



UNIVERSITY OF
HOHENHEIM



As of Winter Semester 2026/27

Curriculum

Biotechnology

Master of Science

Dear students

This curriculum provides you with comprehensive information on the Master's program in Biotechnology. It contains information on the course structure and summarizes the most important examination regulations.

Please keep in mind that all information in this guide is subject to change. For the latest information, please visit the website of the University of Hohenheim at **www.uni-hohenheim.de**.

Should you have further questions regarding your studies, please visit our guide to advising at **www.uni-hohenheim.de/en/guidance-counselling** or contact your study counsellor at **fb@uni-hohenheim.de**.

We hope you enjoy your stay at the University of Hohenheim and wish you all the best for your studies!

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1. Program design

Final degree	Master of Science (M. Sc.)
Standard period of study	4 semesters (120 ECTS-Credits)
Type of program	Full-time, on site
Language of instruction	English

1.1 Contents and aims of the degree program

The program in Biotechnology is concerned with the properties, the production processes and the manifold applications of enzymes and microorganisms in the food industry and for bioanalytical purposes.

Microorganisms are especially good producers of enzymes, since they can be cultivated in bioreactors under controlled, secure and standardized conditions. In comparison to other organisms, such as plants and animals, microorganisms have the highest level of productivity.

Enzyme technology explores enzymatic production processes. This requires knowledge of biochemical methods, including the filtration, purification and characterization of enzymes, enzyme kinetics, the immobilization of enzymes, gene expression and the mutagenesis of recombinant enzymes.

The program in Biotechnology is both interdisciplinary and research-oriented. You learn how to independently organize, realize, present and publish fundamental as well as application-oriented research projects. You acquire the necessary key skills in the theory and practice of enzyme and biotechnology as well as corresponding qualitative and quantitative methods of analysis. Moreover, you will be able to also take modules from the adjoining Master's programs in Food Science and Engineering, Food Systems, Clinical Nutrition, Molecular Nutritional Science and Biology as well as from Master's programs of the Faculty of Agricultural Science and the Faculty of Business & Social Sciences.

1.2 Learning outcomes

Below is a schematic overview of the learning outcomes for the program in Biotechnology. It helps you identify the knowledge and skills you acquire over the course of your studies.

	Professional skills	Cognitive skills	Key skills
	Upon completion of your studies you...		
Knowledge	- possess comprehensive and in-depth knowledge of the field of enzyme technology, food microbiology and biotechnology and can clearly communicate its scientific basics, even to laymen. - are able to grasp new and unknown facts and developments in the field of food science and incorporate them into and thereby expand upon already existing knowledge.	- are able to describe the principle of a method in detail from a natural scientific point of view. - quickly comprehend new and unknown facts and developments in the adjoining disciplines of food science, nutritional science as well as biology by drawing on existing knowledge, which is expanded in the process.	- possess critical thinking skills. - are able to work efficiently towards a goal, both independently and as part of a team. - are able to design, coordinate, execute and analyze diverse projects. - possess the ability to correctly and diligently conduct scientific work and you can transfer this attitude to other non-scientific areas of operation. - can take part and contribute to (scientific) discussions as well as moderate them. - know how to deal with contrary opinions in a productive manner. - are able to confidently give presentations - know how to express yourself appropriately in spoken and written form.
Application	- develop new ways to utilize enzymes and microorganisms in the life science industry by connecting theory to praxis. You are familiar with necessary laboratory equipment and can derive application-oriented concepts from experimental work. - are able to utilize your subject-specific knowledge in a problem-oriented manner.	- are able to transfer knowledge to diverse fields of operation. - are able to combine knowledge of the fields of enzyme technology, food microbiology and biotechnology with developments in adjoining disciplines, such as food science or nutritional science in order to develop inter- and transdisciplinary concepts and methods.	
Analysis	- can easily implement existing methods in innovative problem-solving strategies and know how to modify existing methods when required to suit a particular problem. - are able to analyze your own methods and strategies and optimize them if necessary.		

1.3 Structure of the program

The program in Biotechnology has a modular block structure. All modules consist of compact courses lasting four weeks, with new modules commencing every fifth week.

Over the course of the two-year program, you need to successfully complete modules totaling at least 120 credits, including the Master's thesis. This includes

- **compulsory modules** in the amount of a minimum of **37.5 credits**,
- **elective modules** in the amount of a minimum of **52.5 credits**,
- **Master's thesis** which awards **30 credits**.

The table below shows the structure of the program and represents the ideal course of studies:

	1 st module slot (7.5 credits)	2 nd module slot (7.5 credits)	3 rd module slot (7.5 credits)	4 th module slot (7.5 credits)
1 st semester	Food Microbiology (1501-440)	Biotechnology (1502-450)	Recombinant Proteins (1506-430)	Chemical Analytical Methods (1508-400)
2 nd semester	Elective Modules			
3 rd semester	Project Work (1500-530) - module may be completed in any module slot -	You choose elective modules in the amount of 52.5 credits.		
4 th semester	Master's Thesis (1500-400)			

During the **first semester**, you acquire fundamental knowledge of the identification and recovery of enzymes and microorganisms in the life sciences and its connected industries. This includes a comprehensive introduction to food microbiology, enzyme analysis and their corresponding methodologies and research strategies.

From the **second semester** onwards, you freely plan your studies according to your individual interests and preferred areas of specialization. While your approach to the

program may thus differ, you will, in all cases, increasingly conduct independent research from the second semester onwards. During selected modules, excursions to relevant industry and businesses may take place. Furthermore, the module catalogue also includes modules in the areas of food science and engineering, nutritional sciences and biology. This allows you to develop your scientific qualifications to include subject areas adjacent to and beyond the field of biotechnology.

The module **“Project Work”** serves to introduce you to working on a scientific project independently and prepares you for your Master’s thesis. It is therefore usually completed at the department at which you plan to write your Master’s thesis. This way, you are able to familiarize yourself with the laboratories, methodologies and the staff before commencing your thesis work. You are free to choose when you want to complete your “Project Work”, but you must complete it before starting to write your Master’s thesis at the latest. We recommend you do your project work in the third semester, shortly before starting work on your Master’s thesis. The “Project Work” is done in consultation with a supervisor (postgraduate scientific staff member) assigned by the department.

Industrial internships may be integrated in the course of your studies on an individual basis. Depending on the duration and contents of the internship, you may be awarded credits. To be awarded credits, you need to discuss your plan to do an internship as an elective module with a supervising professor (primarily Professor Dr. Herbert Schmidt) **before the internship begins** to establish a timeframe and academic requirements. For detailed information on internships, please see the “Internships” section.

With the completion of your **Master’s thesis** at the end of the fourth semester, you demonstrate your ability to conduct independent scientific work. If you want to complete your Master’s thesis at a facility outside the University of Hohenheim you can find more information in the “Master’s thesis” chapter.

2. Examination Regulations



Important regulations and deadlines concerning your studies can be found in the *examination regulations for the Master's program in Biotechnology*. Please read them carefully at the beginning of your studies.

← <https://www.uni-hohenheim.de/en/examination-regulations>

3. Modules

The program in Biotechnology consists of compulsory and elective modules. You will earn credits for each completed module. Each module awards 7.5 credits and lasts four weeks (unless specifically stated otherwise). In order to complete a module, you need to pass the module examination as explained in chapter "Examinations".

Block times are:

Winter Semester 2026/27		Summer Semester 2027	
Block	Module dates	Block	Module dates
1	12.10. – 06.11.2026	1	05.04. – 30.04.2027
2	09.11. – 04.12.2026	2	03.05. – 14.05.2027 24.05. – 04.06.2027
3	07.12. – 22.12.2026 07.01. – 15.01.2027	3	07.06. – 02.07.2027
4	18.01. – 12.02.2027	4	05.07. – 30.07.2027

Detailed information on semester dates can be found online at **www.uni-hohenheim.de/en/semester-dates**. Information on individual modules, their corresponding courses, the current state of modules on offer as well as on how to register for exams may be obtained at **www.uni-hohenheim.de/module-catalogue**.

A tool for creating individual timetables is available at **<https://hohcampus.uni-hohenheim.de/en/hohcampus-help-schedule>**.

Each module has a specific **module code**. The first four digits of the module code designate the institute and the department of the module responsible. The following three digits designate the type of module and the relevant study section as well as the associated courses:

1100-000 = number of the Institute (11 - 19 for Faculty of Natural Sciences)

000**1**-000 = department of an Institute (01 - 99 possible)

0000-**010** = module designation:

000 - 390 modules for Bachelor students

400 - 690 modules for Master students

900 modules for doctoral candidates

0000-01**1** = course 1 of a module (1 - 9 courses possible)

3.1 Compulsory modules

The following compulsory modules must be completed to obtain the degree:

Semester	Block	Module code	Module title
1 st	1	1501-440	Food Microbiology
1 st	2	1502-450	Biotechnology
1 st	3	1506-430	Recombinant Proteins
1 st	4	1508-400	Chemical Analytical Methods
any	any	1500-530	Project Work (Compulsory)

3.2 Elective modules

Elective modules provide you with the opportunity to specialize in an area that corresponds to your personal and professional interests.

Below, you can find an overview of elective modules recommended for the program in Biotechnology. Additionally, you can choose modules from other Master's programs within the Faculty of Natural Sciences. If you want to choose modules from other Master's programs offered at the University of Hohenheim or at other German or foreign universities, you need to petition the board of examiners. Elective modules may also include internships. For more information on internships, please read the corresponding chapter.

Elective modules in the summer semester

Block	Module code	Module title
1	1507-510	Soft Matter Science II – Food Physics
1	1405-400	Nutrigenomik (taught in German)
1	1908-610	Methods for Analyzing Protein Complexes in Model Bacteria
1	1508-500	Flavor Biotechnology
2	1505-530	Advanced Technologies for Dairy Products and Alternatives
2	1509-500	Advanced Process Engineering Techniques for Cereal Processing
2	1510-420	Integrated Bioprocess Engineering - Bioproduction
2	1909-430	Cellular Microbiology
2	1906-420	Modulation von Signalkaskaden (taught in German)
2	1101-410	Applied Mathematics for the Life Sciences II
2	1403-500	Biology of Aging and the Impact of Nutrition
3	1503-500	Food Process Design II – Process Integration and Scale-up
3	1504-450	Technologie Pflanzlicher Lebensmittel (taught in German)
3	1507-520	Food Product Development: From Concept Ideation to Product Launch
3	1301-450	Metal Coordination Chemistry in Biomolecules
4	1501-410	Identification and Characterization of Food Borne Microorganisms
4	1503-540	Drying, Granulation and Instantization
4	1510-600	Integrated Bioprocess Engineering - Genetic Engineering Methodology
4	1508-410	Advanced Flavor Chemistry

Block	Module code	Module title
any	1505-450	Online Dairy Science and Technology (5 ECTS)
any	4407-480	Introduction to Machine Learning in Python
any	1500-020	Free Project Work
any	1500-520	Project Work (Elective)
tba	1000-470	UNIcert ® III English for Scientific Purposes (C1)
tba	1000-480	UNIcert® II Deutsch als Fremdsprache (B2)
any	1500-440	Portfolio Module (Food Master)

Elective modules in the winter semester

Block	Code	Module title
1	1507-500	Advanced Meat Science and Technology
1	1505-520	Innovative Technologien für Milchprodukte und pflanzliche Alternativen (taught in German)
1	1511-400	Computational Thinking
1	1904-410	Advanced Light- and Electron Microscopy
2	1503-510	Process Driven Product Design: Cereals and Sweets
2	1101-400	Applied Mathematics for the Life Sciences
2	1510-440	Integrated Bioprocess Engineering – Upstream Processing
2	1922-430	Molekulare Sinnesphysiologie (taught in German)
2	1501-460	Genetic Engineering Techniques in Microbiology
2	1507-520	Food Product Development: From Concept Ideation to Product Launch
2	1402-460	Arzneistoffe & Ernährung (taught in German)

Block	Code	Module title
3	1510-430	Integrated Bioprocess Engineering – Bioseparation Process Science (Downstream Processing)
3	1503-520	Food Process Design I – Efficient Processing and Transport Phenomena
3	1906-410	Rekombinante Expression von Signalmolekülen (taught in German)
3	1504-510	Alternative Food Protein Solutions
3	1909-450	Cellular Microbiology and Structural Biology
3	1403-400	Global Nutrition and Food Security
4	1504-520	Insights into Food Production and Entrepreneurship
4	1505-500	Soft Matter Science I – Food Rheology and Structure
4	1502-410	Enzymatic Reactions
4	1401-440	Interdisciplinary Perspectives on Protein in Future Nutrition
4	1512-400	Biomaterials and Tissue Engineering
any	1500-020	Free Project Work
any	1500-520	Project Work (Elective)
tba	4611-440	The Bacterial Genome, from Culture to Functional Reconstruction
tba	4902-430	Food and Nutrition Security
tba	1000-470	UNlcert ® III English for Scientific Purposes (C1)
tba	1000-480	UNlcert® II Deutsch als Fremdsprache (B2)
any	1500-440	Portfolio Module (Food Master)

3.3 Internships

As part of the curriculum, you have the opportunity to complete an internship and be awarded credits. An internship may be done at a national or international research center or at a research and development department of a company in Germany or abroad that is related to the life sciences. This includes the food, biotechnology, pharmaceutical as well as their supplying industries, the sector of plant design and engineering as well as process technology.

You have to find an internship placement on your own; however, the Internship Office (www.uni-hohenheim.de/en/internship) and the CareerCenter (www.uni-hohenheim.de/en/cch) can offer assistance. **Prior to beginning your internship, you also need to find a supervisor** (primarily Prof. Herbert Schmidt). The supervisor decides whether the internship placement is appropriate and also assesses the mandatory internship report. Please be aware that while internships may last longer than six or twelve weeks, respectively, no additional credits can be awarded. We nevertheless encourage you to complete a prolonged internship in order to gain experience.

There are two options within the module **1500-550**:

Slot	Module title
any	Internship (Industrial placement) - 6 weeks, 7,5 ECTS
any	Internship (Industrial placement) - 12 weeks, 15 ECTS

3.4 Master's thesis

Your Master's thesis shows that you are able to work independently on a topic in the field of biotechnology within a period of six months by applying scientific methods. It is usually written during the fourth semester. Thesis work includes a literature review, compilation of original data as well as a period of write-up. You need to find a thesis supervisor – a professor or a *Privatdozent/in* – on your own. The thesis is usually written at the department at which you have completed your "Project Work".

The Master's thesis examination consists of a written part (thesis) as described above and, if applicable, an oral defense (colloquium). Whether a colloquium is part of the Master's thesis is decided by your supervisor. In the colloquium, you have to defend the essential arguments, methods and results of your thesis.

You have to register your Master's thesis with the Examinations Office immediately once your thesis supervisor has assigned the topic. Please use the form available online at the Examination office (**<https://www.uni-hohenheim.de/en/examinations-office-final-thesis>**). You have to register your Master's thesis six months after you have passed your last module examination at the latest.

3.4.1 Recommendations for writing a Master's thesis¹

Length The Master's thesis should be approximately 50 to 80 pages long, excluding the bibliography and addendum.

Layout

Format

- Language: English
- Passive voice ("The experiment was designed to show...")
- Continual paging
- Page margins: top: 2.5 cm; bottom: 2 cm; left: 3 cm, right: 2 cm
- Distance of header from top 1.25 cm; distance of footer from bottom: 1.25 cm
- Paper format DIN A4 (portrait format)

Font

Choose a font that is big enough and easily legible, e.g. Arial, Times New Roman or Helvetica 12pt, (variables in equations and Latin names or the names of microorganisms: in italics). 1.5-line spacing. Grouped style is recommended.

Citing journals, books or the internet

The citational style has to be consistent – once a style has been chosen, you have to adhere to it throughout the text. The use of citation managing programs, such as Citavi, RefManager or Endnote, is recommended.

An example for a journal citation:

Author A, author B, Title of the text, (acronym of the) journal volume, pages xx-yy (year)

¹ Deviations are possible in consultation with your supervisor.

An example for a book citation:

Author A, author B; in Title of the book; editor A; Publishing house, publishing place (year); pages xx-yy.

If you are using sources found on the internet, they have to be cited.

The following information should be included in the citation:

Name, First name of the author, title of the publication, publishing organization if applicable, url, date of retrieval

Outline

Every Master's thesis should have the following outline:

1. Cover
2. Declaration
3. Table of contents
4. Introduction
5. Materials and methods
6. Results
7. Discussion
8. Conclusion
9. Summary in German and English
10. Bibliography
11. Addendum (if applicable)

Bibliography

Material not authored by you, such as citations, research results, charts, photos, illustrations, etc., have to be clearly indicated.

The bibliography includes all citations in alphabetical or numerical order. We expect our students to engage with primary literature and reviews. Cited literature should always be up to date.

Any online encyclopedia, such as Wikipedia, or other commercial information material (company flyers, advertisement brochures, internet platforms) are not to be used.

Addendum

Additional material, such as tables, extensive derivations, computer codes, etc., which would interrupt the flow of the text, are added here. Acknowledgments, dedications, etc. may be added to the Master's thesis. These are, however, not required and not given page numbers or included in the table of contents as they are not part of the scientific text.

Declaration At the beginning of the Master's thesis every student has to declare to be the sole author of the text. The declaration form can be found online at the Examination Office and the text is as follows (according to German law this text has to be in German, please find a translation below):

„Hiermit versichere ich, dass ich die vorliegende Arbeit selbstständig verfasst habe. Dabei wurden keine anderen als die angegebenen Quellen und Hilfsmittel verwendet. Wörtlich oder inhaltlich übernommene Stellen wurden als solche kenntlich gemacht.“

Place, date

Signature

(“I hereby declare to be the sole author of this text. I have used no other than the cited sources and aides. Citations, direct or indirect, are marked as such.”)

In addition, if relevant, an overview of the AI Tools used must be submitted (for further details, please check **<https://www.uni-hohenheim.de/en/use-of-generative-ai-in-exams>**).

Cover The layout for the cover page is on the following page.

UNIVERSITY OF HOHENHEIM
Name of the institute

Title of the Master's thesis

Master's Thesis

Degree program:

Handed in by
(Name)

Head of Department:

1. supervisor :

2. supervisor :

Topic issued on :

Date of submission :

3.4.2 Writing your Master's thesis outside the University of Hohenheim

Only if you are unable to find a suitable Master's thesis topic at the University of Hohenheim and **only if a professor from Hohenheim as well as the examination board agree, it is possible to write your thesis at an external institution**. The external institution must provide proper conditions for conducting research at university level. An external Master's thesis is supervised by a professor in Hohenheim and a person from the external institution in cooperation, as long as the supervisor possesses qualifications equal to those of a professor at Hohenheim. This means that you can write your Master's thesis, e.g. at a research and development department of a company meeting the required scientific and academic standards and that a qualified person at that company may issue the thesis topic and supervise your work in cooperation with the university.

If you want to write your Master's thesis at an institution outside the University of Hohenheim, **please follow these steps before you start with your thesis**:

1. Contact the professor heading the department corresponding to your desired thesis topic to seek approval to write your thesis outside of the University of Hohenheim. Discuss your thesis as well as the institution at which you would like to conduct your research with the professor. If your supervisor at the external institution is not a full-time scientific staff member at the Faculty of Natural Sciences, ask the professor to be your second supervisor. Further, the professor at Hohenheim has to agree to the thesis topic proposed by the external supervisor.
2. If the professor agrees to your proposed thesis work, you need to petition the examinations board in a formal letter for its approval. Please include the following information in your petition:
 - **Title** of your proposed thesis and an **exposé**
 - The **reason** for conducting your thesis work at an external facility
 - Name of your **external supervisor**
 - Name of your second **supervisor at Hohenheim**.
3. Once the examinations board has approved your petition, your supervisor may assign your topic and you must register the thesis immediately with the Examinations Office. Please use the form available online at **<https://www.uni-hohenheim.de/en/examinations-office-final-thesis>**.

3.4.3 Submitting your Master's thesis

The Master's thesis must be submitted in electronic form (in .pdf file format) to the Examinations Office by the deadline. In addition to the digital version, the submission of printed copies may be requested by the supervisor. Along with these documents, you have to submit a written declaration of originality, declaring to be the sole author of the submitted work and that all sources and aids have been indicated as such. Additional information can be found at: **www.uni-hohenheim.de/en/examinations-office-final-thesis**.

4. Examinations

Every module of the Master's program in Biotechnology is completed with an examination. Types of examinations offered at the University of Hohenheim include written and oral examinations, protocols of practical courses, reports, preparation and presentation of contributions to seminars as well as colloquia. Information on examinations for specific modules may be found in the module catalog at **www.uni-hohenheim.de/module-catalogue**.

4.1 Registration

Examinations of blocked modules are usually held at the end of the respective block. For blocked modules registration must be completed seven days before the examination takes place at the latest. You have to register for every examination you decide to take online through *HohCampus* at **<https://hohcampus.verw.uni-hohenheim.de>**.

You have the option of withdrawing from an examination online at the latest seven days before the examination date. In case of withdrawal, you are not automatically registered for the upcoming examination date. Please register for the next date during the registration periods.

Coursework may be a prerequisite for taking an examination. Please see the respective module description at **www.uni-hohenheim.de/module-catalogue** for detailed information on the specific requirements for taking an examination.

Information on the respective valid examination regulations, deadlines, examination dates, etc. may be obtained at the Examinations Office or online at **www.uni-hohenheim.de/en/exams**.

4.2 Examination resits

It is possible to resit an examination once. It is not possible to resit an examination which has already been passed.

If you fail an examination, you are not automatically registered for the second trial but need to register for another examination date within the applying registration periods. Examination resits for blocked modules take place either in the upcoming examination period or are scheduled by the responsible professor. In some cases, the resit date has not been set at the time of notification. If this is the case, please check the resit dates with the respective professor or the Examinations Office.

4.3 Grading system

The examination result is expressed in grades according to the grading table below. A minimum grade of 4.0 is required to pass an examination and complete a module. Some modules are not graded and are either passed or failed.

	German	English
1,0 1,3	<i>sehr gut</i>	very good
1,7 2,0 2,3	<i>gut</i>	good
2,7 3,0 3,3	<i>befriedigend</i>	satisfactory
3,7 4,0	<i>ausreichend</i>	sufficient
5,0	<i>nicht ausreichend</i>	fail

4.4 Overall grade

Once you have passed all compulsory modules and completed at least 120 credits, the Master's degree in Biotechnology is completed. The overall grade is calculated as the weighted average of all grade scores achieved in all modules, including the Master's thesis. The individual grades are weighted based on the corresponding number of credits. Ungraded modules are not taken into account for the calculation of the

final grade, but are counted for the minimum 120 ECTS. The resulting overall grade is rounded mathematically to one decimal digit. Results above 4.0 are always rounded up to 5.0. The distinction “with honors” is awarded if the master’s thesis is graded 1.0 and the overall grade for the master’s program is between 1.0 and 1.2, inclusive.

4.5 Recognition of credits obtained abroad

Credits obtained at another university during an exchange period can be recognized by the examinations board and thus contribute towards your degree. The awarding institution has to be equivalent to a German university and the competencies imparted by the courses taken must not exhibit substantial differences to the competencies of the program in Biotechnology.

4.6 Cheating and plagiarism

If you attempt to influence the result of an examination by cheating or using forbidden aids the respective examination is assessed with “fail” (5.0). This includes plagiarism, i.e. the use of content taken from the internet or other sources without properly quoting or indicating the source.

Teaching staff may require you to attach a declaration of originality to written examinations or assignments and demand them to be handed in in digital form. Please ask the respective supervisor before submitting your work.

5. Language courses

The Language Center of the University of Hohenheim offers courses in more than ten languages, including German.

For more information on German language courses and all other language courses please visit **www.uni-hohenheim.de/en/language-center**.

6. Extending the period of study

The standard period of study is four semesters. However, you are not required to complete your studies within that time. There are ways and reasons to extend the period of study. The maximum period of study is seven semesters!

6.1 Extending the period of study before all modules are completed

If you have yet to complete your regular modules, excluding the Master's thesis, it is possible to take a semester on leave (*Urlaubssemester*). During this time, you are free to spend a semester abroad and take courses and examinations at a host university. Completed modules can be recognized by the University of Hohenheim and thus contribute towards your degree. It is also possible to complete an internship, which may also be an extension of an internship done as part of an elective module (see page 9 for more information on internships).

A semester on leave provides you with the necessary flexibility to design the course of your studies on an individual basis. This does not necessarily extend your period of study as examinations completed during an exchange semester, for example, can be fully recognized. For further information on reasons for being granted a semester on leave please visit **www.uni-hohenheim.de/en/semester-on-leave**.

6.2 Extending the period of study after all modules are completed

Once you have successfully completed your last module, with only the master's thesis left, you have six months before you are required to begin working on your thesis. However, please be aware that the maximum period of study is seven semesters, which cannot be extended. You may, of course, also opt to start writing your thesis right away.

These six months provide you with the opportunity to do an internship or spend a semester abroad. However, neither of these activities can be recognized since all credits necessary to complete your degree have already been accumulated.

For further information on exchange semesters please visit the website of the Office of International Affairs at **exchange.uni-hohenheim.de**.

7. Career prospects

The Master's program in Biotechnology provides you with a well-rounded interdisciplinary, applied, natural scientific education. Depending on your specialization and practical experience, the following fields in the food, biotech, cosmetics, chemicals or pharmaceutical industry may be of interest to you:

- research and development

- project management
- quality assurance and management

With an above-average degree you also have the option of pursuing further academic qualifications by obtaining your doctorate at a university in Germany or abroad. This provides a path to leading positions in research and development or, if you are interested in economics, into management positions at international companies.

If you want to enter the job market outside academia, we would like to advise you to contact the CareerCenter for guidance. The CareerCenter Hohenheim is a service center and the first contact point for students and graduates for guidance when creating your own profile as well as assistance with your career entry and career planning. For more information please visit **www.uni-hohenheim.de/en/career-entry**.

8. Completing your studies

You have successfully completed your studies and would like to use your degree certificate to apply for a job? No problem, but please keep the following in mind:

- Only after you have completed all exams and all of your grades have been entered into the system, your diploma can be issued. Once all grades have been entered into the system you may exmatriculate and do not need to re-register for the next semester. If you exmatriculate or forego re-registration before all grades have been entered into the system, your studies are considered to have ended prematurely with exams either not taken or not entered into the system.
- If you re-register due to missing entries in the system, you do not have to pay the semester fees.
- Details can be found at **<https://www.uni-hohenheim.de/en/exmatriculation>**.

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