



Study Regulations for the Master's of Applied Science Programme in Life Sciences at the School of Life Sciences and Facility Management, Zurich University of Applied Sciences (ZHAW)

(as of 16 November 2017)

Disclaimer

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The university administration,

based on Section 2 of the General Academic Regulations for Bachelor's and Master's Programmes at the Zurich University of Applied Sciences (ZHAW) as of 29 January 2008,

stipulates:

A. General terms and conditions

Subject

§ 1. ¹ In addition to the General Academic Regulations for Bachelor's and Master's degree programmes at the ZHAW as of 29 January 2008, these study regulations regulate the Master's degree programme in Life Sciences.

2. The Master's programme is offered in cooperation with the Bern University of Applied Sciences (BFH), the University of Applied Sciences and Arts Northwest Switzerland (FHNW) and the University of Applied Sciences and Arts Western Switzerland (HES-SO).

Appendix

§ 2 Details of the degree programme, in particular the modules to be taken, are specified in the appendix.

Specialisations

§ 3. ¹ The Master's programme can be pursued in the following specialisations:

- a. Food and Beverage Innovation;
- b. Pharmaceutical Biotechnology;
- c. Chemistry for Life Sciences or;
- d. Applied Computational Life Sciences.

² A change of specialisation must be requested in writing to the Programme Director, who then decides on whether to approve the change.

Study format

§ 4. ¹ The Master's programme can be pursued as a full-time or part-time programme.

² The students determine the sequence of the modules and the attendance per semester chosen from the range of options being offered that semester. The modules to be attended are recorded in an individual study agreement (ISA), which is approved by the Programme Director.

³ A change from full-time to part-time studies (or vice versa) must be applied for in writing to the Programme Director.

Duration and scope of study

§ 5. Full-time study last three semesters and comprises 90 credits. In part-time study, the duration of the course is extended accordingly.

Awarding of credits

§ 6. ¹ Credits acquired at the ZHAW or elsewhere shall be recognised for ten years from the semester of acquisition.

² The Programme Director decides on exceptions.

Crediting of previously acquired knowledge

§ 7. ¹ Students with a tertiary degree in the area of the specialisation chosen may be granted a maximum of 30 credits for a minimum of two years work experience in a field relevant to the study profile.

² A maximum of 15 ECTS credits can be granted for completing a Master's degree course in life sciences, business or a related field.

B. Admission

Admission decision

§ 8. The university at which the application was received is responsible for deciding on the admission.

Conditions for admission

§ 9. ¹ Admission to the Master's programme is granted to those who:

- a. have a Bachelor's degree in one of the fields of study listed in the appendix with grade A, B (or equivalent performance), or;
- b. have an equivalent university degree with assessments compliant with point a. above.

² Admission to one of the cooperation partner's universities is not transferable to another university or another specialisation at the same university.

Aptitude test, conditions and additional requirements for admission

§ 10. ¹ Prospective students who do not completely, but largely meet the admission requirements, may take an aptitude test.

² The type and number of examination subjects depend on the educational background of the candidate.

³ The individual examinations are taken orally or in writing.

⁴ The aptitude test may be repeated once.

⁵ If the aptitude test is passed, a place will be made available within two years of taking it, within which time the approval procedure must then be repeated.

⁶ In the case of applicants who do not fully meet the admission requirements, the Head of Specialisation may, in consultation with the Programme Director, impose additional requirements in the form of supplementary certificates of competence or supplementary requirements for admission to the individual specialisations. These must be fulfilled by the end of the first academic year at the latest.

Additional admission requirements

§ 11. ¹ The ZHAW may include in the appendix additional admission requirements for the individual specialisations, which apply to all applicants.

² Applicants who speak a foreign language may be required to provide proof of sufficient knowledge of the language(s) of instruction.

Delay in approval

§ 12. ¹ There is a minimum number of participants for individual specialisations for the Master's programmes.

² If the number of participants for a specialisation is too low, candidates can be waitlisted.

C. Examinations and other performance records

Master's Thesis

§ 13. ¹ The Master's programme ends with a thesis in the chosen specialisation. The Programme Director decides on justifiable exceptions.

² The Master's thesis is an independent piece of work and must be done individually. It consists of an oral and a written part.

³ Work on the Master's thesis can commence ³ at the beginning of the course.

⁴ For Proofs of Performance in the Master's thesis, an amendment can be made should the overall assessment lie between 3.50 and 3.99 (Swiss grading system) or is given the rating 'failed (amendment possible)'. A grade of 4.00 or the rating 'passed' is awarded for a successful amendment. Should the Master's thesis be assessed with the grade 3.49 or lower or with the grade 'failed', or should the amended Master's thesis also be assessed as unsatisfactory, it must be repeated.

Conditions of performance

§ 14. ¹ The Programme Director determines the conditions for the proof of competence in the specialised modules.

² The Steering Committee determines the conditions for the proof of competence as well as the change, repetition, and amendment possibilities for the cooperation modules.

Oral examiners

§ 15. ¹ Oral examinations take place with the participation of experts.

² The experts have an advisory function and keep a keyword record. They ensure that the test is carried out correctly.

³ The assessment is carried out in agreement with the examining lecturers.

⁴ If no agreement is reached, the examining lecturer makes the final decision.

Repetition

§ 16. Should a module not be passed, all the competence requirements of the module have to be repeated.

D. Graduation and Master's degree

Title

§ 17. ¹ The Master's programme is entitled 'Master of Science ZFH in Life Sciences with specialisation in

- a. Food and Beverage Innovation;
- b. Pharmaceutical Biotechnology;
- c. Chemistry for the Life Sciences or;
- d. Applied Computational Life Sciences.'

Conditions of graduation

§ 18. The Master's degree is successfully passed if;

- a. a total of 90 ECTS credits is earned and
- b. all modules are passed in compliance with the regulations outlined in the appendix.

Surplus modules and credits

§ 19. Surplus modules or credits are taken into account. The documentation of surplus modules is regulated in the appendix.

Final grade

§ 20. The final grade is calculated from all modules in the study programme passed in compliance with the regulations in the appendix. The module grades are weighted by credits.

E. Concluding provisions

Repeal of current regulations

§ 21 ¹ These Study Regulations replace the Study Regulations for the Master's Programme in Life Sciences of the School of Life Sciences and Facility Management at the Zurich University of Applied Sciences of 20 March 2014.

Transitional provisions of 16 November 2016

§ 22. ¹ The Master's programme in the 'Natural Resource Sciences' specialisation will be offered for the last time in the autumn semester 2017/2018.

² For the 'Natural Resource Sciences' specialisation, the transitional provisions of the Study Regulations for the Master's programme Environment and Natural Resources at the Zurich University of Applied Sciences of 16 November 2016 apply.

Transitional provisions of 16 November 2017

§ 23. Students who started their studies under the study regulations of 20 March 2014 are subject to the following transitional provisions:

- a. For students who have passed all cooperation modules by the end of the spring semester 2018, the final grade is calculated in accordance with the study regulations of 20 March 2014.
- b. Students who at the end of the spring semester 2018 have not yet passed all the cooperation modules continue their studies in accordance with the current study regulations.

On behalf of the Executive Board of the Zurich University of Applied Sciences

The Rector: Prof. Dr. Jean-Marc Piveteau

Validity

The study regulations for the Master's programme in Life Sciences of the School of Life Sciences and Facility Management at the Zurich University of Applied Sciences dated 16 November 2017 are legally binding and are valid as of March 1, 2018 ([ABI 2017-12-22](#)).

Approved by the Council of the Zurich Universities of Applied Sciences and Arts on 12 Dezember 2017

Appendix to the Study Regulations for the Master's of Applied Science Programme in Life Sciences at the School of Life Sciences and Facility Management, Zurich University of Applied Sciences (ZHAW)

The appendix to the Study Regulations for the Master's programme in Life Sciences at the Zurich University of Applied Sciences is neither included in the Official Law Collection (OS) nor in the Zurich Loose-leaf Collection (LS). It can be obtained at the

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or viewed at www.zhaw.ch