

**Department of Information Technology and Electrical Engineering
(D-ITET)
Detailed stipulations regarding the doctorate**

of 23 November 2021

This English translation serves information purposes only and has no legal force. The original German version is the legally binding document.

The ETH Zurich Executive Board,

at the request of the Department of Information Technology and Electrical Engineering at ETH Zurich¹ and pursuant to Art. 52 of the ETH Zurich Ordinance on the Doctorate of 23 November 2021²,

hereby decrees the following detailed stipulations regarding the doctorate:

Section 1: General provisions**Art. 1 Scope**

These stipulations set out the department-specific details governing the doctorate at the Department of Information Technology and Electrical Engineering (D-ITET) at ETH Zurich. They are based on the fundamental provisions of the ETH Zurich Ordinance on the Doctorate of 23 November 2021³ and the Rector's Implementation Provisions for the ETH Zurich Ordinance on the Doctorate of 23 November 2021⁴.

Art. 2 Doctoral committee

¹ The doctoral committee is composed of at least four D-ITET professors. In selecting the doctoral committee the aim is to appropriately represent the different D-ITET research areas.

² One of the members of the doctoral committee may be an adjunct professor.

¹ Resolution of the D-ITET Department Conference of 6 October 2021 (approval of the detailed stipulations)

² SR 414.133.1

³ SR 414.133.1

⁴ RSETHZ 340.311

Section 2: Recruitment and admission to the doctorate

Art. 3 Admission and extended doctoral studies

¹ At the departmental level the doctoral committee makes decisions on admission to doctoral studies at D-ITET. At the request of the doctoral thesis supervisor it also makes decisions regarding extended doctoral studies.

² The D-ITET Study Administration is available to answer questions regarding the credentials of candidates (performance, degree qualifications, universities).

Art. 4 Doctoral programmes

D-ITET doctoral students may participate in doctoral programmes (doctoral schools). If there are regulatory contradictions between D-ITET rules and the rules of the doctoral programme, D-ITET rules take precedence.

Art. 5 Aptitude colloquium

¹ The doctoral thesis supervisor is responsible for organising the aptitude colloquium and notifies the doctoral committee of its date and of the composition of the aptitude committee no later than ten days before the planned colloquium date.

² At the request of the doctoral thesis supervisor, the doctoral committee selects the chairperson.

³ D-ITET provides a form for reporting on and conducting the aptitude colloquium.

Section 3: Supervision of the doctorate

Art. 6 Second advisor

The second advisor must hold a doctoral degree.

Art. 7 Approval of adjunct professors and *PrivatdozentInnen* as doctoral thesis supervisors

The doctoral committee decides on the supervision of doctoral theses by adjunct professors and *PrivatdozentInnen*.

Section 4: Doctoral thesis and doctoral examination

Art. 8 External doctoral thesis projects

The doctoral committee decides regarding externally conducted doctoral thesis projects.

Art. 9 Co-examiners

¹ At least one co-examiner may not be employed at the same institute as the doctoral thesis supervisor, and any previous employment at this institute must (at the time of the co-examiner's appointment) lie at least five years in the past.

² At least one co-examiner may neither have co-supervised the doctoral thesis, nor worked with the candidate.

Art. 10 Doctoral examination: Deadlines

¹ The doctoral thesis supervisor must communicate details of the examination committee members (except for the chairperson) to the D-ITET Doctoral Administration three months before the scheduled examination date at the latest.

² The doctoral thesis must be sent to the co-examiners at least six weeks before the examination date. The doctoral thesis supervisor is responsible for adhering to this deadline.

³ The written reports of the doctoral thesis supervisor and the co-examiners (expert's reports) must be submitted to the D-ITET Doctoral Administration at least ten working days before the examination date.

⁴ The request for a definitive date must be submitted to the D-ITET Doctoral Administration at least six weeks before the planned examination.

Art. 11 Doctoral examination: Chairperson

At the time of the examination the chairperson of the examination committee may not be affiliated with the same institute as the doctoral thesis supervisor.

Art. 12 Doctoral examination: Implementation

¹ A presentation on the doctoral thesis topic is usually part of the doctoral examination.

² Doctoral examinations are in principle open to all ETH members and, normally, to external participants. The chairperson has the right to refuse access to certain persons.

³ The chairperson decides whether questions from the audience are permitted. Questions from the audience have no influence on the result of the examination.

Section 5: Final clauses

Art. 13 Transitional provisions

Doctoral students who are completing their regular doctoral studies under the previous regulations in accordance with Art. 65 of the ETH Zurich Ordinance on the Doctorate are subject to the provisions set out in Annex 1.

Art. 14 Entry into force

These detailed stipulations enter into force on 1 January 2022. They replace the detailed D-ITET stipulations regarding the ETH Zurich Ordinance on the Doctorate of 1 December 2009.

Application of salary rates

The salary rates for doctoral students are applied in accordance with Art. 8, Para. 3 of the Ordinance Governing Scientific Employees of ETH Zurich⁵, in association with Section 1 (3) of the Directives for Doctoral Students Employed at ETH Zurich⁶.

At D-ITET salary rates are applied transparently within institutes and professorships, and the fair distribution of tasks in teaching and services is ensured.

⁵ SR 172.220.113.11

⁶ RSETHZ 622

Annex 1

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Entry into force: 01.12.2009

Status: 19.02.2018

Information at: D-ITET student affairs' office

Detailed stipulations of the Department of Information Technology and Electrical Engineering (D-ITET) on the Ordinance on the Doctorate ETH Zurich

The department conference of the Department of Information Technology and Electrical Engineering of September 30, 2009, decrees the following detailed stipulations, in accordance with Art. 25 of the Ordinance on the Doctorate at the Swiss Federal Institute of Technology Zurich of July 1, 2008, and the Rector's Implementation Provisions for the ETH Zurich Ordinance on the Doctorate of September 1, 2008:

I. Doctoral Studies

Art. 1 General provisions

¹ Doctoral students shall discuss doctoral studies with their doctoral thesis supervisor.

² Doctoral studies shall be reported in the form of credit points (ECTS). At least 12 credit points (ECTS) must be obtained. One credit point (ECTS) corresponds to a workload of 25 to 30 hours.

³ The doctoral thesis supervisor may require more than 12 credit points (ECTS). In this case, the number of credits requested must be submitted in writing together with the research plan at the latest and the document must be signed by both the supervisor and the doctoral student.

Art. 2 Recognised achievements

¹ As a rule, only courses at the master's or at the doctoral level shall be recognised.

² Successfully passing the performance assessment associated with the course is a prerequisite for the acquisition of credit points. – a certificate of attendance ("Testat") is not sufficient.

³ The supervisor may also award credit points for participation in summer schools or similar.

⁴ *waived*⁷

⁵ Not recognised as credit points are:

- Teaching duties,
- participation in meetings and conferences,
- participation in a regular institute colloquium.

⁶ For the recognition of language courses, the regulations for the compulsory elective GESS⁸ apply.

⁷ According to Art. 25a, Para. 3 of the Doctorate Ordinance ETH Zurich (2008).

⁸ Art. 6 of the Rector's Directive on the compulsory elective GESS of September 24, 2007

II. Doctoral thesis⁹

Art. 3 Co-examiners¹⁰

¹ At least one co-examiner must not be employed at the same institute as the supervisor of the doctoral thesis, and any previous employment at this institute must date back at least five years (at the time of the co-examiner's registration).

² If both the doctoral thesis supervisor and a co-examiner have supervised the thesis, at least one additional co-examiner must be designated.

III. Entry into force

Art. 4 Repeal of previous law

These detailed stipulations replace the detailed stipulations of 24 June 1998 and enter into force after approval by the Rector of ETH Zurich. They apply to doctoral students who begin their doctorate after this date.

Decreed by the D-ITET department conference of September 30, 2009

Approved by the Rector on December 1, 2009

⁹ Art. 15 Doctorate Ordinance ETH Zurich (2008)

¹⁰ Decree of the D-ITET department conference of 27 May 2009