



St. Peter Church
Largest clock face in Europe
with a diameter of 8,6m.
Designed by the Swiss graphic
artist Ernst Keller.

★★★★

1km

Study Guide 2023/24

MSc Geomatics

Preface

The ETH Zurich degree programme in Geomatics offers a fresh, current and varied course of studies which educates geomatic engineers to be sought-after specialists. Today a broad spectrum of employers require the training it provides.

Geomatics combines geodesy and geoinformatics. It encompasses areas of geographic information science and cartography, engineering geodesy, satellite geodesy and navigation, remote satellite sensing and photogrammetry, spatial sciences and land use, and geodynamics. Geomatics traces a wide arc from the geosciences through the engineering sciences, informatics, spatial planning and land development to the environmental sciences. The degree programme covers the corresponding bases, such that its students can actively keep pace with the rapid developments of today and apply themselves optimally to the professional and scientific requirements of tomorrow.

The Master's degree programme in Geomatics encourages flexibility and focuses on individual specialisation. The programme is tailored equally to the needs of project agencies, companies and agencies working in the areas of geomatic engineering, planning and the environment and the requirements of projection, realization, operation and supervision of plants and entire infrastructure systems.

The degree programme in Geomatics is offered by the ETH Zurich Department of Civil, Environmental and Geomatic Engineering (D-BAUG), together with programmes in Civil, Environmental and Geospatial Engineering and the Master's degree programme in Spatial Development and Infrastructure Systems.

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1 Introduction

1.1 Structure

The Master's degree programme in Geomatics is a full-time study programme. A minimum of 120 ECTS credits is required to obtain the degree "Master of Science ETH in Geomatics". The standard period required to complete the programme is four semesters. The degree must be completed within four years of starting the programme.

A study year at ETH Zurich comprises two semesters of fourteen weeks each.

The Geomatics programme at ETH Zurich follows the internationally agreed Bologna standard. The European Credit Transfer System (ECTS) is used to evaluate the academic achievements of students at ETH Zurich, with one credit point corresponding to approximately thirty hours of study. All courses (lectures, exercises, seminars, practicums, etc.) that serve to impart knowledge, understanding and skills count as contact hours.

The language of instruction is English. This means that courses are generally taught in English, in particular this is guaranteed for all compulsory courses. However, the range of elective courses includes courses which are partially in German and partially in English. The language used is listed for each course in the course catalogue.

The tailored education obtained within the framework of this Master's degree programme is designed through discussions between each student and a tutor. Tutors are assigned to each student at the beginning of their studies. Together they develop a personalised curriculum taking into consideration the student's interests, talents and expectations.

1.2 Legal basis

The Master's degree programme in Geomatics is subject to the stipulations set out in the following legal documents:

- Study regulations 2022 for the Master's degree programme in Geomatics, dated 26 October 2021
- ETH Zurich ordinance on admission to studies at ETH Zurich, dated 30 November 2010
- Directive on admission to Master's degree programmes, dated 1 November 2011
- ETH Zurich ordinance on performance assessments, dated 22 May 2012
- ETH Zurich ordinance on performance assessments: Implementation stipulations, of 30 January 2013

These and other documents can be found in the download area on the homepage of the degree programme at www.geomatics.baug.ethz.ch/documents →, in the legal collection at www.ethz.ch/rechtssammlung → or in the directives collection at www.ethz.ch/directives →.

This Study Guide explains the legal basis in more detail and provides further information on the structure and processes of the study programme. It is not itself legally binding. The German versions of the documents of the underlying laws listed above are the legally binding documents.

2 Master's degree programme

2.1 Purpose

The ETH Master's degree programme provides in-depth knowledge in the core disciplines in Geomatics. It builds on the knowledge acquired by graduates of the Bachelor's degree programme and further develops their professional training. Students can largely tailor their studies according to their individual interests.

2.2 Tutor system

Students compile an individual curriculum together with their tutor, which ensures solid academic training with relevance to practice, and also takes into account the expectations and talents of the individual student.

At the beginning of the course, each student will be assigned to a tutor from the professorate. The students may state their preferences. They will receive further information on this at the beginning of the semester.

In an initial meeting, the tutor and the student compile a personalised curriculum (see point 3.5), intended to ensure a sound professional education, taking into account the talents and expectations of the students. In addition, the tutors are available for consultation with students throughout the Master's degree programme.

2.3 Compulsory courses

The **compulsory courses** are mandatory for all students on the Master's degree programme and teach general methodical skills in Geomatics. They thereby form the basis for individual specialisation in the Master's degree programme.

The compulsory courses are studied in the first Semester (Autumn Semester) and consist of the following four courses:

- Computational Methods for Geospatial Analysis (4 credits)
- Geospatial Data Acquisition (4 credits)
- Geospatial Reference Systems (4 credits)
- Geospatial Research Methods (4 credits)

If one of the four compulsory courses was already completed at ETH Zurich during the preceding (Bachelor's degree) programme, the Director of Studies may, on request, approve a different course as a compulsory course.

A reduction in the minimum number of credits required in the compulsory courses is not possible.

2.4 Core electives

The **core electives** teach the central subject knowledge in selected areas of Geomatics. They can be freely combined without any particular specialisations being required. Together with the tutor, the students put together their own personal curriculum. Students acquire at least twenty-four credits in the category of core electives.

Some courses may only be offered every other year, some of them may take place outside the regular semester. One example of this is the Geodetic Project Course. Students are therefore advised to examine the available courses early.

2.5 Complementary electives

The **complementary electives** teach specialist knowledge in greater depth in the field of Geomatics and specialist knowledge in related disciplines. Students acquire at least sixteen credits in this category.

2.6 Free electives

The **free electives** serve to broaden specialised knowledge and convey deeper knowledge in selected subject areas. Students may select individual free elective courses from the entire course catalogues of ETH Zurich and the University of Zurich, whereby any admission requirements of the departments offering the courses must be observed.

A minimum of eight credits must be acquired in the free electives category. The form of assessment is determined by the department offering the course in the course catalogue. If a student fails an elective twice, he/she must select another elective.

2.7 Science in Perspective (SiP)

Science in Perspective (SiP) courses are humanities, social sciences and law courses that reflect on the STEM subjects (science, technology, engineering and mathematics) that form the core of ETH's mission. It also includes courses that are aimed at expanding the students' cultural horizons. SiP courses are meant to help students think critically about contemporary techno-scientific knowledge from various social, historical and cultural perspectives. Attendance of SiP courses is a requirement for all ETH Zurich students.

The courses recognised as SiP courses are listed in the ETH Zurich course catalogue under the programme "Geomatics Master", section "GESS Science in Perspective".

At least two credits must be acquired through SiP courses. The form of assessment is determined by the department offering the course in the course catalogue. A failed SiP course can be repeated once. If a student fails a SiP course twice, he/she must select another SiP course.

Further information can be found in the Science in Perspective directive as well as at www.gess.ethz.ch/sip →.

2.8 Projects

In the second and the third semester, Master's degree students must complete a **project**. The projects teach the students in-depth specialist knowledge in the context of projects to be worked on independently in selected areas of Geomatics, promoting teamwork, project organisation and technical writing and presentation.

The projects are written under the supervision of two different Geomatics professorships. Each project extends throughout one Semester and is awarded a grade. Topics are to be chosen at the end of the prior semester. Projects are generally completed as group work.

More information will be provided on the programme homepage and via e-mail during the preceding semester.

Successfully completed project work is awarded twelve credits. At least twenty-four credits must be acquired through projects.

A failed project may be repeated once. If it is repeated a new theme must be addressed. The repetition may be supervised by a different supervisor than in the first attempt. A project which has already received a pass grade may not be repeated.

2.9 Master's thesis

The **Master's thesis** is the culmination of the Master's degree programme and takes twenty-eight weeks (twenty-six weeks of work plus two weeks of compensation for holidays, sick days and other brief absences). The exact start and submission dates will be set by the supervisor. The completed thesis demonstrates the student's ability to work independently toward the solution of a theoretical or applied problem.

Before starting the Master's thesis, students must have

- obtained the Bachelor's degree;
- fulfilled all specified admission conditions, if any;
- acquired the required credits for compulsory subjects and for project work.

The supervisor responsible for the Master's thesis sets the subject of the Master's thesis in consultation with the student and defines the scope of the work. The supervisor determines the assessment criteria and communicates them to the student when thesis work commences.

Students need to enrol for the Master's thesis electronically using myStudies before starting work. Enrolment will be automatically enabled once all preconditions for the commencement of the Master's thesis have been met. Therefore the Master's thesis cannot be started until enrolment in myStudies is complete and the information has been confirmed by the supervisor.

The Master's thesis may be undertaken as a group project, provided that the individual efforts of each group member can be assessed. Undertaking the thesis in a group requires the written approval of the responsible professor. The efforts of each group member will be graded individually.

If cogent grounds are supplied the Director of Studies may, on request, grant an extension of the deadline or a postponement of the Master's thesis unit as a whole. His/her decision is final.

Upon successful completion of the Master's thesis, students are awarded thirty credits (minimum grade 4.0). If a Master's thesis is not successfully completed, it can be repeated once. A new topic must be defined and it can be carried out with the same supervisor or with another professor.

An information sheet on the Master's thesis will be published on the degree programme homepage in due time.

2.10 Master's degree

For the acquisition of a Master's title, evidence must be provided of at least 120 credits in the corresponding categories. With this evidence, students can apply for their Master's degree within four years of the start of their Master's degree programme.

The following minimum requirements per category apply:

Category	Minimum cr
Compulsory courses	16
Core electives	24
Complementary electives	16
Free electives	8
Science in Perspective	2
Projects	24
Master's thesis	30
Total	120

Request to Issue the Degree

The request to issue the Master's degree can be submitted as soon as the minimum credit points required in each category have been obtained. It is not permissible to divide the credit points of a course unit among several categories.

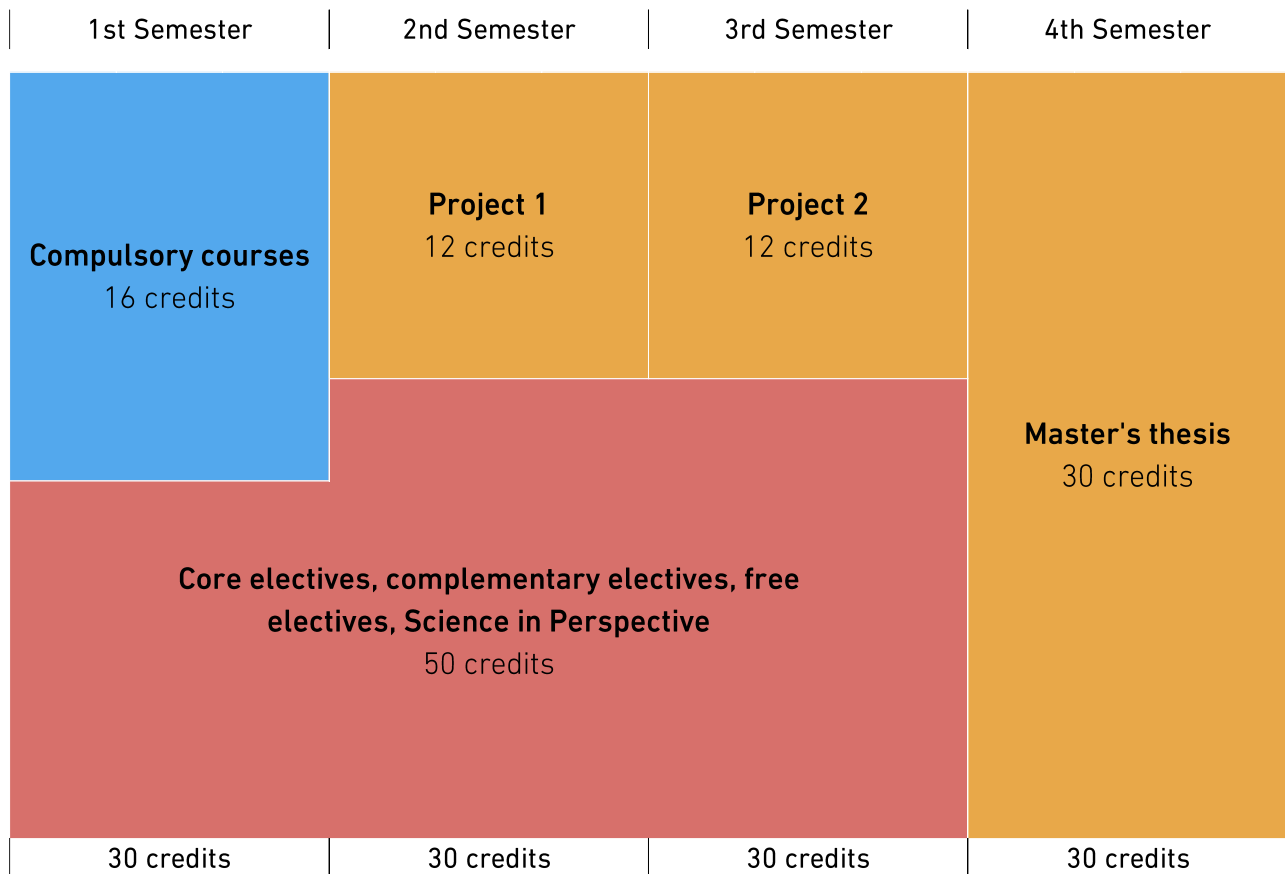
The final grade is calculated as the weighted average of all grades obtained in the Master's degree programme with the corresponding credit points as weightings.

A maximum of 130 credits are recognised towards the Master's degree. All additional study achievements obtained but not required for the degree are listed on a separate page of the final academic record. Please note that all study achievements completed at ETH Zurich are listed, including any performance assessments not successfully completed (not passed), any "no shows" and all additional admission requirements.

For failed performance assessments which were passed successfully in the second attempt, only the results achieved last are listed.

3 Curriculum

3.1 Outline



3.2 Compulsory courses

The compulsory courses take place in the **Autumn semester**. They are mandatory for all students and include the following four courses:

	CU No.	Title	hpw	cp
1st semester	103-0251-00L	Computational Methods for Geospatial Analysis	4G	4
	103-0250-00L	Geospatial Data Acquisition	4G	4
	103-0249-00L	Geospatial Reference Systems	4G	4
	103-0248-00L	Geospatial Research Methods	4G	4

CU No = Course unit number

hpw = Hours per week

cp = Credits

3.3 Core electives

Students must acquire a minimum of 24 credits from core elective courses.

Below is an alphabetical listing of core elective courses offered each semester. The listing is current as of August 2023. Please note that the course offering may change. The definitive lists of courses as well as the details of the individual courses are published in the course catalogue at www.vvz.ethz.ch →. Should there be any discrepancies between the lists below and the information in the course catalogue, the **course catalogue** shall take precedence.

The course catalogue for the Autumn Semester is generally published in mid-May, for the Spring Semester in mid-November.

As a general rule, the language of the titles corresponds to the language of instruction.

Autumn Semester:

	CU No.	Title	hpw	cp
1st / 3rd semester	103-0227-00L	Application Development in Cartography	4G	6
	102-0627-00L	Applied Radar Remote Sensing	2G	3
	102-0617-00L	Basics and Principles of Radar Remote Sensing for Environmental Applications	2G	3
	103-0687-00L	Cadastral Systems	2G	2
	103-0287-00L	Image-based Mapping	2G	6
	851-0724-01L	Immobiliarsachenrecht	3V	3
	101-0427-01L	Public Transport Design and Operations	4G	6
	103-0187-01L	Space Geodesy	4G	6
	101-0417-00L	Transport Planning Methods	4G	6

Spring Semester:

	CU No.	Title	hpw	cp
2nd semester	103-0237-00L	Advanced GIS	3G	6
	103-0137-00L	Engineering Geodesy	3G	6
	103-0178-00L	Geodetic Earth Monitoring	4G	6
	103-0798-00L	Geodetic Project Course*	9P	6
	103-0458-00L	Haushälterische Bodennutzung	2G	3
	103-0247-00L	Mobile GIS and Location-Based Services	4G	5
	103-0228-00L	Research Topics in Cartography	3G	6
	103-0326-01L	Standortmanagement	2G	2
	103-0448-01L	Transformation of Urban Landscapes	2G	3

*not offered in Spring Semester 2024

3.4 Complementary electives

Students must acquire a minimum of 16 credits from complementary elective courses. All core electives can also be counted as complementary electives.

The information on the course lists in 3.3 applies as appropriate.

Autumn Semester:

	CU No.	Title	hpw	cp
1st / 3rd semester	103-0747-00L	Cartography Lab	13A	6
	103-0778-00L	GIS and Geoinformatics Lab	4P	4
	103-0258-00L	Interoperability of GIS	3G	3
	103-0820-00L	Introduction to Scientific Computation	2G	3
	263-5905-00L	Mixed Reality	3G+1A	5
	103-0787-00L	Project Parameter Estimation	2P	3
	363-0790-00L	Technology Entrepreneurship	2V	2

Spring Semester:

	CU No.	Title	hpw	cp
2nd semester	401-6624-11L	Applied Time Series	2V+1U	5
	103-0747-00L	Cartography Lab	13A	6
	103-0318-02L	GIS-Based 3D Landscape Visualization	2G	3
	252-0220-00L	Introduction to Machine Learning	4V+2U +1A	8
	701-0412-00L	Klimasysteme	2G	3
	103-0338-00L	Projektwoche Landschaftsentwicklung	9P	5
	860-0001-00L	Public Institutions and Policy-Making Processes	2G	3
	151-0566-00L	Recursive Estimation	2V+1U	4
	103-0427-00L	Regionalökonomie	2G	4
	103-0252-00L	Spatial Data Science*	2S	3
	252-0579-00L	3D Vision	3G+1A	5

*not offered in Spring Semester 2024

CU No = Course unit number

hpw = Hours per week

cp = Credits

3.5 Compiling a personal curriculum

Once they have been notified who their tutor is, the students make an appointment with them. In preparation for this initial meeting, the students draw up a personal curriculum covering the planned **core and complementary electives** for the entire programme of studies.

In the meeting with the tutor, the student's interests, skills and expectations will be discussed and the personal curriculum compiled. The curriculum will then be signed by both student and tutor and delivered through the letterbox outside the study administration office **by the end of the second week of the semester**.

The purpose of compiling a personal curriculum is to help support students in selecting their courses and ensuring that the programme of studies is in line with the student's aims. The courses selected however are not binding and can be adjusted if personal interests or the courses on offer change. Such adjustments do not require the agreement of the tutor.

A template listing of all core and complementary electives can be found at www.geomatics.baug.ethz.ch/documents →.

4 Performance assessments

At ETH Zurich, performance is assessed primarily through session examinations, end-of-semester examinations or semester performance assessments, which may be oral and written examinations, presentations, project work and written papers. The form of performance assessment, examination language, mode, etc. is specified for each course in the study regulations or in the course catalogue.

Credits are awarded for successfully completed courses (lectures with exercises, seminars, etc.). The number of credits awarded depends on the course catalogue. Credits are only awarded for satisfactory performance (grade of at least 4.0 or "passed"). Failures can be repeated once.

4.1 Session examinations

Session examinations are carried out during the examination sessions which are held twice a year (Calendar weeks 4 to 7 and 32 to 35). Students must register for session examinations during the registration period via myStudies.

The examinations are planned by the Examinations Office and are listed in the student's personal examination schedule which is shown in myStudies.

Session examinations may be written or oral and are always graded.

Please note: Not all session examinations can be chosen each session. There are performance assessments which are only offered in the session immediately after the course. These examinations are specially marked in the course catalogue.

4.2 End-of-semester examinations

End-of-semester examinations are carried out during the last two weeks of a semester or during the first two weeks of the semester break. At the turn of the year, these are calendar weeks 2 and 3 in January. Students must register for end-of-semester examinations during the registration period via myStudies.

The lecturers enter the dates of the end-of-semester examinations continuously so that students can view the dates of the registered end-of-semester examinations in myStudies. As of week 8 of the semester all dates of the end-of-semester examinations must be listed completely (resp. as of week 20 of the semester for the repetition dates).

End-of semester examinations may be written or oral and are always graded.

Note: If it is possible to repeat a performance assessment without having to re-enrol in a course, a repetition date, generally at the start of the following semester, is offered. These dates are also announced by the lecturers or the department offering the course (Study Administration Office) and listed in myStudies as soon as students are registered for the repetition exam. Students must register for such a repetition date using myStudies, which is only possible once the result of the first try has been officially published by the Study Administration Office.

4.3 Semester performance

Semester performance mostly 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).

No separate registration is required for this type of performance assessment. However, students must *enrol* in the respective course.

Semester performance may be graded or ungraded (pass/fail).

Detailed information on courses and their corresponding performance assessments (examination type, language, mode, repetition etc.) is found in the course catalogue at www.vvz.ethz.ch →.

If a performance assessment has to be retaken, duration, mode and assessment load of the performance assessment correspond to the last course held; i.e. the most recent lecture material is always examined.

Further information on examination types, levels, scheduling, results etc. is available on the Student Portal at www.exams.ethz.ch →.

5 Fulfilling Additional Admission Requirements

Candidates who are admitted subject to the fulfilment of additional requirements must acquire the required additional knowledge and competences before or during the Master's degree programme via independent study or by attending classes. However the respective performance assessments are subject to the stipulations pertaining to the designated course units listed in the course catalogue.

The additional admission requirements must be completed **within the set deadlines**. These deadlines were communicated in the admission letter and are also available in myStudies.

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

Further information is available in the appendix to the Master's degree programme regulations, the ordinance on admission, and the directive on admission to Master's degree programmes.

6 Student exchange

Under certain conditions, high-performing students have the opportunity to complete one or two semesters of their Master's studies at another university. It is possible to do an exchange in the **second, third and/or fourth semester (Master's thesis)**.

The following conditions must be met for student exchanges:

- Bachelor's degree previously obtained from ETH Zurich, EPF Lausanne or the University of Zurich. No other students are entitled to participate in the ETH Zurich exchange programme during the second and/or the third semester.
- All students may write their Master's thesis at another university, provided that the Director of Studies gives his/her consent.
- Before departure, any conditions governing admission to the Master's degree programme must be met in full.
- Grade average of at least 4.5 in the Bachelor's diploma. Students who did not achieve this grade may still qualify for the exchange if they achieve a grade of 4.5 or higher in higher semesters of the Master's degree programme. The credit-weighted average grade applies, including the calculated results of all performance assessments, and at least 20 credits must have already been acquired in the Master's degree programme.
- The conditions for commencement of the Master's thesis are met before departure in the event of an exchange in the fourth semester.

Credits acquired at the host university may be counted towards the ETH Zurich degree programme as long as the projected academic activities during the exchange **are agreed upon**

in advance in the form of a written curriculum (form for recognition of courses). This curriculum should be drawn up to entirely or largely replicate the teaching units which the student will miss at ETH. For this reason the programme at the host university must offer ca. two thirds of the ETH Geomatics lectures (equivalents) over the same period of time (at least 20 credits per semester).

A maximum of 60 credits from another university can be counted towards the Master's degree. The regular duration of study (four semesters) should not be extended because of an exchange programme. Therefore, an exchange must be carefully planned into the overall study programme at an early stage.

Depending on the host university it may prove difficult to replicate courses. Careful clarification is essential.

The approved curriculum must be submitted to the exchange programme advisor before departure. [Templates](#) → are available on the degree programme webpage.

The composition of the curriculum and the organisation of subjects are the student's responsibility. He/she must ensure that individual courses are recognised as being equivalent by the professors concerned and the Director of Studies, and establish contact with the responsible person at the host university. The Student Exchange Office will help with administrative matters, e.g. enrolment, organisation of accommodation, residence permits, exchange grants and guidance during the exchange.

Final approval for exchange programmes is granted by the Director of Studies.

Exchange students remain matriculated at ETH and continue to pay tuition fees and other obligatory contributions. The host university does not charge them tuition fees.

Students interested in an exchange programme should gather information at an early stage from the [ETH Zurich Student Exchange Office](#) → (please note registration dates), on the [degree programme homepage](#) → (please note pre-application date for the Swiss-European Mobility Programme SEMP) and the [Departmental Exchange Advisor](#) →.

7 Internships

Although the curriculum of the Master's degree programme does not require an internship, students are advised to gain meaningful work experience while they are still at university. Internships enrich an academic education through the opportunities they present for real-life application of knowledge learned. They can nurture job-related skills and provide contacts with professionals in the field of interest which can be helpful later on.

8 Surveyor's Licence

Cadastral surveying plays an important role in geomatic engineering careers, and only those in possession of a Swiss Federal Surveyor's Licence are authorised to carry out surveys that have legal ramifications. They must also be listed in the Federal Register of Licensed Land Surveyors.

Candidates that can demonstrate sufficient theoretical training are allowed to sit the federal exam. Those who pass the exam receive a certificate signed by the head of the Swiss Federal Department of Defence, Civil Protection and Sport (Eidgenössisches Departement für Verteidigung, Bevölkerungsschutz und Sport, VBS) and the Chairman of the Surveyors Commission.

Interested parties find further information at www.cadastre.ch/internet/kataster/de/home/about/education/patent.html → or may contact the chairman of the Surveyors Commission directly: Georges Caviezel, c/o Eidgenössische Kommission für Ingenieur-Geometerinnen und Ingenieur-Geometer, Bundesamt für Landestopographie, Eidgenössische Vermessungsdirektion, Seftigenstrasse 264, 3084 Wabern.

9 Student engagement

Students at D-BAUG have a seat on the Teaching Commission and in the Department Conference.

The **Teaching Commission** consists of all directors of studies as well as students and assistants from all degree programmes at D-BAUG. It has the task, among other things, of preparing the revision of study regulations, approving examination procedures, receiving and processing suggestions and proposals for the improvement of study, and much more.

The **Department Conference** is the highest governing body of the department and determines the department's scientific and academic strategy and orientation. Its members are D-BAUG professors, associated professors of other departments and delegations of other lecturers, scientific staff, doctoral candidates, administrative and technical personnel and students.

To become involved in student politics please contact the student association GESO www.geso.ethz.ch →. The experience and contacts from the GESO can have a positive effect in your life both at the ETH and in the future.

10 Free time

ETH Zurich offers its students a large variety of free-time sports and arts activities. The pertaining contact addresses are found on the Student Portal: Select “Overview” from the drop-down menu “Campus” at www.ethz.ch/students/en →.

11 Advice and guidance

11.1 Info Desk

The first point of contact for students of Geomatics is the Info Desk:

Info Desk for students at D-BAUG

Jutta Westenhoeffer-Wagner
HIL E 32.1, Höggerberg Campus
8093 Zurich

Opening hours:

Please see “contact personnel” at www.geomatics.baug.ethz.ch/contacts →

Services at the Info Desk include

- general information on enrolment, ETH card, holidays, scholarships, etc.
- receipt of documents such as special requests to the Director of Studies, diploma applications, etc.
- provision of brochures, guidelines, regulations, information leaflets, etc.
- issuance of transcript of records
- evaluation of requests for postponement of military service
- room reservations for students (meeting rooms, teaching rooms)

11.2 Study Administration Office

For questions relating specifically to the Master’s degree programme in Geomatics, please contact the Study Administration Office:

Study Administration Office Geospatial Engineering

Regula Oertle / Katharina Koch
HIL E 31.3, Höggerberg Campus
CH-8093 Zurich
Phone: 044 633 22 79
oertle@stab.baug.ethz.ch / koch@stab.baug.ethz.ch

The Study Administration Office can be reached by email and phone from Monday to Friday. In-person visits are possible by appointment.

The Study Administration Office offers administrative support to MSc Geomatics students and provides information and guidance on

- curriculum
- fulfilment of additional requirements
- enrolment for project work and Master's thesis
- student exchange programmes (departmental exchange advisor: Regula Oertle)
- transfers into the Master's degree programme from other programmes

11.3 Academic advice and guidance

In addition to the tutor, academic advice and guidance is also available from assistants, lecturers and professors. Students who are experiencing problems with their courses should seek help from these persons at an early stage.

Details regarding the learning objectives and content of individual lectures are published in the ETH Zurich Course Catalogue at www.vvz.ethz.ch →.

11.4 Further counseling services and information

Various counseling services are available to students who are experiencing personal problems, see Chapter 13. Further services may be found on the Student Portal: Select "Overview" from the drop-down menu "Advice" at www.ethz.ch/students/en →.

Other useful sources of information are:

www.ethz.ch/en →

Studying at ETH Zurich

www.baug.ethz.ch/en →

Studying at D-BAUG

www.geomatics.baug.ethz.ch →

Master's degree programme in Geomatics

www.geso.ethz.ch →

Geospatial and Environmental Engineering Student Organisation (GESO)

12 Institutes and groups

The Master's degree programme in Geomatics is conducted by the following institutes and professors:

Institute of Cartography and Geoinformation



Chair of Cartography

Prof. Dr. Lorenz Hurni
HIL G 24.3
Stefano-Franscini-Platz 5
8093 Zurich

Phone: +41 44 633 30 34
E-Mail: lhurni@ethz.ch



Chair of Geoinformation Engineering

Prof. Dr. Martin Raubal
HIL G 27.3
Stefano-Franscini-Platz 5
8093 Zurich

Phone: +41 44 633 30 26
E-Mail: mraubal@ethz.ch

Institute of Geodesy and Photogrammetry



Chair of Geosensors and Engineering Geodesy

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Stefano-Franscini-Platz 5
8093 Zurich

Phone: +41 44 633 05 55
E-Mail: andreas.wieder@geod.baug.ethz.ch



Chair of Photogrammetry and Remote Sensing

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Chair of Space Geodesy

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Advice and Coaching	Student Advisory Service and Coaching Personal guidance regarding programme selection, changing programmes, study methods, workload and stress management: Ines Danuser ETH Zurich, HG F 68.4, Rämistr. 101, 8092 Zurich Phone: 044 632 83 29 ines.danuser@sts.ethz.ch www.ethz.ch/counselling-coaching Consultation hours by appointment
Disability Advisory Service	Disability Advisory Service Initial point of contact for questions and issues related to disability or chronic disease. For students with psychological disabilities, AD(H)D : Karin Züst ETH Zurich, HG F 68.3, Rämistr. 101, 8092 Zurich Tel. +41 44 632 35 92 karin.zuest@sts.ethz.ch www.ethz.ch/disability Consultation hours by appointment

For students within the **Autism spectrum, with physical disabilities, chronic illness (for example Diabetes), and Dyslexia:**

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