



Faculty of Computer Science and Mathematics

# **Subject-Specific Doctoral Degree Regulation**

of 15 October 2018

**Please note:**

**Only the German text, as published in the official law gazette, is legally binding. This English version is only intended to aid your understanding and does not have legal force. In the event of discrepancies between the English and German wording, the German wording shall prevail.**

## **Subject-Specific Doctoral Degree Regulation of the Faculty of Computer Science and Mathematics of the University of Passau**

**of 15 October 2018**

On the basis of Art. 13(1) sentence 2 in conjunction with Art. 64(1) sentence 5 of *Bayerisches Hochschulgesetz* (BayHSchG; the Bavarian higher education act), the University of Passau lays down the following by-laws:

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### **§ 1 Scope**

<sup>1</sup>This subject-specific doctoral degree regulation applies to all procedures at the Faculty of Computer Science and Mathematics of the University of Passau for the awarding, the withdrawal and the revocation of doctoral degrees and supplements the general doctoral degree regulation of the University of Passau. <sup>2</sup>If it becomes apparent that a provision of this regulation is not compatible with the general doctoral degree regulation, then the provision of the general doctoral degree regulation takes precedence.

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## **§ 2 Composition of committees**

(1) The Board of Examiners for Doctoral Awards consists of six members, all of whom are professors or *Juniorprofessorinnen* or *Juniorprofessoren* (assistant professors).

(2) Reviewers are not members of the Doctoral Awards Assembly.

(3) The chairperson of the Doctoral Examining Committee is appointed from among the members of the Board of Examiners for Doctoral Awards and is not entitled to vote.

## **§ 3 Acceptance requirements of the Faculty of Computer Science and Mathematics**

(1) Acceptance as a doctoral student at the Faculty of Computer Science and Mathematics is conditional upon the applicant having:

- 1) duly completed a university degree programme in computer science or mathematics or related to computer science or mathematics by passing a *Diplom*, *Magister* or master's examination at a university in Germany or an equivalent degree programme at a foreign university, achieving a final grade better than 2.5  
or
- 2) if pursuing a Dr. rer. nat., passed the first state examination for a teaching post at a 'Gymnasium' secondary school with a grade better than 2.5 and written the admission thesis in mathematics or computer science, whereby the admission thesis must have received the mark of *Gut* ('good') or *Sehr gut* ('very good').  
or
- 3) if pursuing a Dr. phil. nat., passed the first state examination for a teaching qualification at state schools with a grade better than 2.5 and written the admission thesis in the field of mathematics, computer science, didactics of mathematics or didactics of computer science, whereby the admission thesis must have received the mark of *Gut* ('good') or *Sehr gut* ('very good').

(2) The Board of Examiners for Doctoral Awards may waive the above-average grade requirement if the applicant's achievements in computer science or mathematics after graduation have been above the average and two faculty professors are in favour of accepting the applicant as a doctoral student.

## **§ 4 Form of the thesis**

<sup>1</sup>The thesis is usually in monographic, as yet unpublished form. <sup>2</sup>The Board of Examiners for Doctoral Awards may allow for the submission of a number of publication-ready articles or articles that have been peer-reviewed and published in relevant journals or conference proceedings or accepted for publication (publication-based doctoral thesis) that have an intimate connection with the topic, which must be presented in a supplementary summary; this collection of articles must represent a volume and standard of work equal to that of a monographic doctoral thesis. <sup>3</sup>The Board of Examiners for Doctoral Awards may allow texts that have been co-authored and clearly marked as such to be submitted, in so far as the

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doctoral student's own contribution has been presented, and this constitutes doctoral work equivalent to a doctoral thesis written under sole authorship. <sup>4</sup>Comments by the co-authors must be submitted.

### **§ 5 Additional requirements for the reviewers**

<sup>1</sup>The reviewers are appointed on the suggestion of the first supervisor. <sup>2</sup>At least one reviewer must not be a member of the University of Passau, have not written joint publications with the doctoral student and have not conducted joint publications or projects with the other reviewers and supervisors over the last five years.

### **§ 6 Viva voce examination (*Rigorosum*) at the Faculty of Computer Science and Mathematics**

(1) <sup>1</sup>The *Rigorosum* consists of a lecture on the subject of the thesis and an oral examination in computer science and/or mathematics and/or didactics of mathematics and/or didactics of computer science. <sup>2</sup>The lecture and the oral examination take about 45 minutes each. <sup>3</sup>Based on the topic of the thesis, the oral examination covers the content of the thesis, questions that are adjacent to the subject of specialisation, and also more distant areas of computer science and/or mathematics and/or didactics of computer science and/or didactics of mathematics, where the doctoral student should prove their ability to contextualise their own work, among other things, through the questions raised here. <sup>4</sup>Upon written application by the doctoral student and with the unanimous approval of the Board of Examiners for Doctoral Awards and the Doctoral Examining Committee, the viva voce will be held in English.

(2) <sup>1</sup>The chairperson of the Doctoral Examining Committee issues a written invitation to the members of the Faculty Council and all persons authorised to participate to attend the public lecture at least eight days before the date. <sup>2</sup>In the non-public oral examination, only persons authorised to participate may be present and may ask questions.

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## § 7 Grades and degree classifications

(1) <sup>1</sup>The following levels of degree classification are awarded:

- Summa cum laude      An excellent achievement that is far above the average and deserves special recognition.
- Magna cum laude      An above-average achievement that deserves special recognition.
- Cum laude              An above-average achievement.
- Rite                      An average achievement.
- Insufficenter          The work suffers from significant deficiencies and is, on the whole, unusable (a fail grade).

(2) Each reviewer evaluates the thesis and each examiner evaluates the oral examination individually with the following grades and degree classification:

Summa cum laude	1
Magna cum laude	2
Cum laude	3
Rite	4
Insufficenter	5

(3) The classification of the thesis, the oral examination and the doctorate as a whole result from the following grades:

Summa cum laude	1.0
Magna cum laude	up to 2.0
Cum laude	up to 3.0
Rite	up to 4.0
Insufficenter	4.0 and above

## § 8 Publication of the thesis

(1) <sup>1</sup>Duplication and publication of a thesis written as a monograph requires the prior written permission (*Druckerlaubnis*; permission to print) of the chairperson of the Board of Examiners for Doctoral Awards. <sup>2</sup>The permission to print is granted after successful completion of the doctoral procedure if the copy of the thesis to be reproduced or published for the delivery of the deposit copies meets the requirements for changes in the reviews. <sup>3</sup>The reviewers must obtain written confirmation of this from the chairperson of the Board of Examiners for Doctoral Awards. <sup>4</sup>A refusal of confirmation must be justified in writing. <sup>5</sup>For good cause, the chairperson of the Board of Examiners for Doctoral Awards, in agreement with the reviewers, may authorise a deviation of the printed version from the submitted text.

(2) <sup>1</sup>The doctoral candidate is obliged to make the thesis accessible to the academic public through copying and distribution. <sup>2</sup>For this purpose, a number of printed and bound deposit copies stipulated by the Board of Examiners for Doctoral Awards as well as an electronic version of the thesis, the file format and data medium of which is to be agreed with the

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University Library, must be delivered to the faculty free of charge. <sup>2</sup>The doctoral candidate grants the University the right to produce and disseminate additional copies of the thesis within the framework of the statutory tasks of the university libraries or to make them available in data networks. <sup>4</sup>The required copies must be identified as a thesis prepared at the respective faculty of the University of Passau; the Board of Examiners for Doctoral Awards can decide on detailed requirements for this. <sup>5</sup>The reviewers as well as the day of the viva voce examination should also be indicated. <sup>6</sup>The copies of the thesis which were available for the examination remain with the files of the faculty.

(3) <sup>1</sup>The doctoral student must deliver the required copies within a period to be determined by the Board of Examiners for Doctoral Awards after passing the oral examination. <sup>2</sup>If the doctoral student does not deliver the deposit copies on time, the chairperson of the Board of Examiners for Doctoral Awards will oblige the doctoral student in a written communication to deliver the deposit copies within a specified grace period. <sup>3</sup>The chairperson of the Board of Examiners for Doctoral Awards may extend the deadlines at the request of the candidate.

### **§ 9 Early use of the degree designation**

The early use of a degree designation according to § 14(2) sentence 2 of the general doctoral degree regulation (APromO) is excluded.

### **§ 10 Entry into force, termination and transitional provision**

(1) This doctoral degree regulation becomes effective on the day after its promulgation.

(2) At the same time, the doctoral degree regulation for the Faculty of Computer Science and Mathematics of the University of Passau of 10 February 2009 (vABIUP p. 1), as amended by the Amendment Ordinance of 16 May 2012 (vABIUP p. 71), ceases to be valid.

(3) By way of derogation from subsection 2, the doctoral degree regulation referenced there continues to apply to doctoral students who, at the time of entry into force of these statutes, had already been accepted as doctoral students.

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Issued as per the resolution of the Senate of the University of Passau of 11 July 2018 and as approved by the President of the University of Passau on 10 October 2018.

Reference number: IV/5.I-10.3450/2018.

Passau, 15 October 2018

UNIVERSITY OF PASSAU  
The President

Professor Carola Jungwirth

These by-laws were issued by the University on 15 October 2018 and announced on 15 October 2018 by posting on the noticeboards of the University.

The date of promulgation is 15 October 2018.