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Warning: Data can be lost, if the form is filled using a browser tool and/or if the form is uploaded directly without having it printed.

## Application Form - Master of Science in Biological Sciences, University of Cologne

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### Personal Data

Last Name	First Name
Date of Birth	City and Country of Birth
Gender	Nationality

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### Address

Email (Important for being contacted! Please carefully check)	Phone Number
Street and Number	additional address details, if applicable
ZIP code	City
Country	

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### Bachelor degree

or equivalent

Degree, as given on the certificate and diploma; with specialization, if applicable

Title of Bachelor Thesis (or research project)

University, City, Country

OR

Graduation Date

Final Grade (as certified)

Expected graduation date

Preliminary Grade (as certified)

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### Additional Degree(s)

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### University Entrance Qualification/ High School leaving certificate

School

City / Country

Date

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### Proficiency in English

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### Preferred Study Area

This is an essential information  
for assignment of 1st term seminar module

1<sup>st</sup>

2<sup>nd</sup>

3<sup>rd</sup>

**Description of the study content of the bachelor's (or equivalent) degree and information on additional qualifications, if applicable.**

Required for admission to the Master of Science in Biological Sciences are:

(1) 75 ECTS credit points of courses in biology, such as from the study areas of Biochemistry, Bioinformatics/Computational Biology, Botany/Plant Science, Cell Biology, Developmental Biology, Genetics, Ecology, Microbiology, Molecular Biology, Neurobiology/Neuroscience, Physiology, and Zoology. At least 3 of these study areas have to be represented.

(2) these 75 CP must include 24 ECTS credit points of practical (hands-on) training.

(3) additional 5 ECTS credit points of courses in Mathematics, Physics and/or Statistics.

(4) additional 12 ECTS credit points of courses in Inorganic Chemistry, Organic Chemistry and/or Physical Chemistry .

*(Note: 1 ECTS credit point corresponds to 30 h total workload. One year of a full-time study program corresponds to 60 ECTS credit points.)*

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**Every Applicant**, with the exception of applicants who have completed or will complete a Bachelor of Science in Biology, Biochemistry or Applied Biology in Germany, must provide the following information:

Specify all courses that include practical / hands-on training in study areas of Biochemistry, Bioinformatics/Computational Biology, Botany/Plant Science, Cell Biology, Developmental Biology, Genetics, Ecology, Microbiology, Molecular Biology, Neurobiology/Neuroscience, Physiology, and/or Zoology.

Please list (a) the topic, (b) the time frame (how many hours per week, how many weeks), (c) the techniques you have applied (e.g. microscopy, western blot, electrophysiological recordings etc.)

Required is the equivalent of 24 ECTS credit points of practical (hands-on) training , which corresponds to ~4 month of a full time study program, 720 hours total workload.

**Only applicants who submit certificates and transcripts that do not specify ECTS credit points need to provide the following information:**

List the courses in the field of Biology that are equivalent to 75 ECTS credit points and specify the study area as listed above

(75 ECTS credit points are equivalent to 2,5 terms of a full-time study program, 2.250 hours total workload):

List additional courses in Mathematics, Physics and/or Statistics that are equivalent to 12 ECTS credit points

12 ECTS credit points are equivalent to ~2 month of a full time study program, 360 hours workload.

List additional courses in Anorganic Chemistry, Organic Chemistry and/or Physical Chemistry that are equivalent to 12 ECTS credit points

12 ECTS credit points are equivalent to ~2 month of a full time study program, 360 hours workload.

Use this space for additional general comments (not required):