

Appendix 1

To the Programme Regulations 2024 of the
Master's degree programme in Food Science and Nutrition

14.09.2023 (Version: 14.09.2023)

Applies to students who commence or re-enter the degree programme in Autumn Semester 2024 or later.

This English translation is for information purposes only. The German version is the legally binding document.

This Appendix sets out the academic and language and performance prerequisites for and further details regarding admission to the Master's degree programme in Food Science and Nutrition. It supplements the stipulations of the ETH Zurich Admissions Ordinance¹ and the Directive on Admission to Master's degree programmes².

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¹ SR 414.131.52

² www.directives.ethz.ch

1 Profile of requirements

For admission to the Master's degree programme in Food Science and Nutrition (subsequently 'the degree programme') all of the following prerequisites must be satisfied.

1.1 Degree qualifications

¹ For admission to the degree programme one of the following is required:

- a. A university Bachelor's degree in Food Science and Nutrition **or** Food Science comprising at least 180 ECTS credits or an equivalent university degree in Food Science
- b. A Bachelor's degree in Food Technology or Food Science from a Swiss university of applied sciences³ comprising 180 ECTS credits
- c. A university Bachelor's degree in a discipline other than Food Science comprising at least 180 ECTS credits or an equivalent university degree which – provided that any pertaining additional requirements can be completed within the set framework – satisfies the academic and performance prerequisites.

² A Bachelor's degree qualifies its holder for admission to an ETH Master's degree programme only if it also qualifies said holder to enter, without additional requirements, the desired Master's degree programme within the university system where the Bachelor's degree was acquired. The Rector may also demand proof of this, and will determine whether such proof must come from the home university or from another university in the country where the Bachelor's degree was acquired.

1.2 Academic prerequisites

¹ Attendance of the Master's degree programme in Food Science and Nutrition presupposes basic knowledge and skills in the disciplines of Mathematics, Natural Sciences, Social Sciences, Food Science and Nutrition which are in content, scope, quality and level of mastery equivalent to those covered at ETH Zurich (discipline requirements profile).

² The **discipline requirements profile** comprises **100 ECTS credits** in total and is based on knowledge and skills covered in the ETH Bachelor's degree programme in Food Science and Nutrition. This includes training in the relevant methodological scientific thinking.

³ If a candidate does not completely satisfy the academic prerequisites, admission may be subject to the acquisition of the missing knowledge and skills in the form of additional requirements (admission with additional requirements). Completion of additional requirements is expressed in ECTS credits.

³ A Diploma from a Swiss university of applied sciences is considered equivalent to a Bachelor's degree in the same discipline. A Bachelor's degree from a German or Austrian university of applied sciences is considered equivalent to a Bachelor's degree from a Swiss university of applied sciences.

⁴ The discipline requirements profile is structured in the two parts. Details regarding the content of the course units are published in the ETH Course Catalogue (www.courses.ethz.ch).

Part 1: Basic knowledge and skills (90 ECTS credits)

Part 1 comprises 90 ECTS credits and covers basic knowledge and skills from the disciplines Mathematics, Natural Sciences, Social Sciences, Food Science and Nutrition. The substance of the following course units is required:

Part 1a: Mathematics, Natural Sciences and Social Sciences (65 ECTS credits)

- Mathematics: Analysis, Linear Algebra, Statistics (20 ECTS credits)
- Chemistry: Inorganic and Organic Chemistry (10 ECTS credits)
- Physics (10 ECTS credits)
- Biology: General Biology, Microbiology, Physiology, Molecular Biology, Biochemistry, Biodiversity of Plants and Animals (20 ECTS credits)
- Social Sciences (5 ECTS credits)

Part 1b: Food Science and Nutrition (25 ECTS credits)

- Human Nutrition [Humanernährung]
- Food Analysis [Lebensmittelanalytik]
- Food Chemistry [Lebensmittelchemie]
- Food Biotechnology [Lebensmittel-Biotechnologie]
- Food Microbiology [Lebensmittel-Mikrobiologie]
- Food Technology [Lebensmittel-Technologie]
- Food Process Engineering [Lebensmittel-Verfahrenstechnik]
- Toxicology [Toxikologie]
- Consumer Behaviour [Verbraucherverhalten]

Part 2: Subject-specific knowledge and skills (10 ECTS credits)

Part 2 comprises 10 ECTS credits and covers knowledge and skills which must – depending on the desired Master's degree programme specialisation – fall into one or more of the Food Science and Nutrition areas listed in Part 1b above.

1.3 Language prerequisites

¹ The teaching language of the degree programme is English.

² For admission to the degree programme, proof of sufficient knowledge of English (level C1⁴) must be provided.

⁴ The required language level is measured according to the Common European Framework of Reference for Languages scale (CEFR).

³ Applicants to the degree programme who hold a Bachelor's degree from a university of applied sciences must, according to the pertaining additional requirements for admission, also supply proof of sufficient knowledge of German (level C1).

⁴ The required language certificates must be submitted by the application deadline. The ETH Zurich publishes a list of the language certificates accepted.

2 Specific stipulations for admission

2.1 Bachelor's degree in Food Science and Nutrition⁵ from ETH Zurich

The following persons are guaranteed unconditional admission to the degree programme:

- a. Holders of a Bachelor's degree in Food Science and Nutrition from ETH Zurich
- b. Persons enrolled in this Bachelor's degree programme at ETH Zurich

2.2 Bachelor's degree in Food Science from another Swiss university

¹ Holders of a Bachelor's degree in Food Science from another Swiss university than ETH Zurich are admitted to the degree programme.

² Admission is subject to fulfilment of the language prerequisites.

³ Admission may be subject to additional requirements.

2.3 Bachelor's degree in Food Science from a university outside Switzerland

¹ Holders of a Bachelor's degree or the equivalent in Food Science from a university outside Switzerland must satisfy the academic and language prerequisites to be admitted to the degree programme.

² Admission may be subject to additional requirements.

³ Admission is not possible if any of the following apply

- a. the language prerequisites are not satisfied
- b. the content, scope, quality and skill level of the degree are not equivalent to those at ETH Zurich
- c. the number of additional ECTS credits required to satisfy the academic prerequisites exceeds
 1. 30 ECTS credits in total, or
 2. 15 ECTS credits from Part 1 of the discipline requirements profile.

⁵ Includes also Bachelor diplomas from ETH Zurich with the previous title designation for the degree programme: BSc Food Science.

2.4 Bachelor's degree in a discipline other than Food Science

¹ Holders of a university Bachelor's degree or the equivalent in a discipline other than Food Science may be admitted to the degree programme if they can satisfy all of the following prerequisites

- a. the academic requirements are satisfied
- b. the language prerequisites are satisfied
- c. a very good academic performance during the Bachelor's degree studies

² Admission may be subject to additional requirements.

³ Admission is not possible if any of the following apply

- a. the language prerequisites are not satisfied
- b. the content, scope, quality and skill level of the degree are not equivalent to those at ETH Zurich
- c. the number of additional ECTS credits required to satisfy the academic prerequisites exceeds
 1. 30 ECTS credits in total, or
 2. 15 ECTS credits from Part 1 of the discipline requirements profile.

2.5 Bachelor's degree from a Swiss university of applied sciences

¹ Holders of a Bachelor's degree from a Swiss university of applied sciences in Food Technology or Food Science may be admitted to the degree programme if they can satisfy all of the following prerequisites

- a. the academic requirements are satisfied
- b. the language prerequisites are satisfied
- c. The final Bachelor's degree grade is at least a 5 (according to the Swiss grading system, which involves grades from 1 (lowest) to 6 (highest))⁶;

² Admission is always subject to the compensation of missing academic and methodological knowledge with additional study achievements comprising 43 to 60 ECTS credits.

³ The additional admission requirements to be fulfilled by candidates are structured in the following two parts:

Part 1

To fulfil Part 1 of the additional requirements at least 28 ECTS credits in the following areas must be acquired:

- Mathematics (13 ECTS credits)
- Chemistry (at least 2 ECTS credits)

⁶ The method of computation of the final grade is stipulated in the Directive on Admission to Master's Degree Programmes (www.directives.ethz.ch).

- Physics (at least 5 ECTS credits)
- Biology (at least 6 ECTS credits)
- Social Sciences (at least 2 ECTS credits)

Part 2

To fulfil Part 2 of the additional requirements at least 15 ECTS credits in one or more of the following areas of Food Science must be acquired:

- Human Nutrition
- Food Analysis
- Food Chemistry
- Food Biotechnology
- Food Microbiology
- Food Technology
- Food Process Engineering
- Toxicology
- Consumer Behaviour

⁴ Admission is not possible if any of the following apply

- a. the language or performance prerequisites are not satisfied
- b. the number of additional ECTS credits required to fulfil the academic prerequisites exceeds 60

3 Entering the Master's degree programme

3.1 Bachelor's degree from ETH Zurich

¹ Students of the ETH Bachelor's degree programme in Food Science and Nutrition may enrol directly in the degree programme via www.mystudies.ethz.ch. Further details:

- a. The normal ETH enrolment dates and deadlines apply.
- b. Enrolment may proceed if no more than 30 ECTS credits towards the Bachelor's degree are pending. Listed below are the course unit categories where pending ECTS credits are admissible, and their permitted number.

<u>Category</u>	<u>Permitted number of pending ECTS credits</u>
– Food Science subjects	15
– Bachelor's thesis	15

- c. Admission is provisional until the Bachelor's degree is issued. Admission will be revoked if the Bachelor's degree is not or cannot be issued.

² The following stipulations regarding entry to the Master's degree programme apply to students from an ETH Bachelor's degree programme (other than Food Science and Nutrition) who have been granted admission:

- a. The normal ETH enrolment dates and deadlines apply.
- b. They can enrol in the programme once they have acquired that number of ECTS credits which would qualify them to enrol in the Master's degree programme consecutive to their original subject⁷.
- c. Admission is provisional until the Bachelor's degree is issued. Admission will be revoked if the Bachelor's degree is not or cannot be issued.

3.2 Bachelor's degree from another university

Candidates with a positive admission decision can enter the programme if they have successfully completed the previous (Bachelor's) degree programme.

4 Application and admission procedure

¹ All candidates – with the exception of students matriculated at ETH Zurich in the Bachelor's degree programme in Food Science and Nutrition – must submit an application for admission to the degree programme. The specifications for application, in particular the documents required and the dates and deadlines for submission, are published on the website of the ETH Zurich Admissions Office (www.admission.ethz.ch).

² Application may be made at a time when the required preceding degree has not yet been issued.

³ Applications will not be considered if

- a. they are submitted late or not in the correct form; or
- b. any relevant fees have not been paid.

⁴ The admissions committee of the degree programme determines how far the background of the candidate corresponds to the profile of requirements and submits an application for admission/rejection to the Director of Studies.

⁵ On the request of the Director of Studies the Rector makes the final decision regarding admission, admission with additional requirements, or rejection.

⁶ The candidate receives a written admissions decision which includes relevant information concerning any additional admission requirements.

⁷ The permitted number of missing ECTS credits is set out in the Programme Regulations of the respective consecutive Master's degree programme (e.g., BSc Physics → MSc Physics).

5 Fulfilling additional admission requirements

5.1 General regulations

¹ Candidates who are admitted subject to the fulfilment of additional requirements must acquire the required additional knowledge and skills before or during the Master's degree programme via self-study or by attending classes. The corresponding individual performance assessments must take place by the set deadlines.

² If the candidate fails said performance assessments or does not respect the set deadlines she/he will be regarded as having failed the degree programme and will be excluded from it.

³ The deadlines and conditions for undertaking said performance assessments depend upon the background of the candidate.

5.2 University Bachelor's degree

¹ Candidates holding a university Bachelor's degree must undertake all of the performance assessments pertaining to the additional admission requirements by the end of the first year of the Master's degree programme at the latest. All additional requirements, including any assessment repetitions, must be fulfilled within 18 months of the start of the Master's degree programme at the latest.

² A pass grade in each individual performance assessment is required.

³ A failed performance assessment may be repeated once.

5.3 Bachelor's degree from a Swiss university of applied sciences

¹ Candidates holding a Bachelor's degree from a Swiss university of applied sciences must undertake all of the performance assessments pertaining to the additional admission requirements by the end of the first year of the Master's degree programme at the latest. All additional requirements, including any assessment repetitions, must be fulfilled within two years of the start of the Master's degree programme at the latest.

² If the associated performance assessments are session examinations these may be grouped into examination blocks as long as they are offered in the same examination session. The examinations of an examination block must always be undertaken during the same examination session.

³ A pass grade in the examination block is achieved if the average of the individual grades is at least a 4.

⁴ A failed performance assessment or a failed examination block may be repeated once. Repeating an examination block entails repeating all of the performance assessments belonging to it.