This is a translation of the regulatory text as promulgated by the Georg-August-Universität Göttingen in its Official Bulletin No. 10 on May 18, 2010

Only those regulations published by Georg-August-Universität Göttingen in its Official Bulletin are legally binding. Any claims to rights or titles resulting from the English translation of these regulations are expressly excluded.

Pursuant to a resolution taken by the Council of the Faculty of Mathematics and Computer Science on November 11, 2009 and in accordance with an opinion issued by the Senate on March 17, 2010, the Presidential Board of Georg-August-Universität Göttingen approved the Regulations governing the Doctoral Degree Programme in Computer Science at the Faculty of Mathematics and Computer Science on March 31, 2010 (Section 9 paragraph 3 sentence 1 of the Higher Education Act of Lower Saxony (NHG¹) as promulgated in the Official Bulletin on February 26, 2007 (Lower Saxony Law and Ordinance Gazette (Nds. GVBl²) page 69), last amended by Article 4 of the law of June 18, 2009 (Nds. GVBl. p. 280); Section 44 paragraph 1 sentence 2 NHG; Section 41 paragraph 2 sentence 2 NHG; Section 37 paragraph 1 sentence 3 number 5 b) NHG).

Regulations Governing the Doctoral Degree Programme in Computer Science at the Faculty of Mathematics and Computer Science
(English: PhD Programme in Computer Science, abbreviated PCS)

Regulation 1 Scope

(1) The Doctoral Degree Programme in Computer Science at the Faculty of Mathematics and Computer Science is governed by the provisions of the Doctoral Degree Regulations of the Faculties of Mathematics and Natural Sciences³ (hereinafter referred to as MNPromO) as promulgated in the Official Bulletin dated September 13, 2006 (Official Bulletin⁴ 17/2006 p. 1466), last amended following approval of the Presidential Board on March 21, 2007 (Official Bulletin 6/2007 p. 258) in the currently amended version: Any other provisions for completion of the Doctoral Degree Programme in Computer Science are governed by the Regulations of the

¹ Niedersächsisches Hochschulgesetz, NHG
² Niedersächsisches Gesetz- und Verordnungsblatt, Nds. GVBl
³ Promotionsordnung der mathematisch-naturwissenschaftlichen Fakultäten, MNPromO
⁴ Amtliche Mitteilung
Regulation 2 Purpose of the PhD Programme in Computer Science

The PCS’s objective is to apply binding standards to guarantee that the education to obtain a doctoral degree in basic computer science is kept at a high level.

Regulation 3 Requirements for Admission to the PCS

(1) In derogation from Section 3 paragraph 1 MNPromO, it is a requirement for admission to the PCS that candidates have completed an at least eight-semester degree programme with conferral of a consecutive Master’s degree programme comprising at least 240 ECTS credits [Anrechnungspunkte] or of an equivalent degree (diploma examination, Master’s examination [Magister] or state examination) earned in a degree programme completed at a German university or a university situated in one of the Bologna signatory states in the degree programme in computer science or in a closely related discipline (subject-related relevance [fachliche Einschlägigkeit]). The PCS management board [PCS-Vorstand] shall decide in consultation with the academic advisor [Betreuer] whether the candidate’s past academic achievements are subject-relevant; whereby proof of achievements in the following areas amounting to at least 120 ECTS credits must be furnished: practical computer science (in particular operating systems, distributed systems, software engineering, databases and information systems, telematics), theoretical computer science (in particular algorithmics, logic design, computational complexity, coding and cryptology, formal logic and semantics, computer algebra, artificial intelligence) as well as technical computer science (in particular knowledge of computer hardware).

(2) Moreover, candidates are subject to the prerequisite that one faculty member who is an authorised examiner shall furnish a statement advocating the applicant’s acceptance as a doctoral candidate.
Regulation 4 Credit prerequisites

As a prerequisite for admission to the doctoral examination, proof must be furnished that the candidate has successfully earned the required course-related credits (Section 6 paragraph 1 letter b MNPromO). The required course-related credits are set forth in Appendix 1.

Regulation 5 Doctoral Degree Certificate

The doctoral degree certificate will be issued in accordance with the templates 2a - 2f set forth in Appendix 2 of the Framework Doctoral Degree Regulations governing doctoral degrees at the PhD School of Mathematics and Natural Sciences at Georg-August-Universität Göttingen as promulgated in the Official Bulletin on October 18, 2005 (Official Bulletin 13/2005 p. 937), last amended pursuant to a regulation of the Presidential Board on May 20, 2009 (Official Bulletin 16/2009 p.1618).

Regulation 6 Effective Date

(1) These Regulations shall become effective on the day after their promulgation in the Official Bulletin of the Georg-August-Universität Göttingen.

(2) In derogation from paragraph 1, a doctoral candidate shall be exempt from the obligation to provide proof of course-related achievements stipulated under Regulation 4, provided that
   a) they were admitted to the PCS prior to the effective date of these regulations and enrolled in the doctoral programme without any interruptions and
   b) Their application for admission to the doctoral examination was received by the Dean’s Office of the Faculty of Mathematics and Computer Science prior to July 1, 2012.
Appendix 1

A. Credit prerequisites
The doctoral candidate must earn least 21 credits (abbreviated as “C”) which are subdivided into the following categories:

1. Research programme
   - The doctoral candidate must regularly participate in the advanced seminar or research seminar offered by the scientific group [Fachgruppe] (3 C for each lecture held by the candidate).
   - The doctoral candidate must participate in at least one subject-related conference by presenting a lecture or a poster (Each lecture and/or presentation counts as 3 C).

2. Degree programme (worth at least 3 C)
   - The doctoral candidate must successfully attend at least one advanced course pertaining to the specialist area of the dissertation (worth at least 3 C).

3. Key qualifications (worth at least 9 C; of which at least 4 C for participation in supervised teaching)
   - For example, participation in supervised teaching of courses within the Bachelor’s and Master’s Degree Programmes in Informatics in consultation with the academic advisor.
   - For example, participation in Summer Schools in consultation with the academic advisor.
   - For example, public speaking seminars or similar courses in consultation with the academic advisor

B. Recognition of credits earned at other universities
The degree programme allows doctoral candidates to petition the Dean’s Office to have credits recognised for certificates they earned in courses or seminars successfully completed at summer schools or within other intensive study programmes outside of Göttingen.

C. Exemption policy
If a doctoral candidate is not able to earn the credits required under A for reasons beyond their control, or the earning of these credits would constitute undue hardship, the candidate may petition the Council of the Faculty of Mathematics and Computer Science for exemption from these credit requirements when they apply for admission to the doctoral examination.