

Appendix to the Study Regulations for the Master of Science in Real Estate & Facility Management

at the School of Life Sciences and Facility Management, Zurich University of Applied Sciences (ZHAW)

Based on §2 of the General Academic Regulations for Bachelor's and Master's degree programmes of the Zurich University of Applied Sciences (ZHAW) of 29 January 2008, supplementing the Study Regulations for the Master's Programme in Real Estate & Facility Management of the School of Life Sciences & Facility Management of 05 May 2021, the following appendix to the Study Regulations was first enacted by the executive board on 30.08.2011.

Disclaimer

This is a non-binding, unofficial translation of the original German version, "[Anhang zur Studienordnung für den Masterstudiengang Master of Science in Real Estate & Facility Management \(REFM\) 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 process

The admission process includes both an assessment of whether the candidate satisfies the general admission requirements and an entrance exam.

1.1 General admission requirements

The application documents are assessed to determine whether they meet the formal requirements outlined in § 7 of the study regulations.

According to § 7 of the study regulations, the following subject areas are considered to be subject-related:

- Industrial/civil engineering
- Building technology
- Architecture
- Environmental sciences
- Hospitality Management / Tourism

The head of the degree programme decides on the equivalence of other degrees.

1.2 Entrance exam

The entrance exam involves an interview with experts from the Institute of Facility Management and/or the Department of Banking, Finance, Insurance. The following skills are assessed:

- i. Expertise (Finance and Accounting, Facility Management, Building-Related Fundamentals or Real Estate Management, Personnel-Related Fundamentals or Human Resources, Statistics).
- ii. Management competences (management experience).
- iii. Social skills (for example, communication; personnel management).
- iv. Language skills in English and German.

If the submitted documents show that any or all of the competences mentioned above are sufficient for entry to the programme, these competences will not be further assessed.

In addition, a letter of motivation and curriculum vitae must also be submitted.

The entrance exam, which is based on the above-listed competence areas (i.– iv.), is assessed as "pass" or "fail," and the applicant is informed in writing about the result as well as any additional qualifications that may be required.

2. Organisation of the Master's degree in Real Estate & Facility Management

The degree is offered as a four-semester or a six-semester programme.

2.1 The four-semester programme is organised as follows:

2.1.1 1st Semester

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Markets	compulsory	5	Grade
Economics & Finance	Sustainable Finance and Governance	compulsory	5	Grade
Workplace & Service	Service Strategy and Innovation	compulsory	5	Grade
Workplace & Service	Workplace Strategy and Innovation	compulsory	5	Grade
Applied Research	Applied Research Methods	compulsory	5	Grade

2.1.2 2nd Semester

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Digital Transformation	compulsory	5	Grade
Management	Public and Corporate Real Estate	compulsory	5	Grade
Applied Research	Real Estate Modelling and Forecasting	compulsory	5	Grade
Applied Research	Research Lab ^{oS}	compulsory	5	Pass/Fail

Digitalisation & Sustainability Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	PropTech Innovation and Entrepreneurship	compulsory	5	Grade

Economics & Finance Specialisation

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Investment and Finance	compulsory	5	Grade

Strategic Real Estate & Facility Management Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	PropTech Innovation and Entrepreneurship ¹	elective	5	Grade
Economics & Finance	Real Estate Investment and Finance ¹	elective	5	Grade

¹ One of the two elective modules must be chosen.

2.1.3 3rd Semester

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Strategies in Sustainability	compulsory	5	Grade
Management	Processes, Engineering and Procurement	compulsory	5	Grade

Digitalisation & Sustainability Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Circular Economy Management	compulsory	5	Grade
Applied Research	Research Plan ^{oS}	compulsory	5	Pass/Fail

Economics & Finance Specialisation

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Valuation	compulsory	5	Grade
Applied Research	Research Plan ^{oS}	compulsory	5	Pass/Fail

Strategic Real Estate & Facility Management Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Circular Economy Management ²	elective	5	Grade
Economics & Finance	Real Estate Valuation ²	elective	5	Grade
Applied Research	Research Plan ^{oS}	compulsory	5	Pass/Fail

² One of the two elective modules must be chosen.

2.1.4 4th Semester

Module category	Module	Module type	Credits	Assessment
Management	Leadership, Ethics, Change	compulsory	5	Pass/Fail

Digitalisation & Sustainability Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Built Environment Transformation	compulsory	5	Grade
Applied Research	Master's Thesis ^{oS}	compulsory	10	Grade

Economics & Finance Specialisation

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Development	compulsory	5	Grade
Applied Research	Master's Thesis ^{oS}	compulsory	10	Grade

Strategic Real Estate & Facility Management Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Built Environment Transformation ³	elective	5	Grade
Economics & Finance	Real Estate Development ³	elective	5	Grade
Applied Research	Master's Thesis ^{oS}	compulsory	10	Grade

³ One of the two elective modules must be chosen.

2.2 The six-semester programme is organised as follows:

2.2.1 1st Semester

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Markets	compulsory	5	Grade
Workplace & Service	Service Strategy and Innovation	compulsory	5	Grade
Applied Research	Applied Research Methods	compulsory	5	Grade

2.2.2 2nd Semester

Module category	Module	Module type	Credits	Assessment
Management	Public and Corporate Real Estate	compulsory	5	Grade
Applied Research	Real Estate Modelling and Forecasting	compulsory	5	Grade

2.2.3 3rd Semester

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Sustainable Finance and Governance	compulsory	5	Grade
Workplace & Service	Workplace Strategy and Innovation	compulsory	5	Grade
Management	Processes, Engineering and Procurement	compulsory	5	Grade

2.2.4 4th Semester

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Digital Transformation	compulsory	5	Grade
Applied Research	Research Lab ^{oS}	compulsory	5	Pass/Fail

Digitalisation & Sustainability Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	PropTech Innovation and Entrepreneurship	compulsory	5	Grade

Economics & Finance Specialisation

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Investment and Finance	compulsory	5	Grade

Strategic Real Estate & Facility Management Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	PropTech Innovation and Entrepreneurship ⁴	elective	5	Grade
Economics & Finance	Real Estate Investment and Finance ⁴	elective	5	Grade

⁴ One of the two elective modules must be chosen.

2.2.5 5th Semester

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Strategies in Sustainability	compulsory	5	Grade

Digitalisation & Sustainability Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Circular Economy Management	compulsory	5	Grade
Applied Research	Research Plan ^{oS}	compulsory	5	Pass/Fail

Economics & Finance Specialisation

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Valuation	compulsory	5	Grade
Applied Research	Research Plan ^{oS}	compulsory	5	Pass/Fail

Strategic Real Estate & Facility Management Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Circular Economy Management ⁵	elective	5	Grade
Economics & Finance	Real Estate Valuation ⁵	elective	5	Grade
Applied Research	Research Plan ^{oS}	compulsory	5	Pass/Fail

⁵ One of the two elective modules must be chosen.

2.2.6 6th Semester

Module category	Module	Module type	Credits	Assessment
Management	Leadership, Ethics, Change	compulsory	5	Pass/Fail

Digitalisation & Sustainability Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Built Environment Transformation	compulsory	5	Grade
Applied Research	Master's Thesis ^{oS}	compulsory	10	Grade

Economics & Finance Specialisation

Module category	Module	Module type	Credits	Assessment
Economics & Finance	Real Estate Development	compulsory	5	Grade
Applied Research	Master's Thesis ^{oS}	compulsory	10	Grade

Strategic Real Estate & Facility Management Specialisation

Module category	Module	Module type	Credits	Assessment
Digitalisation & Sustainability	Built Environment Transformation ⁶	elective	5	Grade
Economics & Finance	Real Estate Development ⁶	elective	5	Grade
Applied Research	Master's Thesis ^{oS}	compulsory	10	Grade

⁶ One of the two elective modules must be chosen.

2.3 Optional modules

Programme	Module	Semester	Credits	Assessment
4-Semester	Intercultural Competence ^{oS, 7}	2. – 3.	2	Pass/Fail
6-Semester	Intercultural Competence ^{oS, 7}	3. – 5.	2	Pass/Fail

⁷ The module is run over two consecutive semesters.

3. Modules outside the study semester

For the modules marked with "oS" (out of semester), assignments or courses may take place both during and outside of the normal semester period. The deadlines will be communicated by the head of the degree programme.

4. Choosing your specialisation

The specialisation is chosen after the end of the first semester. The degree must be completed with a specialisation.

5. Modulbelegung

On request, the head of the degree programme may permit students who are enrolled in the four-semester programme to complete individual modules in a later semester than they are scheduled, provided a study duration of 6 semesters is not exceeded.

On request, the head of the degree programme may permit students who are enrolled in the six-semester programme to complete individual modules in a later semester than they are scheduled, provided a study duration of 8 semesters is not exceeded.

6. Master's Thesis and Research Plan

The Master's thesis can be started in the 3rd semester of the four-semester degree programme and in the 5th semester of the six-semester degree programme.

7. Official Title

The official title of the degree programme is: Master of Science ZHAW in Real Estate & Facility Management with Specialisation in

- Digitalisation & Sustainability
- Economics & Finance
- Strategic Real Estate & Facility Management.

8. Conditions for the transitional period from 24.9.2021

Students who commenced their studies before the autumn semester 2022/2023 and have not completed their studies by the end of the autumn semester 2022/2023 will continue their studies in accordance with the Appendix dated 24.9.2021.

9. Issuing information

9.1 Issuing metadata

Issued by	LeiterIn Studium Departement N
Decided by	HSL
Classification	1.04.01 Führungsgrundlagen
Publication type	Public

9.2 Issuing process

Version	Decision	Decided by	Validity	Description of Change
1.0.0	30.08.2011	HSL	30.08.2011	Original version
1.1.0	29.04.2014	HSL	29.04.2014	Adjustments
2.0.0	14.04.2015	HSL	01.08.2015	Adjustments
2.0.1	-	-	-	Revision of layout and table presentation, 22.01.2019
3.0.0	24.09.2021	HSL	01.11.2021	Revision of the curriculum Renaming of the degree programme (formerly Master of Science in Facility Management)
3.0.1	-	-	-	Editorial adjustment, 12.10.2021
3.0.2	-	-	-	Adjustment of the presentation of elective modules, 1.11.2021
3.0.3	-	-	-	Editorial adjustment, 12.10.2021
3.0.4	-	-	-	Link to English Version, 23.08.2022
3.0.5	-	-	-	Editorial adjustment as of 1.1.2023 due to dissolution of UAS Zurich University of Applied Sciences. The title will now be awarded by the ZHAW.