Study and Examination Regulations for the Bachelor's Programmes in the School of Technology and Computer Science (SPR BSc TI)

The University Board of Bern University of Applied Sciences,

pursuant to Article 33 Paragraph 1 Letter n of the Act of 19 June 2003 concerning Bern University of Applied Sciences (FaG)[1], Article 59 of the Ordinance of 16 November 2022 concerning Bern University of Applied Sciences (FaV)[2] and Art. 1, Paragraph 2 of the Framework Study Regulations (FSR) of Bern University of Applied Sciences dated 5 May 2021

rules:

1. Subject and scope

Art. 1   [1] These Study and Examination Regulations govern the study for the Bachelor of Science degree in the degree programmes of the School of Technology and Computer Science.

[2] They contain provisions substantiating the FSR.

[3] The powers of disposal under the FSR and these Regulations shall be exercised by the head of the degree programme, unless otherwise specified.

2. Structure of studies

Structure of programme
1. Module groups

Art. 2   [1] The degree programme is modular in structure and comprises 180 ECTS credits.

[2] All modules are assigned to thematic module groups in the curriculum.

[3] For each module group there is a minimum number of ECTS credits to be earned and a maximum number of ECTS credits that can be awarded.

2. Specialisations

Art. 3   In the case of specialisations, the required modules are shown in the curriculum of the relevant degree programme.

Standard duration of studies

Art. 4   [1] The standard duration of study is six semesters in the case of full-time programmes and eight or nine semesters in the case of part-time programmes, depending on the study programme.

[2] The maximum permitted duration of study is 12 semesters. It may be extended upon request for important reasons.

[3] Exceeding the maximum duration of studies without good cause leads to exclusion from the degree programme concerned.

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[1] BSG 435.411.
[2] BSG 436.811.

Acquirement of ECTS credits	**Art. 5** Modules totalling at least 12 ECTS credits must be taken in the first and second semesters, and at least one module in each of the subsequent semesters.
Languages of instruction	**Art. 6** [1] The courses are taught in German, French and English. [2] The curriculums regulate the languages of instruction for each degree programme; the module descriptions specify the languages of instruction for each module. [3] Language modules are taught in one of the languages of instruction or in the language to be learned.

3. Competency assessments

Forms	**Art. 7** [1] The forms that full or partial competency assessments can take are described in the FSR and in the module description. [2] Competency assessments take place either as part of the module or during examination weeks. As for partial competency assessments, they can take place as a combination of both. A module type suffix provides information on the combination permitted for each module: *a* Pa modules: Modules with the module type suffix Pa conclude with a competency assessment during the examination weeks. *b* Pb modules: Modules with the module type suffix Pb conclude with a partial competency assessment incorporated in the module and a partial competency assessment during the examination weeks. The partial competency assessment during the examination weeks is put towards the final module grade with a weighting of 50, 65 or 75 percent. *c* E-modules: Modules with the module type suffix E are completed with one competency assessment, or several partial competency assessments, as part of the module. [3] Oral examinations last for not more than 30 minutes; written examinations for not more than 45 minutes per ECTS credit awarded for the module, but no more than 180 minutes in total.
Repeating a module	**Art. 8** [1] Failed modules may be repeated once. [2] When a module is repeated, the original module grade is nullified and replaced in the transcript of records by the grade for the repeated module. This is the case even if the grade for the repeated module is worse than the original module grade. [3] When repeating a module, it must be taken the next time the module is offered. The head of teaching will decide on exceptions to this rule. [4] The module description valid at the time of the repeated module applies. [5] A module is repeated by taking the module again with all its competency assessments. The right to apply Paragraph 6 remains reserved. [6] If a competency assessment or partial competency assessment for a module is completed during the examination weeks (modules with module type suffix Pa or Pb), it is permissible to resit only this competency

assessment or partial competency assessment. When resitting the exam only, this must take place during the next examination weeks and counts as a repeat of the module. The application to resit an exam must be received on time. Partial competency assessments incorporated in a Pb module serve as the basis for calculating the module grade.

Passing grades for module groups

Art. 9 A module group is deemed passed if all compulsory modules of the module group have been taken and completed according to the curriculum, and the minimum number of ECTS credits required to pass the module group has been achieved.

4. Conclusion of studies

**Bachelor's thesis
1. General provisions**

Art. 10 [1] The degree programme concludes with a Bachelor's thesis.

[2] The thesis module consists of at least one written assignment and the presentation thereof.

2. Supervision

Art. 11 Students are supervised by a lecturer, a research assistant or a research associate throughout the writing of their thesis.

3. Presentation

Art. 12 [1] Students must achieve a pass grade for the written thesis before they are permitted to present it.

[2] Should there be any duty of confidentiality towards third parties, the thesis will not be presented in a public setting.

4. Grading

Art. 13 [1] For the grading of the thesis, the supervisor consults an expert. These experts are usually persons from outside and are confirmed by the head of teaching.

[2] The thesis is evaluated according to a given grading scale by the supervising lecturer and the expert.

[3] The thesis is considered to have been passed if the overall assessment according to the given grading scale is graded with at least a 4.

Degree diploma

Art. 14 The Bachelor's degree for the degree programme in question is awarded to students who have cumulatively:
a acquired at least 180 ECTS; as a rule, at least 60 of these ECTS credits must have been acquired through the corresponding degree programme provided by the School of Engineering and Computer Science,
b taken and completed all compulsory modules of the degree programme,
c passed all module groups of the degree programme.
d successfully completed the Bachelor's thesis.

Transcript of records and diploma supplement

Art. 15 [1] In addition to the bachelor's degree, students shall receive a transcript of records containing the following information:
a all completed modules and module groups,
b the ECTS credits allocated to the modules and the grades awarded,
c an overall grade (weighted average over the entire degree programme),

d the percentage distribution of pass grades awarded in the degree programme over the previous three years (grading table).

[2] In order to calculate the average overall grade for the diploma certificate, all the compulsory, elective and optional modules completed and the Bachelor's thesis are taken into account and weighted according to the ECTS credits allocated to the respective module. The average overall grade will be rounded to two decimal places.

[3] Students also receive a diploma supplement in their language of study as well as in English containing information on the completed degree programme.

5. Transitional and concluding provisions

Transitional provisions

Art. 16 Students who began their studies before the autumn semester 2023/2024 complete their studies in accordance with the Study and Examination Regulations of 17 July 2014 on the Acquisition of the Bachelor's Degree in Engineering and Computer Science (SPR BA TI). Exceptions apply to the publication of the results of the competency assessment and the application of the law. These are governed by Articles 18 and 31 FSR.

Repeal of regulations

Art. 17 The Study and Examination Regulations of 17 July 2014 on the Acquisition of the Bachelor's Degree in Engineering and Computer Science (SPR BA TI) are repealed.

Entry into force

Art. 18 These regulations shall enter into force on 1 August 2023.

Bern, May 2, 2023
Bern University of Applied Sciences

University Board

Bern, May 30, 2023
Approved by the Department of Education and Culture of the Canton of Bern

Markus Ruprecht, President

Christine Häsler, President of the Executive Council of Bern