



Study Guide

Master of Science in Process Engineering

September 2019

1	Master’s Program	3
1.1	Tutor System	4
1.1.1	Learning Agreement	5
1.2	Curriculum structure	5
1.2.1	Core Courses	6
1.2.2	Multidisciplinary Courses	6
1.2.3	Science in Perspective (SiP)	6
1.2.4	Semester Project	7
1.2.5	Industrial Internship	8
1.2.6	Master’s Thesis	9
2	Master’s Degree	11
3	Duration	13
4	Language	13
5	Admission and application	14
5.1	Enrollment	15
6	Performance Assessment	16
6.1	Types of Performance assessments	16
6.1.1	Session examinations	16
6.1.2	End-of-semester examinations	17
6.1.3	Semester performance	18
6.2	Grading System	18
6.3	Credit points	18
7	Exchange	19
8	Climate-KIC Master Label Program	20
9	MyStudies	21
10	Legal basis	22
11	Plagiarism	22
12	Code of Conduct	23
13	Correct usage of Telematics Resources (“BOT”)	24
14	Financial	25
14.1.1	Tuition fees	25
14.1.2	Scholarships	25
15	Useful information about ETH Zurich	26
15.1	Contacts D-MAVT	26
15.2	Contacts ETH	27
15.3	Weblinks	28
15.4	ETH Zurich in short	29
15.5	Zurich – the city	30
15.6	Locations	31

1 Master’s Program

Engineers must be able to address the challenges of society and to respond to its evolving demands in creative and responsible ways. Process engineers have a broad education, firmly rooted in the fundamentals of natural sciences and engineering, which provides them with the ideal profile to enable them to play a key role in addressing issues such as new materials and production technologies, sustainable energy systems, technologies to investigate climate change, pollution prevention, and processes for the food and pharmacological industries.

The Master’s Program in Process Engineering (PE) is a consecutive master, i.e. students with a Bachelor’s Degree in Mechanical Engineering or Chemical Engineering from ETH Zurich are admitted automatically without any additional requirements and formalities. The qualification profile is based on both academic backgrounds.

The Master’s Program integrates in-depth knowledge of core areas in mechanical and process engineering with mathematics, computer science, physics, chemistry, and bioengineering. The students develop and apply a variety of tools in order to gain a deeper understanding of the underlying phenomena and processes.

Research and innovation is stimulated by project work in which students combine theory and practice through close contact with the cutting edge research areas of D-MAVT. The social context and broad interdependencies of process engineering are reflected in courses selected from humanities, social and political sciences, economics and management.

This Study Guide provides information relating to the Master in Process Engineering (PE), according to the “Program Regulations of the Master’s Degree Program in Process Engineering”.

→ www.ethz.ch/studienreglement-master-verfahrenstechnik-2005 (in German)

1.1 Tutor System

The Master’s Program in Process Engineering is supervised by an ETH professor, designated as “tutor”. The aim of the tutor system is to help create an individualized curriculum for the student and to provide one-to-one support: it ensures a top-class, specialized education which takes into account the student's talents and expectations. Tutors coach their students throughout the program, monitoring their progress and proposing any necessary adjustments required to enhance their performance.

The tutor discusses the student's choice for the category Core Courses, advises in the choice of the Multidisciplinary Courses, and approves the subject and the choice of supervisor of the Semester Project and Master's Thesis thus ensuring that their individual requirements and interests can be followed.

Students with a Bachelor’s Degree in Mechanical Engineering from ETH Zurich and EPF Lausanne and in Chemical Engineering from ETH Zurich select the tutor at the start of the Master's studies on myStudies after a personal meeting with the professor. If the tutor denies, the student has to choose another one.

External students applying for the Master’s Program must indicate three tutors who should be selected according to the topic of focus in the student’s chosen core subjects. The tutor will then be specified in the admission letter, according to the decision of the admission committee.

The tutors for the Master’s Program are professors in D-MAVT or in other ETH departments who are allowed to supervise students in D-MAVT (accredited professor).

→ www.master-process-engineering.ethz.ch/tutors.html

At the student’s request, the Director of Studies may approve a change of tutor if justified reasons are given. Changes are only possible at the beginning of a semester. A change does not result in an extension of the maximum allowable study duration.

1.1.1 Learning Agreement

The individual study plan is defined in the Learning Agreement between the tutor and the student.

The student discusses the choice of courses in the category Core Courses with his/her tutor, fills out and submits the Learning Agreement on myStudies. All other categories are not included in the Learning Agreement. The tutor can approve it or request changes. In both cases, the student is informed by email. If the tutor requests changes, the student has to update and resubmit the Learning Agreement.

The **Learning Agreement** must be submitted on myStudies and approved by the tutor within 3 weeks after the start of the semester. The final version must be submitted before enrolling in the Master’s Thesis.

→ www.master-process-engineering.ethz.ch/tutors.html

1.2 Curriculum structure

Students must obtain 90 ECTS to qualify for the Master’s Degree in Process Engineering, of which at least 60 ECTS have to be achieved at ETH Zurich. The curriculum is structured in six categories. In each category, a given number of credit points must be attained.

→ www.master-process-engineering.ethz.ch/curriculum.html

Category	ECTS	Description
Core Courses	36	<ul style="list-style-type: none"> • Foundation of the Master’s Program • Core knowledge in the area of interests
Multidisciplinary Courses	6	<ul style="list-style-type: none"> • Deepen degree-specific knowledge
Science in Perspective (SiP)	2	<ul style="list-style-type: none"> • Courses in humanities, social and political sciences offered by ETH
Semester Project	8	<ul style="list-style-type: none"> • Experience in the solution of a specific engineering problem
Industrial Internship	8	<ul style="list-style-type: none"> • 12-week internship in a company
Master’s Thesis	30	<ul style="list-style-type: none"> • Independent scientific work

1.2.1 Core Courses

The Core Courses (36 ECTS) lay the foundation for the Master’s Program by providing the students with core knowledge in their area of specialization.

Together with the students, tutors define the courses for this category. All courses in this category need to be graded.

The courses for the category Core Courses are listed in the Course Catalogue.

→ www.course-catalogue.ethz.ch

1.2.2 Multidisciplinary Courses

The courses in this category (6 ECTS) give the students an opportunity to deepen their degree-specific knowledge or extend their understanding of economics and the social sciences.

The courses may be selected from among the official Course Catalogue of ETH Zurich, EPF Lausanne, University of Zurich and University of St. Gallen. It is important to follow the enrollment regulations of the university providing the course.

1.2.3 Science in Perspective (SiP)

Science in Perspective (2 ECTS) is an integral part of the curriculum. It opens up new perspectives on the natural and engineering sciences and teaches the students to understand and critically question the correlations between scientific knowledge, technological innovations, cultural contexts, individuals and society.

The courses are selected from the special Course Catalogue “GESS Science in Perspective” of the Department of Humanities, Social and Political Sciences (D-GESS) at ETH Zurich.

→ www.gess.ethz.ch/en/studies/science-in-perspective.html

→ www.ethz.ch/content/dam/ethz/common/docs/weisungssammlung/files-de/wissenschaft-im-kontext.pdf (in German)

→ www.ethz.ch/content/dam/ethz/common/docs/weisungssammlung/files-en/science-in-perspective.pdf (English translation)

1.2.4 Semester Project

The Semester Project (8 ECTS) makes use of the technical knowledge acquired during the Master's Program and is aimed at training the students in the solution of specific engineering problems. It corresponds to a workload of 240 hours (six weeks full time) and may be completed in part- or full-time.

The Semester Project is supervised by an ETH Zurich professor and must be approved in advance by the tutor.

The supervisor proposes the subject of the project, supports the student in the preparation of the project plan, defines the road map together with the student and monitors the overall execution of the project.

The student has to enroll for the Semester Project on myStudies latest up to one month after the start date. It is necessary to enter the details (start date, submission deadline and title) as agreed upon with the supervisor. After the confirmation by the supervisor and the tutor has been given, the project is registered definitely.

The Director of Studies may approve an extension of the submission deadline if justified reasons are given.

→ www.ethz.ch/content/dam/ethz/special-interest/study-programme-websites/master-mechanical-engineering-dam/documents/Request%20to%20extend%20project_thesis.pdf

The Semester Project is concluded with a written report and a presentation. If the student does not pass the Semester Project, a new topic must be defined and undertaken.

Successfully completing the Semester Project is a pre-condition for beginning the Master's Thesis.

1.2.5 Industrial Internship

The main objective of the 12-week internship is to expose Master students to the industrial work environment. The Industrial Internship may be completed in a Swiss or a foreign industrial company.

The aim of the internship is to apply engineering knowledge to practical situations.

The internship may be completed before starting the Master’s Program or during the study program, but before the student starts the Master’s Thesis. The first option is recommended. Only internships that have been completed after achieving all required credit points for the Bachelor’s Program may be credited as Industrial Internship.

The internship can be split into two parts.

It is the student’s responsibility to search for an eligible internship position. To help students in their search, potential companies that may offer internship positions are listed in the internship application under “Company directory”. Further positions are published on the ETH students’ portal and IAESTE Switzerland or on the web page of D-MAVT.

- www.mavt.ethz.ch/praxis
- www.mavt.ethz.ch/studies/notice-board.html
- www.eth-gethired.ch/en/
- www.iaeste.ch

To acquire the 8 ECTS for the internship, the student must complete the following steps:

- Obtain an internship;
 - Work in a company for at least 12 weeks;
 - Receive a letter of confirmation from the company including the activities and tasks performed during the internship;
 - Submit the letter of confirmation through the internship application.
- www.mavt.ethz.ch/praxis

1.2.6 Master’s Thesis

The Master’s Thesis (30 ECTS) constitutes a six-month, full-time project, aimed at advancing the skills and capabilities of students to work independently and creatively towards the solution of an independent research problem.

In order to start the Master’s Thesis, students must:

- have obtained a Bachelor’s Degree;
- have fulfilled all additional requirements requested for the admission;
- have achieved at least 28 credit points in the category “Core Courses”;
- have acquired the 8 credit points for the Semester Project;
- have acquired the 8 credit points for the Industrial Internship;
- have submitted the final version of the Learning Agreement (through myStudies).

Nonetheless, it is recommended to only start the Master’s Thesis after achieving all required credit points.

The Master’s Thesis is either closely related to the research activity of the tutor or of an ETH Zurich professor or deals with a challenging topic faced by industry.

The tutor approves the subject as well as the choice of the supervisor (ETH professor) of the Master’s Thesis. The supervisor defines the roadmap, the milestones, deadlines, presentation, report, dates and the criteria for assessment, and is responsible for monitoring the structure and quality of the thesis.

The student has to register the Master’s Thesis on myStudies latest up to one month after the start date. It is necessary to enter the details (start date and title) as agreed upon with the supervisor, as well as uploading the project description. The submission deadline is calculated automatically by the system (28 weeks) and is binding. After the confirmation by the supervisor and the tutor has been given, the thesis is registered definitely.

The Director of Studies may approve an extension of the submission deadline if justified reasons are given.

Request to extend project/thesis:

→ www.master-process-engineering.ethz.ch/curriculum.html

The Master's Thesis is concluded with a written report and a presentation.

If a Master's Thesis is not successfully completed, a new topic must be defined.

Any form of remuneration may not be agreed upon by students or institutions of ETH Zurich with third parties. Expenses, however, may be paid by third parties.

→ www.ethz.ch/content/dam/ethz/common/docs/weisungssammlung/files-en/remuneration-written-papers.pdf

If secrecy between ETH Zurich and the industrial partner is required, it has to be specified in an arrangement between the responsible professor and the company. The ownership of the property laws has to be regulated for each particular case.

→ www.ethz.ch/services/en/service/legal-matters/documents.html (in German, Login needed)

2 Master’s Degree

As soon as all required credit points from the six categories have been obtained, the student may request the diploma through myStudies.

The courses in the category Core Courses have to correspond with the Learning Agreement approved by the tutor.

Students may have 100 ECTS recognized for the Master’s Degree, of which a maximum of 4 ECTS may be earned in the category “Science in Perspective”. At the student’s request, additionally obtained credit points from the Course Catalogue of ETH may be listed on the Addendum of the final academic record.

All performance assessments appear on the academic record. Failed performances that have not been successfully repeated are listed on the addendum.

The printed and signed diploma request needs to be submitted to the D-MAVT Student Administration or sent to info@mavt.ethz.ch.

When all prerequisites have been completed, the Master’s Degree will be conferred and the student may assume the title of:

Master of Science ETH in Process Engineering

The shorter form *MSc ETH PE* may be used.

The Overall Grade Point Average of the Master’s Degree is composed of the weighted grade point average of the following categories:

<u>Category</u>	<u>Weight</u>
Core Courses	5
Semester Project	1
Master’s Thesis	4

The average of the Core Courses is weighted according to the credit points of each course.

The students receive a German and an English transcript, a ranking information, a diploma supplement and an official diploma in either German, French or Italian.

Outstanding students with an overall average grade of 5.75 or higher will be awarded with the title "passed with distinction". This title will be specified on the diploma and the transcript.

3 Duration

The Master's Program is designed as a full-time study program. The completion of 90 ECTS requires on average three semesters, the maximum duration of study is 3 years.

The maximum duration of study can be extended in case of admission with additional requirements.

Under special circumstances, the Rector may approve an extension of the study duration.

→ www.ethz.ch/students/en/studies/administrative/study-specific/study-terms.html

4 Language

Course units in the Master Process Engineering and the corresponding performance assessments are normally conducted in English. The language used is listed in the Course Catalogue.

→ www.course-catalogue.ethz.ch

5 Admission and application

The Master's Degree Program in Process Engineering is a consecutive Master and provides a direct continuation to the Bachelor's Degree Program in Mechanical Engineering or Bachelor in Chemical Engineering at ETH Zurich. D-MAVT students are automatically admitted without going through the admission process.

Candidates with a degree in other fields of study or from other universities must apply according to the application terms and deadlines and provide the documents as listed by the Academic Services.

→ www.ethz.ch/master-how-to-apply

For candidates, who have to apply, it is only possible to start the Master's Program in autumn semester.

Candidates for the Master's Program must present proof of specialized and sound knowledge, abilities in the field of mechanical engineering or chemical engineering and very good study performance in the fundamental disciplines. The program's requirements are based upon skills and knowledge taught in the ETH Bachelor's Programs and are listed in the Appendix to the Program Regulations of the Master's Degree Program in Process Engineering.

→ www.ethz.ch/master-requirement-profiles

Admission is made by the admission committee of the Master's Program, based on an individual evaluation of the application file (evaluation sur dossier):

- Assessment of the profile;
- Performance and grades;
- Academic ranking;
- CV and motivation letter describing personal goals and motivation for studying for the Master's in Process Engineering at ETH Zurich;
- Three preferred tutors and their order of preference;
- 2 letters of recommendation;
- GRE Test;

- Any additional documents that may be relevant for the application, such as scientific or professional publications, awards, information about previous education, etc.;
- An English test (Level C1) for non-native speakers (TOEFL, IELTS or equivalent).

Students can be admitted with or without additional requirements, but they may be rejected as well. The Admissions Office will inform the students about the decision and in case of the admission about the tutor assigned and the courses defined as additional requirements.

Students holding a degree from a Swiss University of Applied Sciences with good grades (more than 5.0) could be admitted with the precondition that they must take a minimum of 40 ECTS and up to a maximum of 60 ECTS of additional courses.

Credit points acquired from courses from other degree programs at ETH Zurich may be recognized towards the Master’s Degree if these credit points have not yet been counted towards another degree. It is not possible to recognize ECTS credit points obtained from previous study programs outside ETH Zurich.

5.1 Enrollment

Students with a Bachelor of Science in Mechanical Engineering have to register under myStudies and they can receive provisional admission to the Master’s Program, if they have less than 35 ECTS to complete their Bachelor’s Degree. In this case, students must enroll for both the Bachelor’s Program and the Master’s Program.

→ www.myStudies.ethz.ch

Upon successful application, external students will receive a registration form enclosed with an admission letter. They have to follow the instructions and deadline set in the admission letter.

→ www.ethz.ch/master-registration

6 Performance Assessment

A performance assessment is required for all courses of the Master's Program in Process Engineering. The type of assessment is defined by the lecturer. For example, assessments can be made through exercises, projects, presentations or tests. The details are given in the Course Catalogue of ETH Zurich. Only one repetition is permitted. It is only possible to repeat a failed examination if the offering department of ETH Zurich or the respective university provides no other regulations for the repetition. A passed examination cannot be repeated.

→ www.course-catalogue.ethz.ch

→ www.ethz.ch/students/en/studies/performance-assessments.html

Examinations Office

HG F18, Rämistrasse 101, 8092 Zurich

Email: exams@ethz.ch, Tel.: +41 44 632 20 68

6.1 Types of Performance assessments

There are three different types of Performance assessments:

- Session examinations
- End-of-semester examinations
- Semester performances

6.1.1 Session examinations

This form of performance assessment is carried out during the examination sessions, which are held twice a year: once in the winter session (calendar weeks 4-7) and once in the summer session (calendar weeks 32-35). These examinations are planned by the Examinations Office and are listed in the student's personal examination schedule, which is shown on myStudies.

The student must register for the session examinations during the third or fourth week of each semester.

It is possible to withdraw from examinations via myStudies (otherwise, the examination will be considered as failed “no show”), according to the following deadlines:

- from the third week of the semester until Sunday at midnight (24:00 hours) one week before the start of the examination session.

Once the withdrawal deadline has expired, it is only possible to withdraw for reasons of force majeure (e.g. illness, accident).

There are performance assessments which are only offered in the session immediately after the course. These examinations are specified in the Course Catalogue by the following label: “Repetition only possible after re-enrolling for the course unit”.

6.1.2 End-of-semester examinations

This form of performance assessment is carried out during the last two weeks of a semester and during the first two weeks after the end of the semester. The examination dates are announced by the lecturer offering the course. These examinations are thus not shown in the examination schedule on myStudies.

The student must register for the end-of-semester examinations during the third or fourth week of each semester.

→ www.mystudies.ethz.ch

→ www.ethz.ch/students/en/studies/performance-assessments.html

It is possible to withdraw from examinations via myStudies (otherwise, the examination will be considered as failed “no show”), according to the following deadlines:

- from the third week of the semester to the penultimate week of the semester (Sunday at midnight, 24:00 hours).

If it is possible to repeat a performance assessment without re-enrolling in a course, a repetition date, generally at the start of the following semester, is offered. The lecturer offering the course also announces this date.

For repetition, it is necessary to register through myStudies. This is only possible once the results have been decreed.

6.1.3 Semester performance

This usually takes the form of integrated performance assessments during the semester or performance assessments, which take place outside of the normal semester schedule (e.g. block courses, theses, projects). Semester performances may be graded or ungraded. Students must enroll in the respective course.

6.2 Grading System

Courses can be assessed with “pass/fail” or with a grade.

ETH Zurich does not use the ECTS Grading Scheme. The grading scale goes from 1.0 to 6.0 in quarter grade (0.25) steps. The pass grade is 4.0, the maximum grade is 6.0.

If the student discontinues an exam or a project, the performance will be regarded as failed and will be marked with the term “no show”.

→ www.ethz.ch/content/dam/ethz/main/education/rechtliches-abschluesse/grading.pdf

6.3 Credit points

The credit system of ETH Zurich is based on the European Credit Transfer System (ECTS) and 1 ECTS corresponds to an average workload of 30 hours. 30 ECTS are equivalent to one semester of full-time study.

Credit points are assigned to each learning unit according to the expected student workload. Courses are indicated in the Course Catalogue with credit points as well as hours. In general, courses at Master’s level at D-MAVT correspond to 4 ECTS (3-4 hours a week).

Credit points are only awarded for successfully completed assessments. Partial awarding of credit points is not permitted.

7 Exchange

The Department of Mechanical and Process Engineering (D-MAVT) supports students to broaden their horizons through a “study abroad” experience.”

The exchange programs are open only for students with an ETH Bachelor’s degree and with good academic performances.

For students who are interested to take part in an exchange programme at one of ETH Zurich’s partner universities, D-MAVT Student Exchange provides advice on choosing where to study, how to apply and what to do while they are there and once they are back.

→ www.ethz.ch/student-exchange-office

→ www.mavt.ethz.ch/studies/exchange-and-visiting-studies.html

According to ETH Zurich regulations, at least two-thirds of the credit points required for a Master’s Degree must be obtained at ETH Zurich. D-MAVT requires that at least 12 credit points in the category Core Courses (36 ECTS) have to be achieved at ETH Zürich.

The Director of Studies is responsible for the credit recognition at D-MAVT. The grades are converted in the ETH system, according to the table provided by the ETH Student Exchange Office. The courses, credit points and grades are included in the ETH transcript, according to the category approved by the tutor.

Information about financial aid, travel costs, enrollment can be found on the webpages of ETH Zurich.

→ www.ethz.ch/students/en/studies/study-abroad/exchange/exchange-programmes/swiss-european-mobility-programme/smt.html

→ www.ethz.ch/students/en/studies/financial/travel-allowance.html

8 Climate-KIC Master Label Program

Climate-KIC and ETH Zürich offer the opportunity to develop cleantech innovations in cooperation with different European universities (e.g. TU Delft, University of Copenhagen) and corporate partners. Within the Climate-KIC Master Label Program, students develop the skills necessary to commercialize their cleantech driven business ideas. Students will explore how cutting-edge science is being transformed into new products and services. They will also examine different market drivers of climate innovation, and have the chance to start their own business.

→ www.master-process-engineering.ethz.ch/climate-kic-label.html

The Climate-KIC certificate is obtained by meeting the following requirements in addition and during the Master’s Program:

1. Participation in the Climate-KIC Journey;
→ <https://journey.climate-kic.org/>
2. Attendance of complementary courses in climate science or entrepreneurship worth 8 ECTS;
3. 6 months of your Master’s Program spent outside of ETH Zurich, e.g. by doing an exchange semester, an internship or thesis research;
4. Participation in at least 5 Spark! events, Climate-KIC’s series of inspirational lectures, talks, workshops or site visits;
5. A Master’s Thesis on a topic related to climate change and entrepreneurship.

The application, selection and admission are coordinated by the Climate-KIC Education Manager.

Education Manager, Liaison Climate-KIC / ETH

Dr. Carole Rapo

Limmatstrasse 264, 8005 Zürich

Phone: +41 44 632 89 50, email: carole.rapo@community.climate-kic.org

9 MyStudies

“MyStudies” is the central application for all students to administrate their studies. The myStudies application is available to active ETH Zurich students, using the “nethz” (username) and password. The username and password will be assigned by the Academic Services once the complete enrollment documents have been received by ETH Zurich.

→ www.myStudies.ethz.ch

The most important activities on myStudies include:

- Enroll for the new semester
 - Submit the Learning Agreement
 - Register for courses, projects and theses
 - Register for examinations
 - See the Transcript of Records
 - Request to issue the Degree certificate
- www.ethz.ch/students/en/studies/academic-support/web-based-platforms/mystudies.html

10 Legal basis

Study regulations Master in Process Engineering:

→ <https://rechtssammlung.sp.ethz.ch/Dokumente/324.1.0300.10.pdf>

Legal Collection:

→ https://rechtssammlung.sp.ethz.ch/_layouts/15/start.aspx#/default.aspx

Directives Collection of the Rectorate:

→ <https://www.ethz.ch/en/studies/legal-principles-degrees/legal-basis/directives.html>

11 Plagiarism

It is the responsibility of the student to be aware about the handling of scientific knowledge and the potential consequences of violating the rules.

A signed Declaration of Originality is a component of every Semester Project and Master’s Thesis. By signing the Declaration of Originality, students attest that they have authored the work in question themselves; read the ‘Citation Etiquette’ information sheet on plagiarism; and adhered to the rules of citation standard in their disciplines.

→ www.ethz.ch/plagiarism

12 Code of Conduct

The Department of Mechanical and Process Engineering ensures that the environment is respectful and professional for all ETH members including professors, students, research, administrative and technical staff, and lecturers.

We treat everyone with the same respect with which we expect to be treated. We behave and present ourselves professionally at all times.

Our environment is:

- one of mutual respect
- free from threats and violence
- free from sexual harassment
- free from discrimination
- free from bullying and mobbing

→ www.mavt.ethz.ch/the-department/code-of-conduct.html

13 Correct usage of Telematics Resources (“BOT”)

Each student is personally responsible for ensuring that her/his use of Telematics Resources at ETH Zurich does not violate the provisions of the Acceptable Use Policy as well as ensuring a secure data management.

Acceptable Use Policy:

- www.ethz.ch/content/dam/ethz/associates/services/Service/rechtliches/bot_merkblatt_fuer_studierende_en_0314.pdf

Manage your data:

- www.itsecurity.ethz.ch/en/#/manage_your_data

safelT – Awareness program:

- www.ethz.ch/services/en/it-services/safeit.html

14 Financial

Like any form of education, studying at ETH Zurich costs money. In addition to tuition fees and semester fees, most importantly there are living costs to consider too. It is estimated that students spend CHF 16,000 to CHF 26,000 on study and living costs each year.

14.1.1 Tuition fees

The tuition fees and semester fees of ETH are CHF 660.00/semester tuition fees plus CHF 69.00/semester compulsory fees.

→ www.ethz.ch/en/studies/financial/tuition-fees.html

The tuition fee does not apply for students taking a leave of absence semester. With enrollment for individual courses during the leave of absence, CHF 50.00 is charged for each semester hour up to a maximum of the tuition fee for a full semester (CHF 660.00). However, the compulsory semester fees must be paid.

→ www.ethz.ch/students/en/studies/administrative/study-specific/leave-of-absence.html

14.1.2 Scholarships

ETH Zurich can offer a scholarship to students if they and their family cannot afford this funding, provided that the students can demonstrate that they are making adequate progress with their studies.

→ www.ethz.ch/scholarships

Excellence Scholarship

ETH Zurich supports excellent students wishing to pursue a Master's Degree at ETH with a scholarship.

→ www.ethz.ch/excellence-scholarships-en

Markus Meier Fund

D-MAVT has special funds for students who have completed studies at a Swiss university or at a University of Applied Science.

→ www.mavt.ethz.ch/studies/markus-meier-fund.html

15 Useful information about ETH Zurich

15.1 Contacts D-MAVT

D-MAVT Student Administration

ETH Zentrum, LEE K 208

Leonhardstrasse 21

CH-8092 Zurich

Phone: +41 44 632 24 57 or +41 44 632 43 92, email: info@mavt.ethz.ch

Opening hours (or by appointment)

During the semester:

Mon: 13:00 – 16:00

Tue: 09:00 – 13:00

Wed: 09:00 – 12:00

Thu: 13:00 – 16:00

Fri: 09:00 – 12:00

During the semester break:

Mon: closed

Tue: 09:00 – 12:00

Wed: closed

Thu: 13:00 – 16:00

Fri: 09:00 – 12:00

D-MAVT Student Exchange

Ji Hyun Lee

LEE K 207

Leonhardstrasse 21, 8092 Zurich

Phone: +41 44 632 59 24, email: mobility@mavt.ethz.ch

Opening hours:

Mon – Thu, 09:00 – 12:00

15.2 Contacts ETH

Admissions Office

Zentrum Campus, Main Building, HG F 21.2-5

Opening hours for Master students: Mon – Fri: 11:00 - 13:00

Phone: +41 44 632 81 00, email: master@ethz.ch

Registrar’s Office

Zentrum campus, Main Building, HG F 19

Opening hours: Mon – Fri: 11:00 - 13:00

Phone: +41 44 632 30 00, Fax: +41 44 632 10 61, email: registrar@ethz.ch

Examinations Office

Zentrum campus, Main Building, HG F 18

Opening hours: Mon – Fri: 11:00 – 13:00 or as arranged by phone

Phone: +41 44 632 20 68, email: exam@ethz.ch

International Student Support

Zentrum campus, Main Building, HG F 22.3

Phone: +41 44 632 20 95, email: international@sts.ethz.ch

Financial Aid Office

Zentrum campus, Main Building, HG F 22.1

Phone: +41 44 632 20 40, email: studienfinanzierung@sts.ethz.ch

Disability Advisory Service

Zentrum campus, Main Building, HG F 68.3

Phone: +44 632 35 92, email: karin.zuest@sts.ethz.ch

Psychological Counseling University Zurich and ETH Zurich

Phone: +41 44 634 22 80, email: pbs@ad.uzh.ch

15.3 Weblinks

Webpage Master of Science in Process Engineering

→ www.master-process-engineering.ethz.ch/

Student portal

→ www.ethz.ch/students/en.html

Course Catalogue

→ www.vvz.ethz.ch

AMIV (Academic Association of Mechanical and Electrical Engineers, ETH)

→ www.amiv.ethz.ch

LIMES (Ladies in Mechanical and Electrical Studies)

→ www.limes.ethz.ch/

SOSETH

→ <https://sos.ethz.ch/>

Housing Office of University Zurich / ETH Zurich

→ www.wohnen.ethz.ch/en

Woko Studentische Wohngenossenschaft (Home for Students)

→ www.woko.ch

ETH Zurich Ombudsmann

Confidential qualified help in case of serious difficulties, conflicts and personal crises

→ www.ethz.ch/ombudspersons

Nightline Zürich

→ www.nightline.ch

15.4 ETH Zurich in short

Consistently rated among the top universities in Europe, ETH Zurich is a leading participant in the world of research and education in Switzerland and abroad. Its 16 departments offer Bachelor, Master and Doctoral Programs in engineering and natural sciences.

ETH Zurich has more than 21,000 students from approximately 120 countries, 4,000 of whom are doctoral candidates. About 530 professors teach and conduct research in the areas of engineering, architecture, mathematics, natural sciences, system-oriented sciences, and management and social sciences.

21 Nobel Laureates have studied, taught or conducted research at ETH Zurich, underlining the excellent reputation of the institute; the most famous graduate of ETH Zurich was none other than Albert Einstein.

The international environment – close to 60% of the professors come from outside of Switzerland – and the excellent teaching and research infrastructure make ETH Zurich the ideal place for creative individuals. Connections with businesses and industries are strong, as the Greater Zurich Area is the economic center of Switzerland and home to numerous international companies.

ETH Zurich has two principal locations: one in the center of Zurich and the Science City campus at Hönggerberg, just outside the city. Students participating in the Master's Program in D-MAVT spend most of their time at the central campus.

→ www.ethz.ch/en/campus.html

15.5 Zurich – the city

Zurich is well-known as a safe and attractive city – indeed, for several consecutive years it has been ranked as having the highest quality of life in the world. Despite its relatively small size (380,000 inhabitants), the city has an international metropolitan flair and offers an extensive range of leisure amenities.

While Berne is Switzerland's political capital, Zurich is considered its business capital: formerly an industrial town, the city's focus has shifted to commerce and knowledge-intensive enterprise.

With its theatres, concert halls, museums, art galleries, libraries, bookshops, and educational institutions at all levels, Zurich is also a center of cultural importance. Its location on Lake Zurich and its proximity to the Alps and other places of scenic interest make Zurich a pleasant place to live in both summer and winter.

Zurich has excellent air, rail and road connections. Eurocity and Intercity trains from all directions stop at the central station. Within the metropolitan area, there is a combined network of public transportation, linking rapid suburban rail, trams, buses and boats.

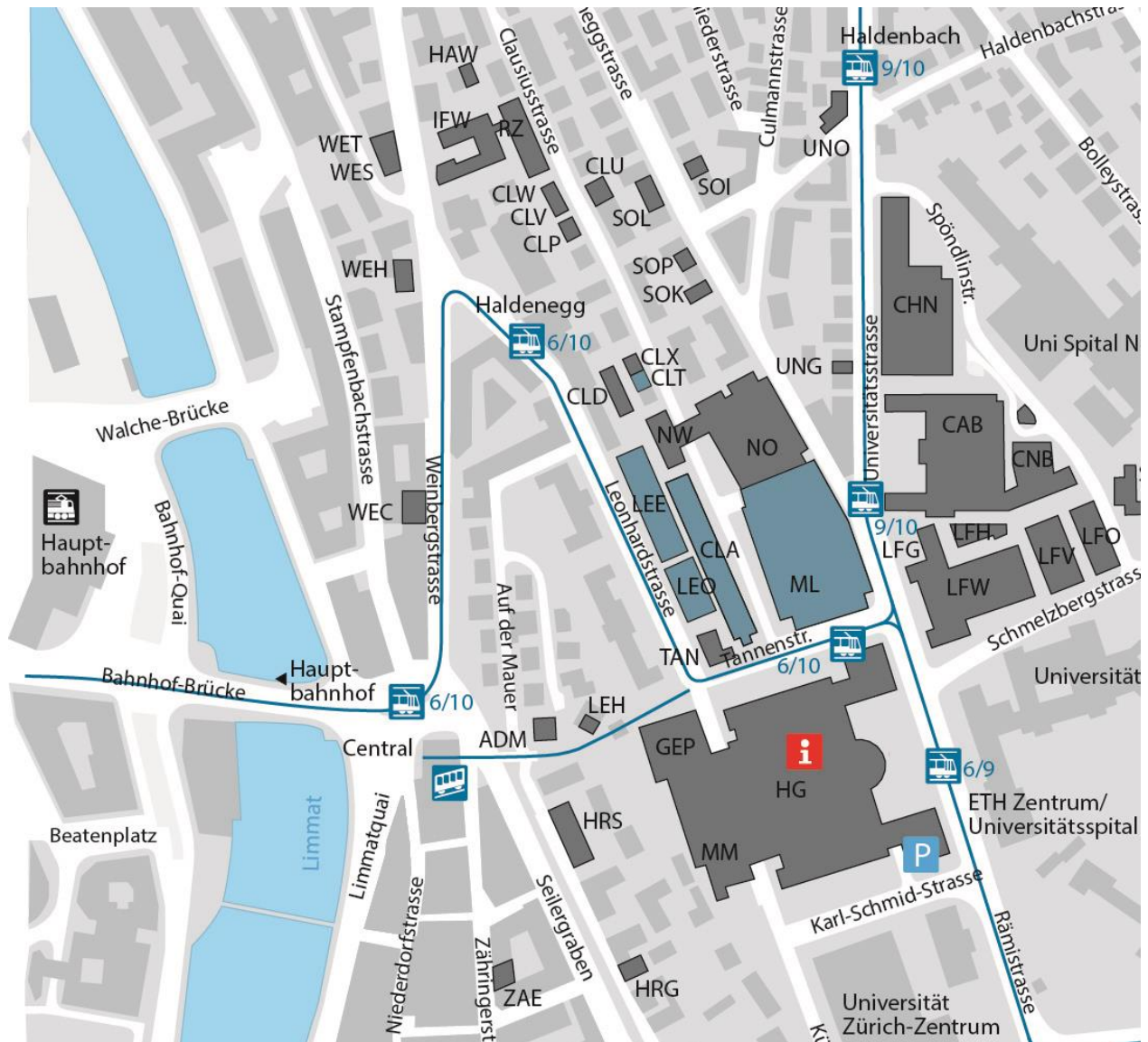
15.6 Locations

Getting to the campus

→ www.ethz.ch/en/campus/access.html

D-MAVT

→ www.mavt.ethz.ch/the-department/locations.html



ETH Zurich
Department of Mechanical and Process Engineering
Leonhardstrasse 21
8092 Zurich

www.mavt.ethz.ch

