

**Subject-Specific Regulations for Bachelor's and Master's Degree Programmes
in Computer Science at Saarland University Supplementing the Joint
Examination Regulations for the Bachelor's and Master's Degree
Programmes of Faculty 6 (Natural Science and Technology Faculty I –
Mathematics and Computer Science)**

2 July 2015

Note: This translation is provided for information purposes only. In the event of any discrepancy between the translation and the original German version published in the Official Bulletin (*Dienstblatt der Hochschulen des Saarlandes*), the provisions of the latter shall take precedence.

Pursuant to Section 59 of the Saarland University Act of 23 June 2004 (Official Gazette of Saarland, p. 1782) as amended by the Act of 14 October 2014 (Official Gazette, p. 406) and pursuant to the Joint Examination Regulations for the Bachelor's and Master's Degree Programmes of Faculty 6 (Natural Science and Technology Faculty I – Mathematics and Computer Science) of 2 July 2015 (Official Bulletin No. 72, p. 616) and with the consent of the Saarland University Senate and the University Board, Faculty 6 (Natural Science and Technology Faculty I – Mathematics and Computer Science) at Saarland University hereby issues the following Subject-Specific Regulations Governing the Bachelor's and Master's Degree Programmes at the Department of Computer Science.

§ 27

Scope

(cf. Sec. 1 of the Joint Examination Regulations)

These subject-specific regulations apply to the Bachelor's and Master's degree programmes in computer science at Saarland University.

§ 28

Types of degree programmes

(cf. Sec. 3 of the Joint Examination Regulations)

The Bachelor's and Master's degree programmes in computer science are single-subject degree programmes within the meaning of the Framework Examination Regulations for Bachelor's and Master's Degree Programmes at Saarland University (BMPRO).

§ 29

Student workload

(cf. Sec. 4 of the Joint Examination Regulations)

Attendance may be compulsory for certain introductory seminars, seminars and practical assignments. Students will be notified of this by the course or module coordinator at the beginning of the course or module.

§ 30

Examiners; thesis examiners; supervisors, observers

(cf. Sec. 8 of the Joint Examination Regulations)

(1) The Examination Board shall appoint from the relevant department examiners, thesis examiners and/or thesis supervisors drawn from the groups in Section 8(1), items 1 to 7 of the Joint Examination Regulations for the Bachelor's and Master's Degree Programmes of the Faculty of Mathematics and Computer Science and, additionally, from

8 the group of mid-level academic staff with the right to supervise doctoral candidates.

(2) In addition to the examiners, thesis examiners and thesis supervisors specified in Section 8(2) of the Joint Examination Regulations, the Examination Board of the Department of Computer Science may in individual cases and with the consent of those members of professorial staff with responsibility for the relevant subject area also appoint heads of independent junior research groups, members of mid-level academic staff qualified to doctoral level and members of the associated on-campus or near-campus research institutes the German Research Centre for Artificial Intelligence (DFKI) and the Max Planck Institutes for Informatics and for Software Systems, as well as other qualified and experienced professionals working the relevant field.

§ 31

Admission to the Master's programme (cf. Sec. 12 of the Joint Examination Regulations)

(1) Students seeking admission to the Master's programme shall:

1. have a Bachelor's degree from a German university or an equivalent qualification from a foreign university in computer science, informatics or a related field
2. and shall demonstrate particular academic aptitude (see Section 69(5) of the Saarland University Act¹).

(2) The criteria used to assess particular academic aptitude are:

- a. Proof of advanced proficiency in English (typically level C1 of the Common European Framework)
- b. Sufficient merit in the applicant's previous academic track record and the appropriate curricular content of the Bachelor's degree. Applicants should demonstrate a level of knowledge and competence that corresponds to that acquired in the Bachelor's degree programme in computer science taught at Saarland University. Specifically, this requires applicants to show that they have the necessary level of expertise in the following areas:
 - I. Mathematics (discrete mathematics, real analysis and multivariable calculus, linear algebra, numerical methods, stochastics)
 - II. Theoretical informatics (formal methods, formal logic, computability, understanding of complexity – particularly the complexity classes P and NP)
 - III. Practical informatics (functional and object-oriented programming, data structures and algorithms, databases, software development methods, system architecture)
- c. evidence of particular interest in the subject by submission of a personal statement written by the applicant and two letters of recommendation written by referees who know the applicant academically.

The criteria listed above will be used to assess the aptitude of the applicant in terms of the academic profile and requirements of the Master's degree programme in computer science. The decision whether the programme admission requirements have been met shall be made by the Examination Board.

¹ Footnote to the English translation: See Section 77(6) of the Saarland Higher Education Institution Act (SHSG) of 30 November 2016.

§ 32

Procedural elements, presentation and layout of the thesis (cf. Sec. 23 of the Joint Examination Regulations)

A colloquium lasting 30 minutes shall be held in order to establish that the Bachelor's or Master's thesis is the candidate's own original work. The colloquium shall be held no later than six weeks after the candidate submits the printed version of his or her Bachelor's or Master's thesis. One of the colloquium examiners shall be the person who set the candidate's thesis topic.

§ 33

Successfully completing the Bachelor's or Master's programme and overall grade (cf. Sec. 24 of the Joint Examination Regulations)

The grade 'with distinction' shall be awarded in the Master's degree programme to candidates who attain a final overall grade of 1.1 or better, provided that all of the programme requirements have been met within the standard period of study.

§ 34

Degree qualification and documentation (cf. Sec. 25 of the Joint Examination Regulations)

In addition to the information presented in Section 25(1) of the Joint Examination Regulations for the Bachelor's and Master's Degree Programmes of the Faculty of Mathematics and Computer Science, the certificate may also list the areas of specialization studied, other student attainments and the results achieved.

§ 35

Commencement

These regulations shall come into force on the day after they are announced in the Official Bulletin of the Institutions of Higher Education in Saarland (*Dienstblatt der Hochschulen des Saarlandes*).

Saarbrücken, 30 September 2015

President of Saarland University
(Univ.-Prof. Dr. Volker Linneweber)