two years). The first year comprises formal course work and the second year is devoted to laboratory research (lab rotations, study abroad units and Master's project work). In the fast track (three semesters), modules from the third semester are shifted to the first and second semesters.</p> <p>A direct track to the PhD programme is possible for excellent students.</p> <p>First semester - Frontiers of Biosciences This semester consists of two course modules which provide a solid background in advanced molecular biosciences. Each module lasts nine weeks, of which three to six weeks are spent in course work and three weeks are allowed for exam preparation. The formal course work for each module consists of lectures which provide theoretical information, with accompanying tutorials. The lectures are attended by all students on the MSc course. At the end of the module students are examined on the content of the lecture course.</p> <p>Practical courses allow students to acquire diverse laboratory skills and to observe selected topics in practice. The practical courses are organised by the departments of each major. Each practical course is accompanied by a seminar in which relevant articles from the primary literature are critically discussed. The seminars also allow students to practise language and presentation skills. Practical and seminar groups are small (usually no more than twelve students), offering an excellent opportunity for interaction between students and teaching staff. Student participation in the practical courses and seminars contributes to the final grade.</p> <p>Second semester - Focus Bioscience This semester is organised in two modules with a similar structure to those in the first semester, but all of the teaching is specific to the major which has been chosen by the student.</p> <p>Third semester - Biolab and Working in Bioscience In this semester students undertake two lab rotations, working for six weeks on a small project in a laboratory of their choice, attending literature seminars in that laboratory and writing a lab report. Alternatively, students may choose to go abroad for one of the lab rotations in the context of special exchange programmes.</p> <p>Fourth semester - Master's thesis</p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> • International guest lecturers • Integrated study abroad unit(s) • Training in intercultural skills • Study trips • Courses are led with foreign partners • Projects with partners in Germany and abroad
Integrated study abroad unit(s)	<p>LSH: Leiden (LUMC), Stockholm (Karolinska Institutet), Heidelberg (Biosciences) - Life Science for Health, student exchange programme with biomedical focus</p> <p>Sorbonne: From fundamental molecular biosciences to biotherapies</p> <p>In Systems Biology: close cooperation with partner courses in Manchester, Luxembourg, Gothenburg, and Amsterdam; possibility of taking third-semester modules</p> <p>Further programmes related to the majors are being developed. We highly encourage students to use our mobility slot.</p>
Course-specific, integrated	No

German language courses

Course-specific, integrated English language courses	No
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Costs / Funding

Tuition fees per semester in EUR	1,500 EUR
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Additional information on tuition fees	<p>Under state law, there are no tuition fees for citizens of the European Union enrolled in so-called consecutive MA programmes at Heidelberg University.</p> <p>For non-EU citizens, tuition is 1,500 EUR per semester, due prior to the beginning of each semester (15 July/15 February).</p>
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Semester contribution	Approx. 185 EUR
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Costs of living	Approx. 800 EUR per month
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Funding opportunities within the university	Yes
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Description of the above-mentioned funding opportunities within the university	Limited number of scholarships
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Requirements / Registration

Academic admission requirements	Above-average Bachelor's degree (better than 2.4 in the German grading system)
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Language requirements	<p>Proof of English language skills (not necessary for native speakers) either by</p> <ul style="list-style-type: none">• Test of English as a Foreign Language (TOEFL) of at least 570 (paper-based), 230 (computer-based), or 90 (Internet-based);• International English Language Test System (IELTS) of at least 6.5;• Cambridge Certificate in Advanced English (CAE);• A certificate from the Faculty of Biosciences of Heidelberg University based on a Bachelor's thesis submitted in English or an interview with the selection committee held in English.
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Application deadline	The application period starts in February and the application deadline is 15 March.
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Submit application to	https://heico.uni-heidelberg.de/heico/ee/ui/ca2/app/desktop/#/login?\$ctx=lang=en
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Services

Possibility of finding part-time employment	Limited possibilities of finding a job as a student assistant
Accommodation	<p>Possibility of living in student residences or in private apartments</p> <p>The International Relations Office will help students find accommodation.</p> <p>The "Studentenwerk" also offers an "all-inclusive service package" for international students, which includes accommodation and public transport as well as various additional services (depending on the chosen package), such as meals, insurance, Internet access, or bicycles. Prices start from approx. 1,360 EUR per semester for the basic package. Health insurance is compulsory for all students.</p>
Support for international students and doctoral candidates	<ul style="list-style-type: none">• Welcome event• Buddy programme• Tutors• Accompanying programme• Specialist counselling

Contact

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🌐 Course website: <https://www.bio.uni-heidelberg.de/en/study-and-teaching/study-programmes/master-of-science-molecular-biosciences>

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International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

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Disclaimer

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