



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

Based on §2 of the General Academic Regulations für Bachelor's and Master's degree programmes of the Zurich University of Applied Sciences (ZHAW) of 29 January 2008 and to supplement the Study Regulations für the Master's Programme in Preneurship for Regenerative Food Systems of 4 March 2021, the following Appendix to the Study Regulations for the Master of Science in Preneurship for Regenerative Food Systems of the School of Life Sciences and Facility Management was first enacted by the executive board on 1.10.2021.

Disclaimer

This is a non-binding, unofficial translation of the original German version, "[Anhang zur Studienordnung für den Master in Preneurship of Regenerative Food Systems \(PREFS\) der Zürcher Hochschule für Angewandte Wissenschaften des Departement Life Sciences und Facility Management](#)". While it was prepared with all due care, the ZHAW School of Management and Law takes no responsibility for any remaining omissions and/or errors. The legally binding document is the original German version, which shall prevail in any case of doubt or differences of interpretation.

Please note that English is not an official language of the Swiss Confederation or the Canton of Zurich. This document is provided for information purposes only and has no legal force

1. Admission requirements

The admissions procedure includes an orientation interview and, if necessary, an entrance exam.

1.1 Orientation interview

The orientation interview is obligatory for all applicants. The aim of the interview is to familiarise applicants with the degree programme's contents and its teaching approach. The interview takes place prior to the entrance exam.

1.1.1 Aim of the orientation interview

The aim of the interview is to determine whether the degree programme and its scope match the applicants' expectations. Following the interview, the applicants assess whether they wish to continue with the admission procedure for the MSc PREFS.

1.1.2 Procedure

Each applicant is invited to an individual orientation interview with the head of the degree programme or another qualified individual. Following the interview, all applicants receive written feedback along with a recommendation. The feedback is provided in an advisory manner.

1.2 Entrance exam

1.2.1 Subject-related qualifications

According to § 6 of the study regulations, degrees in the following subject areas are considered to be subject-related:

- Agricultural sciences
- Economics
- Biotechnology
- Hospitality Management
- Facility Management
- Food sciences
- Nutritional Sciences
- Environmental sciences

1.2.2 Scope of the entrance exam

The entrance examination determines whether applicants are accepted into or rejected from the programme, and which additional professional requirements they are required to fulfil. The assessment is divided into two parts: an oral exam and a case study presentation.

1.2.3 Oral exam

To qualify for admission, applicants must be able to verify their professional competences by passing an oral exam in the following subject areas:

- Food value creation

- Economic knowledge
- Environment & Sustainability

An average grade is calculated. All subject areas are equally weighted.

1.2.4 Case Study Presentation

The second part of the exam assesses the following methodological competences: networking and presentation skills.

The applicants present an individually prepared case study on the topic of regenerative business models in food value creation.

Applicants can be dispensed from the case study if they are able to provide evidence of the required competences.

1.2.5 Assessment and requirements

The competences of the applicants are evaluated by at least two assessors. The evaluation is based on a standardised assessment rubric. A minimum grade of 5.0 must be achieved in both parts of the entrance examination.

If the awarded grade in one or both parts of the exam is between 4.0 and 4.99, the head of the degree programme reserves the right to decide on admission provided that certain conditions are met.

2. Master's programme organization

The curriculum consists of compulsory, elective and optional modules and is defined by the Individual Study Journey (see Section 2.1).

2.1 Module composition: Individual Study Journey (ISJ)

The modules to be attended are defined in the Individual Study Journey (ISJ). Students will be registered for all modules indicated in this agreement. The ISJ is developed in consultation with the head of the degree programme, or it is developed by another qualified individual and approved by the head of the degree programme. Students must complete the Individual Study Journey by the end of the Navigation 1 module at the latest. To register for modules in the first semester, the respective part of the ISJ must be completed before the start of the semester in accordance with the ZHAW annual plan. The ISJ can be adapted each semester for the following semester, and the deadlines for this are determined by the head of the degree programme.

The sequence of modules in extended part-time studies (more than 4 semesters) is determined by the head of the degree programme. Amendments to this sequence, e.g., postponement of modules to other semesters, may occur.

2.2 Compulsory modules

56 of the ECTS credits in the Master's programme are from compulsory modules.

Semester (Part time)	Module category	Module name	ECTS Credits	Assessment
1st semester	Navigation	Navigation 1 - Fundamentals in Food Systems, Ecosystems and Regeneration	6	Pass/Fail
1st semester	Navigation	Navigation 2 – Fundamentals for Teams and Projects	4	Pass/Fail
1st semester	Agro Food Tech & Systems	Food Tech Architecture - Design of Regenerative Technologies	4	Pass/Fail
1st semester	Regenerative Preneurship	Regenerative Strategies and Innovation Processes	3	Pass/Fail
1st semester	Agro Food Project	Agro Food Project 1 – Vision and Proposal	4	Grade
2nd semester	Agro Food Tech & Systems	Food Systems Architecture – Design of Regenerative Networks	2	Pass/Fail
2nd semester	Regenerative Preneurship	Regenerative Business Models and Finance	3	Pass/Fail
2nd semester	Agro Food Project	Agro Food Project 2 - Sustainable Business Model Canvas	7	Grade
3rd semester	Agro Food Project	Agro Food Project 3 – Business Model Development: Prototyping, Impact and Finance	7	Grade
4th semester	Agro Food Project	Agro Food Project 4 – Business Plan	2	Grade
2nd/4th semester	Disruption Days	Disruption Days – Personal Resilience ¹	2	Pass/Fail
2nd/4th semester	Disruption Days	Disruption Days - Corporate Case ¹	2	Pass/Fail
2 nd /3 rd /4 th Semester	Master's Thesis	Master's Thesis	10	Grade

¹ Disruption Days are offered annually on an alternating basis. Modules may also be taken/required outside of the study semester.

2.3 Elective modules

Elective modules are offered by other ZHAW degree programmes and are subject to their conditions. This applies in particular to the module prerequisites, the decision on whether the module will take place, as well as the assessments and any subsequent exams, revisions to assessments, or repetitions.

If the information in the below module tables does not correspond with the information from the degree programme offering the module, its appendix and the module description at the time of module attendance take precedence, in particular for the module name, the number of credits and the type of assessment.

The head of the degree programme may approve requests to attend and receive credit for modules from other programmes at the ZHAW or other universities (based on § 17 RPO).

Modules available for attendance at other universities range from 2-5 ECTS credits. These modules can be taken individually, in combination or multiple times (same number of ECTS credits).

2.3.1 Agro Food Tech & Systems and Regenerative Preneurship module categories

For the Agro Food Tech & Systems and Regenerative Preneurship module categories, a minimum of 9 and a maximum of 16 ECTS credits worth of elective modules must be taken.

In total, at least 25 ECTS credits must be obtained from the two module categories.

There may be limits on the number of students who are permitted to attend an elective module. The prerequisites specified by the respective degree programmes apply.

Elective modules available in the spring semester

ZHAW Department and Degree Programme The ZHAW	Module Category	Module name	ECTS Credits	Assessment
N – Life Sciences	Agro Food Tech & Systems	Food, Society and Nutrition	5	Grade
N – Life Sciences	Agro Food Tech & Systems	Product and Process Design	5	Grade
N – Life Sciences	Agro Food Tech & Systems	Databases and Data Architecture Systems	4	Grade
N – Life Sciences	Agro Food Tech & Systems	Neural Networks and Deep Learning	3	Grade
N – Environment and Natural Resources	Agro Food Tech & Systems	Agriculture for the future	3	Grade
N – Environment and Natural Resources	Agro Food Tech & Systems	Advanced Life Cycle Assessment and Ecodesign	3	Grade
N – Environment and Natural Resources	Agro Food Tech & Systems	CO2 Management in companies and local authorities	3	Grade
N – Environment and Natural Resources	Agro Food Tech & Systems / Regenerative Preneurship	Behavioral Change	3	Grade
W – International Business	Regenerative Preneurship	International Corporate Responsibility	3	Grade
W – International Business	Regenerative Preneurship	International Business & Human Rights	3	Grade
W – Accounting and Controlling	Regenerative Preneurship	Corporate Finance and Financial Modelling	6	Grade
W – Accounting and Controlling	Regenerative Preneurship	Angewandte Ökonometrie mit R	6	Grade
P – Applied Psychology	Regenerative Preneurship	New Work and Leadership 4.0	6	Grade

ZHAW Department and Degree Programme The ZHAW	Module Category	Module name	ECTS Credits	Assessment
P – Applied Psychology	Agro Food Tech & Systems / Regenerative Preneurship	Umwelt- und Nachhaltigkeits- psychologie II	6	Grade
P – Applied Psychology	Agro Food Tech & Systems / Regenerative Preneurship	Medienpsychologie II	4	Grade
N – Real Estate & Facility Management	Regenerative Preneurship	Leadership, Ethics, Change	5	Pass/Fail
N – Real Estate & Facility Management	Agro Food Tech & Systems / Regenerative Preneurship	Research Lab	5	Pass/Fail
N – Real Estate & Facility Management	Agro Food Tech & Systems / Regenerative Preneurship	Built Environment Transformation	5	Grade
N – Real Estate & Facility Management	Agro Food Tech & Systems / Regenerative Preneurship	PropTech Innovation and Entrepreneurship	5	Grade

Elective modules available in the autumn semester

ZHAW Department and Degree Programme	Module Category	Module name	ECTS Credits	Assessment
N – Life Sciences	Agro Food Tech & Systems	Managing the Food Supply Chain	5	Grade
N – Life Sciences	Agro Food Tech & Systems	Programming, Algorithms and Data Structures	5	Grade
N – Life Sciences	Agro Food Tech & Systems	Bioprocessing and Bioanalytics	5	Grade
N – Life Sciences	Agro Food Tech & Systems	Food Innovation	5	Grade
N – Life Sciences	Agro Food Tech & Systems / Regenerative Preneurship	Digital Food Business	3	Grade
N – Environment and Natural Resources	Agro Food Tech & Systems	Sustainability Science	3	Grade
W – Accounting and Controlling	Regenerative Preneurship	Financial Reporting	6	Grade
W – Accounting and Controlling	Regenerative Preneurship	Controlling	6	Grade

ZHAW Department and Degree Programme	Module Category	Module name	ECTS Credits	Assessment
W – Accounting and Controlling	Regenerative Preneurship	Angewandte Statistik mit R	9	Grade
W – Accounting and Controlling	Regenerative Preneurship	Finance and Asset Pricing	3	Grade
W – Accounting and Controlling	Regenerative Preneurship	Sustainable Financing	3	Grade
W – Accounting and Controlling	Regenerative Preneurship	Verhandlungsmanagement	3	Grade
P – Applied Psychology	Regenerative Preneurship	Veränderungsprozesse in Organisationen	4	Grade
P – Applied Psychology	Agro Food Tech & Systems / Regenerative Preneurship	Umwelt- und Nachhaltigkeitspsychologie I	4	Pass/Fail
P – Applied Psychology	Agro Food Tech & Systems / Regenerative Preneurship	Media Psychology I	6	Grade
P – Applied Psychology	Agro Food Tech & Systems / Regenerative Preneurship	Mensch und Digitalisierung I	6	Grade
N – Real Estate & Facility Management	Regenerative Preneurship	Sustainable Finance and Governance	5	Grade

2.4 Individual Skills module category

The Individual Skills module category includes modules for personal development. A minimum of 9 and a maximum of 12 ECTS credits must be obtained in from this category. The modules selected must be relevant to the individual's personal development needs.

The following options are available:

- The contents of the modules are defined by the students. The assessments are completed in agreement with and assessed by the PREFS degree programme faculty. Modules are available ranging from 2 - 12 ECTS credits each, which can be taken individually, in combination or multiple times (same number of ECTS credits).
- ECTS credits can also be earned by attending existing modules at the ZHAW. If the assessments cannot be completed according to what is specified by the existing modules, or if the assessments are not accepted by the PREFS degree programme, they are completed in agreement with and assessed by the PREFS degree programme faculty.
- ECTS credits can also be awarded for modules completed at other universities, as part of continuing education programmes or other formats. Modules are available ranging from 2 - 12 ECTS credits each, which can be taken individually, in combination or multiple times

(same number of ECTS credits). If the assessments cannot be completed in these formats or if the assessments are not accepted by the PREFS degree programme, they must be completed within the PREFS degree programme.

The head of the degree programme decides in advance whether to approve an individual module design or the existing modules to be attended. The students determine in which semester the modules will be completed.

2.5 Dispensation due to work experience

Students can be dispensed from the following modules if they are able to provide evidence of relevant work experience:

- Food Tech Architecture – Design of Regenerative Technologies
- Regenerative Strategies and Innovation Processes
- Food Systems Architecture – Design of Regenerative Networks
- Regenerative Business Models and Finance
- Available elective modules

3. Final Report

Upon completion of the Master's programme, a final report is issued in addition to the other final documents and approved by the head of the degree programme. The report describes the student's individual development over the course of the Master's programme and is based on the In-dividual Study Journey and the student's achievements. It may contain information on the modules attended, the achievement of personal development goals and reflections on the development of the student's competences. The report can be written with the help of the students and/or coaches.

4. Issuing information

4.1 Issuing metadata

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4.2 Issuing Process