

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Computer Science as a Bachelor's with 1 major with the degree "Bachelor of Science" (180 ECTS credits)

Responsible: Faculty of Mathematics and Computer Science

Responsible: Institute of Computer Science

Examination regulations version: 2019

Examination regulations version: 2019

Abbreviations used: Course types: $\mathbf{E} = \text{field trip}$, $\mathbf{K} = \text{colloquium}$, $\mathbf{O} = \text{conversatorium}$, $\mathbf{P} = \text{placement/lab course}$, $\mathbf{R} = \text{project}$, $\mathbf{S} = \text{seminar}$, $\mathbf{T} = \text{tutorial}$, $\mathbf{U} = \text{exercise}$, $\mathbf{V} = \mathbf{V} = \mathbf$

= lecture

Term: **SS** = summer semester. **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: (L)ASPO = general academic and examination regulations (for teaching-degree programmes), FSB = subject-specific provisions, SFB

= list of modules

Other: A = thesis, LV = course(s), PL = assessment(s), TN = participants, VL = prerequisite(s)

Conventions for the

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cre-

modules in this SFB: ditable for bonus.

Information on Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the meassessment procedures: thod of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the

customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all

individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

ASP02015

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

26-Jul-2018 (2018-55)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

| Abbreviation | Module title | | | | | | | | | | |
|--------------|----------------------------|---------|------------------|---|-----------------------|----------------------|--------------|--|--|--|--|
| | ECTS | | Duration | (in semesters) | Method of grading | | Module level | | | | |
| | Courses | | To be spe | be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y | | | | | | | |
| | Method of as | ssessme | ent | | | | | | | | |
| | Only after su completion o | | l if applica | fapplicable | | | | | | | |
| | Other prereq | uisites | if applica | if applicable | | | | | | | |
| | Participants on of places | | cati- if applica | if applicable | | | | | | | |
| | Additional information | | on if applica | if applicable | | | | | | | |
| | Referred to in | n LPO I | if applica | ble (examination re | gulations for teachin | g-degree programmes) | | | | | |

| Compulsory Course | es (125 E | CTS cre | dits) | | | | | | | | | | |
|-------------------|--|--------------------|------------|------------------------------------|---|-------------------|-----------------|-------------|---------------|--|--|--|--|
| Computer Science | Computer Science (85 ECTS credits) 10-I-GdP-172-m01 Fundamentals of Programming | | | | | | | | | | | | |
| 10-l-GdP-172-m01 | Fundan | nentals | of Progra | mming | g | | | | | | | | |
| | ECTS | 5 | Duratio | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | | | | | / (2) + Ü (2) | | | | | | | | |
| | Method | If an of or date | | If ann of one date). | written examination (approx. 60 to 120 minutes). f announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus | | | | | | | | |
| | Referre | d to in I | PO I | | Nr. 1 b) Nr. 1 b) | | | | | | | | |
| 10-I-ADS-152-m01 | Algorit | hms an | d data str | ucture | S | | | | | | | | |
| | ECTS | 10 | Duratio | , | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Courses | | | | + Ü (2) | | | | | | | | |
| | Method | | | | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus | | | | | | | | |
| | Referre | d to in I | -PO I | | Nr. 1 a) Nr. 1 a) | | | | | | | | |
| 10-I-ST-152-m01 | Softwa | re Tech | nology | | | | | | | | | | |
| | ECTS | 10 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Course | | | | + Ü (2) | | | | | | | | |
| | Method | If and of or date. | | If ann of one date). | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). date). creditable for bonus | | | | | | | | |
| | Referred to in LPO I | | | § 49 Nr. 1 b) § 69 Nr. 1 b) | | | | | | | | | |

| 10-I-PP-191-m01 | Practic | al Cour | se in Prog | rammi | ng | | | | Practical Course in Programming | | | | | | | | | | | | |
|------------------|--------------------------------|--|-------------|---------------------------------------|---|-----------------------|---------------------------|---|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|
| | ECTS | 10 | Duratio | 1 | | Method of grading | (not) successfully com | npleted | Modul level | undergraduate | | | | | | | | | | | |
| | Course | S | | P (6) | | ` | | | ` | | | | | | | | | | | | |
| | Method | d of ass | essment | if ann | ounced by the lecti | irer at the beginning | of the course, the writte | en exami | nation may be | (approx. 60 to 120 minutes) replaced by an oral examination | | | | | | | | | | | |
| | | | | date). | | | | | | | | | | | | | | | | | |
| | other prerequisites | | | this b | ntended learning outcomes of the following module are required: 10-l-GdP. It is therefore strongly recommended to complete his before. | | | | | | | | | | | | | | | | |
| | Referre | d to in I | LPO I | | Nr. 1 c) Nr. 1 d) | | | | | | | | | | | | | | | | |
| 10-I-SWP-152-m01 | Practic | al cours | se in softv | vare | | | | | | | | | | | | | | | | | |
| | ECTS | 10 | Duration | 1 | 1 semester | Method of grading | (not) successfully com | npleted | Modul level | undergraduate | | | | | | | | | | | |
| | Course | S | | P (6) | | ` | | | , | | | | | | | | | | | | |
| | Method | d of ass | essment | | ctical project (Completion of a larger software project in groups (approx. 300 hours per person) and final presentation (ap- | | | | | | | | | | | | | | | | |
| | Modules successfully completed | | | 10-I-P | o-l-PP, 10-l-ST | | | | | | | | | | | | | | | | |
| | other prerequisites | | | | n addition, the knowledge and skills acquired in module 10-I-ADS are required. Prior attendance of this module is therefore ighly recommended. | | | | | | | | | | | | | | | | |
| | Referre | d to in I | LPO I | § 69 Nr. 1 d) | | | | | | | | | | | | | | | | | |
| 10-l-RAL-152-m01 | Digital | compu | ter systen | IS S | | | | | | | | | | | | | | | | | |
| | ECTS | 10 | Duratio | 1 | 1 semester | Method of grading | numerical grade | | Modul level | undergraduate | | | | | | | | | | | |
| | Course | S | | V (4) + | - Ü (2) | | | | | | | | | | | | | | | | |
| | | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minuted date). creditable for bonus | | | | | | replaced by an oral examination s (approx. 15 minutes per candi- | | | | | | | | | | | | | |
| 10-I-RIÜ-191-m01 | Compu | ter Net | works and | Inforn | nation Transmissio | n | | | | | | | | | | | | | | | |
| | ECTS | 10 | Duratio | | 1 semester | Method of grading | numerical grade | | Modul level | undergraduate | | | | | | | | | | | |
| | Course | | | V (4) + Ü (2) | | | | | | | | | | | | | | | | | |
| | Method of assessment | | | If anno of one date). credit | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). creditable for bonus | | | | | | | | | | | | | | | | |
| | Referre | Referred to in LPO I | | | § 22 Nr. 3 b), § 69 Nr. 1 c) | | | | | | | | | | | | | | | | |

| 10-I-DB-152-m01 | Databa | Databases | | | | | | | | | | | | |
|---------------------|----------------------|----------------------|------------|---|--|------------------------|-------------------------------|--------------------|---|--|--|--|--|--|
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | S | | V (2) · | + Ü (2) | | | • | | | | | | |
| | Method of assessment | | | If ann | ritten examination (approx. 60 to 120 minutes). announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination f one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- | | | | | | | | | |
| | | | | Langu | lage of assessment able for bonus | | | | | | | | | |
| | | Referred to in LPO I | | | 49 Nr. 1 b) 69 Nr. 1 b) | | | | | | | | | |
| 10-I-MCS-191-m01 | | ction ir | | | outer Interaction | | | | | | | | | |
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | S | | V (3) · | + Ü (1) | | | | | | | | | |
| | | | | If ann of one date). Langu credit | e candidate each (a | urer at the beginning | r an oral examination in grou | | replaced by an oral examination s (approx. 15 minutes per candi- | | | | | |
| 10-I-HWP-152-m01 | Practic | al cours | se in hard | dware | | | | | | | | | | |
| | ECTS | 10 | Duration | | 1 semester | Method of grading | (not) successfully complete | ed Modul level | undergraduate | | | | | |
| | Course | | | P (6) | | | | | | | | | | |
| | Method | d of ass | essment | | olio: completion of a es per project) | approx. 3 to 10 projec | ct assignments (approx. 250 | hours total) and p | resentation of results (approx. 10 | | | | | |
| | Referre | d to in I | LPO I | § 22 l | l Nr. 3 b) | | | | | | | | | |
| Theoretical Informa | atics (10 | ECTS c | redits) | | | | | | | | | | | |
| 10-I-TIV-152-m01 | Theore | tical Inf | formatics | | | | | | | | | | | |
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | S | <u>.</u> | V (4) | | ' | | ' | | | | | | |
| | Method of assessment | | | If ann of one date). | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). | | | | | | | | | |
| | Referre | d to in I | LPO I | | Nr. 1 a) Nr. 1 a) | | | | | | | | | |

| 10-I-TIT-191-m01 | Tutoria | l Theore | etical Info | rmatic | :S | | | | - | | | | |
|-------------------|----------------------|-----------|-------------|--|---|----------------------|----------------------------------|-------------|------------------------------------|--|--|--|--|
| | ECTS | 5 | Duratio | n | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate | | | | |
| | Course | S | | Ü (2) | | | | | | | | | |
| | Method | d of ass | essment | | | | | | n of own solutions in the exercise | | | | |
| | | | | | | | s written in the exercise group) | or | | | | | |
| | | | | | o) written examination (approx. 180 to 240 minutes) Die Prüfungsart ist vom Prüfling festzulegen | | | | | | | | |
| Mathematics (30 E | CTS cred | lits) | | | | | | | | | | | |
| 10-l-LOG-152-m01 | Logic fo | or infor | matics | | | | | | | | | | |
| | ECTS | 5 | Duratio | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Course | S | | V (2) - | + Ü (2) | | | | | | | | |
| | Method | d of ass | essment | If ann of one date). Langu | rritten examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per carate). If anguage of assessment: German and/or English reditable for bonus | | | | | | | | |
| | Referre | d to in l | LPO I | § 22 l | l Nr. 3 b) | | | | | | | | |
| 10-M-INF1-152-m01 | Mather | natics 1 | for stude | ents in | nts in Computer Science | | | | | | | | |
| | ECTS | 10 | Duratio | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Course | S | | V (4) - Modu | + Ü (2) le taught in: Ü: Gerr | nan or English | | | | | | | |
| | Method | d of ass | essment | b) ora c) ora Langu | l examination of on l examination in gro | e candidate each (15 | to 15 minutes per candidate) | | | | | | |
| 10-M-INF2-152- | Mather | natics 2 | for stud | ents in | Computer Science | | | | | | | | |
| mo1 | ECTS | 10 | Duratio | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Course | S | | V (4) + Ü (2) Module taught in: Ü: German or English | | | | | | | | | |
| | Method of assessment | | | a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus | | | | | | | | | |

| 10-I-AGT-152-m01 | Algorit | hmic G | raph Theo | ry | - | | | | | | | |
|----------------------------|------------------------|----------------------|-----------|---|--|--|---------|-------------|---------------|--|--|--|
| | | 5 | Duratio | | 1 semester | Method of grading numerica | l grade | Modul level | undergraduate | | | |
| | Course | S | | V (2) · | + Ü (2) | | | • | • | | | |
| | Method | d of ass | essment | If ann of one date). Langu | ounced by the lede e candidate each | oprox. 60 to 120 minutes). Eturer at the beginning of the cour (approx. 20 minutes) or an oral ex nt: German and/or English | | | | | | |
| | Referre | d to in | LPO I | § 22 l | 22 II Nr. 3 b) | | | | | | | |
| Compulsory Elective | /es (25 E | CTS cre | edits) | | | | | | | | | |
| Computer Science | (15 ECTS | credits | s) | | | | | | | | | |
| 10-I-SEC-191-m01 | IT Secu | ırity | | | | | | | | | | |
| | ECTS | 5 | Duratio | n | 1 semester | Method of grading numerica | l grade | Modul level | undergraduate | | | |
| | Course | S | - | | + Ü (2) ıle taught in: Gern | nan and/or English | | | | | | |
| | Method | Method of assessment | | | ounced by the lede e candidate each | oprox. 60 to 120 minutes). Eturer at the beginning of the cour (approx. 20 minutes) or an oral ex nt: German and/or English | | | | | | |
| 10-l=lCG-152-m01 | Interac | tive Co | mputer Gi | aphics | 5 | | | , | | | | |
| | ECTS | 5 | Duratio | n | 1 semester | Method of grading numerica | l grade | Modul level | graduate | | | |
| | Course | S | | V (2) · | V (2) + Ü (2) | | | | | | | |
| | Method | d of ass | essment | If ann of one date). Langu | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus | | | | | | | |
| | Additional Information | | | Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): HCI | | | | | | | | |

| 10-I-WBS-152-m01 | Knowledge-based Systems | | | | | | | | | | | | |
|------------------|-------------------------|-----------|----------|------------------------------------|---|------------------------------------|-------|-------------|---------------|--|--|--|--|
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading numerical grad | ide N | Nodul level | undergraduate | | | | |
| | Courses | 5 | • | V (2) | + Ü (2) | | · | | • | | | | |
| | Method | of asse | essment | If ann of one date) Langu | nguage of assessment: German and/or English editable for bonus | | | | | | | | |
| | Referre | d to in L | PO I | § 22 l | l Nr. 3 b) | | | | | | | | |
| 10-l-DM-152-m01 | Data M | ining | | | | | | | | | | | |
| | ECTS | 5 | Duration | | 1 semester | undergraduate | | | | | | | |
| | Courses | | | | (2) + Ü (2) | | | | | | | | |
| | Method | OI asse | essment | If ann of one date) Langu | written examination (approx. 60 to 120 minutes). f announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examof one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes pedate). Language of assessment: German and/or English creditable for bonus | | | | | | | | |
| | Referre | | | _ | § 22 Nr. 3 b) | | | | | | | | |
| 10-I-APR-172-m01 | | ed Prog | ramming | | | | | | | | | | |
| | ECTS Courses | 5 | Duration | | 1 semester + Ü (2) | Method of grading numerical grad | ide N | Modul level | undergraduate | | | | |
| | Method | of asse | essment | If ann of one date) Langu | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus | | | | | | | | |
| | Referre | d to in L | PO I | § 22 l | l Nr. 3 b) | | | | | | | | |

| 10-l-KT-191-m01 | Compu | tationa | l Complex | rity | | | | | | | | |
|-----------------|---------|-----------------------------|------------|---|---|-------------------------------------|-------------|---------------|--|--|--|--|
| | ECTS | 5 | Duratio | n | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Course | S | | V (2) · | + Ü (2) | | | | | | | |
| | Method | d of ass | essment | If ann of one date). Langu Asses | anguage of assessment: German and/or English ssessment offered: In the semester in which the course is offered and in the subsequent semester reditable for bonus | | | | | | | |
| | Referre | d to in I | LPO I | § 22 l | l Nr. 3 b) | | | | | | | |
| 10-I-KD-191-m01 | | ptography and Data Security | | | | | | | | | | |
| | ECTS | 5 | Duratio | | | | | | | | | |
| | Course | | _ | | (2) + Ü (2) | | | | | | | |
| | | | | If ann of one date). Langu Asses | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered and in the subsequent semester creditable for bonus | | | | | | | |
| | Referre | d to in I | LPO I | § 22 II Nr. 3 b) | | | | | | | | |
| 10-l-3D-152-m01 | _ | | l Processi | | | | | | | | | |
| | ECTS | 5 | Duration | | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| ļ | Course | | | | + Ü (2) | | | | | | | |
| | Method | d of ass | essment | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus | | | | | | | | |
| | Referre | d to in I | LPO I | § 22 II Nr. 3 b) | | | | | | | | |

| 10-I-BS-191-m01 | Operating | g Systems | , | | | | | | | | | | |
|------------------|-----------|--|--------------------|--|-------------------|-----------------|-------------|---------------|--|--|--|--|--|
| | ECTS 5 | Durat | on | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Courses | | | + Ü (2) ule taught in: English | 1 | | · | | | | | | |
| | Method o | of assessmer | If and of or date. | rritten examination (approx. 60 to 120 minutes). I announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candiate). I anguage of assessment: German and/or English reditable for bonus | | | | | | | | | |
| 10-I-RAK-152-m01 | Compute | r Architectui | e | | | | | | | | | | |
| | ECTS 5 | Durat | on | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Courses | | V (2) |) + Ü (2) | | | | | | | | | |
| | Method o | of assessmer | If and of or date. | itten examination (approx. 60 to 120 minutes). Announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examinatior one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- te). nguage of assessment: German and/or English editable for bonus | | | | | | | | | |
| | Referred | to in LPO I | | § 22 II Nr. 3 b) § 69 I Nr. 1 c): Rechnerarchitektur | | | | | | | | | |
| 10-I-SKS-191-m01 | | Control Principles of Modern Communication Systems | | | | | | | | | | | |
| | ECTS 8 | B Durat | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Courses | | | + Ü (2) | | | | | | | | | |
| | Method o | of assessmer | If and of or date. | written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minuted date). Language of assessment: German and/or English creditable for bonus | | | | | | | | | |
| 10-l-Gl-152-m01 | Selected | Basics of Co | mputer | Science | | | | | | | | | |
| | ECTS 5 | Durat | on | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Courses | | V (4) | + Ü (2) | | | | | | | | | |
| | Method o | of assessmer | If and of or date. | ritten examination (approx. 60 to 120 minutes). announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- ate). anguage of assessment: German and/or English editable for bonus | | | | | | | | | |

| subsidiary subject | | | | | | | | | | | | |
|--------------------|--|----------------------|-----------|--|--|---------------------|----------------------------|-------------|---------------|--|--|--|
| | ct one of | f the mi | nors offe | red and | d must achieve the r | equired number of E | CTS credits in this minor. | | | | | |
| Mathematics | | | | | | | | | | | | |
| 10-M-DI- | Introdu | ction to | Discrete | Mathe | ematics for students | of other subjects | | | | | | |
| Maf-152-m01 | ECTS | 10 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Courses | 5 | | V (4) + Ü (2) | | | | | | | | |
| | Method | of asse | essment | b) ora c) ora Langu | vritten examination (approx. 90 to 180 minutes, usually chosen) or | | | | | | | |
| 10-M-NUM1af-152- | Numeri | cal Mat | hematics | 1 for s | tudents of other sul | bjects | | | | | | |
| mo1 | ECTS | 10 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Courses | 5 | | V (4) · |) + Ü (2) | | | | | | | |
| | Method of assessment | | | b) ora c) ora Langu | a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus | | | | | | | |
| 10-M-STO-1af-152- | Stochastics 1 for students of other subjects | | | | | | | | | | | |
| mo1 | ECTS | 10 | Duratio | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Courses | | | ` '' | + Ü (2) | | | | | | | |
| | Method | Method of assessment | | | a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus | | | | | | | |
| 10-M-ZT- | Introdu | ction In | to Numb | er Theo | ory for students of o | ther subjects | | | | | | |
| Haf-152-mo1 | ECTS | 10 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Courses | | | V (4) · | + Ü (2) | | | | | | | |
| | Method of assessment | | | a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English creditable for bonus | | | | | | | | |

| 10-M-DGLaf-152- | Ordina | ry Diffe | rential Eq | uation | s for students of o | ther subjects | | | | | | |
|-----------------|---|----------|------------|--|---|---|------------------------------|-------------------|-----------------------------------|--|--|--|
| mo1 | ECTS | 10 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Course | S | | V (4) | + Ü (2) | • | | * | | | | |
| | Method | d of ass | essment | b) ora c) ora Langi | al examination of o al examination in gr | ne candidate each (15 | to 15 minutes per candidate) | | | | | |
| 10-M-OR- | Operat | ions Re | search fo | r stude | ents of other subje | cts | | | | | | |
| Saf-152-m01 | ECTS | 10 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Course | S | | V (4) | + Ü (2) | | | | | | | |
| | Method | d of ass | essment | b) ora c) ora Langu Asses | a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered and in the subsequent semester creditable for bonus | | | | | | | |
| Physics | | | | | | | | | | | | |
| 11-EFNF-152-m01 | Introduction to Physics for Students of other Disciplines | | | | | | | | | | | |
| | ECTS 7 Duratio | | | | 2 semester | Method of grading | numerical grade | Modul level | undergraduate | | | |
| | Course | S | | V (4) | V (4) + V (3) | | | | | | | |
| | Method | d of ass | | | written examination (60 to 120 minutes) | | | | | | | |
| | Additio | nal Info | ormation | | | sentence 2 APOLmCh Innex 2 to the APOLm(| | letter d) and No. | I 1st letter d) of annex 1 to the | | | |
| 11-PFNF-152-m01 | Labora | tory Co | urse Phys | ics for | Students of other | Disciplines | | | | | | |
| | ECTS | 3 | Duratio | n | 1 semester | Method of grading | (not) successfully completed | d Modul level | undergraduate | | | |
| | Course | S | | P (4) | | | | | | | | |
| | Method of assessment | | | a) practical assignment with oral test (approx. 15 minutes, during experiments) and b) written examination (approx. 90 minutes). Each experiment comprises preparation, performance and evaluation. Test as well as performance of experiments can each be repeated once. | | | | | | | | |
| | Participants and allo- cation of places | | | Only as part of pool of general transferable skills (ASQ): 10 places (lottery) | | | | | | | | |
| | Additional Information | | | | | sentence 2 APOLmCh innex 2 to the APOLm(| | letter d) and No. | I 1st letter d) of annex 1 to the | | | |

| Economics | | | | | | | | | | | | |
|-----------------|--------------------------------|------------|---|--|---|--|---|---|--|--|--|--|
| 12-NW-EBWL-152- | Introduction | to Busines | s Admi | nistration - Minor | | | | | | | | |
| mo1 | ECTS 5 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Courses | , | V (2) - | + Ü (2) | | | | | | | | |
| | Method of as | sessment | writte | written examination (approx. 60 minutes) | | | | | | | | |
| | Participants a cation of place | | 200 p | 200 places (lottery) | | | | | | | | |
| 12-NW-EV- | Introduction | to Econom | ics - Mi | inor | | | | | | | | |
| WL-152-m01 | ECTS 5 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Courses | | V (2) + | + Ü (2) | | | | | | | | |
| | Method of as | sessment | writte | n examination (appr | ox. 60 minutes) | | | | | | | |
| | Participants a cation of place | ces | max. 200 places. Modules 12-NW-EBWL and 12-NW-EVWL are not open for students of the following subjects: Wirtschaftswissenschaft (Business Management and Economics) Bachelor's (BSc with 180 ECTS credits), Wirtschaftsinformatik (Business Information Systems) Bachelor's (BSc with 180 ECTS credits) and Wirtschaftsmathematik (Mathematics for Economics) Bachelor's (BSc with 180 ECTS credits). | | | | | | | | | |
| 12-ExtUR-G-152- | Financial Acc | ounting | 5 | | | | | | | | | |
| mo1 | ECTS 5 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Courses | | V (2) + | + T (2) | | | | | | | | |
| | Method of as | sessment | writte | n examination (appr | ox. 60 minutes) | | | | | | | |
| | Participants a | | and Edits), the malloca excee ces): to fect spection | restrictions with reg conomics) (BSc with Wirtschaftsinformati inor Wirtschaftswiss ited to students of or ds the number of av total number of ECTS S credits achieved, | 180 ECTS credits), V k (Business Informa enschaft (Business I ther subjects. (3) Wh ailable places, place credits already ach places will be alloca | Virtschaftsmathematik (Mathe tion Systems) (BSc with 180 E Management and Economics) en places are allocated in acces will be allocated according the teyed in the respective degree ted by lot. b) Quota 2 (25 % of | matics for Econo CTS credits) as w (60 ECTS credits) ordance with (2) o the following of subject; among places): number | nschaft (Business Management mics) (BSc with 180 ECTS creell as Bachelor's students with (2) The remaining places will be and the number of applications uotas: a) Quota 1 (50 % of plaapplicants with the same number of subject semesters of the rell be allocated by lot. c) Quota 3 | | | | |

| 12-IntUR-G-152- | Managerial Accounting | | | | | | | | | | | | |
|------------------|---|----------------------|----------|--|--|--|---|--|---|--|--|--|--|
| mo1 | ECTS | 5 | Duratio | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Course | S | | V (2) · | + T (2) | | | | | | | | |
| | Method | d of ass | essment | writte | n examination (ap | prox. 60 minutes) | | | | | | | |
| | | oants ar of place | | 840 places. (1) No restrictions with regard to available places for Bachelor's students of Wirtschaftswissenschaft (Business Management and Economics) (BSc with 180 ECTS credits), Wirtschaftsmathematik (Mathematics for Economics) (BSc with 180 ECTS credits), Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) as well as Bachelor's students with the minor Wirtschaftswissenschaft (Business Management and Economics) (60 ECTS credits). (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (2) and the number of applications exceeds the number of available places, places will be allocated according to the following quotas: a) Quota 1 (50 % of places): total number of ECTS credits already achieved in the respective degree subject; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. b) Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. c) Quota 3 (25 % of places): lottery. (4) A waiting list will be maintained and places re-allocated by lot as they become available. | | | | | | | | | |
| 12-BPL-G-152-m01 | Supply, Production and Operations Management. An Introduction | | | | | | | | | | | | |
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | |
| | Course | S | | V (2) · | + T (2) | | | | | | | | |
| | Method of assessment | | | written examination (approx. 60 minutes) | | | | | | | | | |
| | | oants ar of place | | (1) No and E dits), the mallocatexcee ces): | conomics) (BSc w Wirtschaftsinform inor Wirtschaftsw ated to students o eds the number of total number of EG TS credits achieve ive applicant; am | ith 180 ECTS credits), Natik (Business Informalissenschaft (Business fother subjects. (3) Whavailable places, placeTS credits already ached, places will be allocating applicants with the | Wirtschaftsmathematik (Mathe ation Systems) (BSc with 180 Ed Management and Economics) nen places are allocated in acces will be allocated according the tieved in the respective degree ated by lot. b) Quota 2 (25 % of | matics for Econo CTS credits) as w (60 ECTS credits) ordance with (2) to the following c subject; among places): number esters, places wi | rell as Bachelor's students with (2). (2) The remaining places will be and the number of applications (100 % of plaapplicants with the same number of subject semesters of the rell be allocated by lot. c) Quota 3 | | | | |

| 12-I&F-G-152-m01 | Investment and Finance. An Introduction | | | | | | | | | | | |
|------------------|---|---------|----------|--|------------------|-----------------------------------|-------------|---------------|--|--|--|--|
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | 5 | | V (2) + | + T (2) | | | | | | | |
| | Method | of asse | ssment | writte | n examination (a | pprox. 60 minutes) | | | | | | |
| | Particip cation o | | | (1) No restrictions with regard to available places for Bachelor's students of Wirtschaftswissenschaft (Business Management and Economics) (BSc with 180 ECTS credits), Wirtschaftsmathematik (Mathematics for Economics) (BSc with 180 ECTS credits), Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) as well as Bachelor's students with the minor Wirtschaftswissenschaft (Business Management and Economics) (60 ECTS credits). (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (2) and the number of applications exceeds the number of available places, places will be allocated according to the following quotas: a) Quota 1 (50 % of places): total number of ECTS credits already achieved in the respective degree subject; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. b) Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. c) Quota 3 (25 % of places): lottery. (4) A waiting list will be maintained and places re-allocated by lot as they become available. | | | | | | | | |
| 12-Ewiinf-G-152- | Introduction to Business Informatics | | | | | | | | | | | |
| mo1 | ECTS | 5 | Duration |) | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | 5 | | V (2) + | + T (2) | | | | | | | |
| | Method of assessment | | | a) written examination (approx. 60 minutes) or b) written examination consisting entirely or partly of multiple choice questions (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus | | | | | | | | |
| | Particip cation c | | ; | 840 places. (1) No restrictions with regard to available places for Bachelor's students of Wirtschaftswissenschaft (Business Management and Economics) (BSc with 180 ECTS credits), Wirtschaftsmathematik (Mathematics for Economics) (BSc with 180 ECTS credits), Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) as well as Bachelor's students with the minor Wirtschaftswissenschaft (Business Management and Economics) (60 ECTS credits). (2) Additional places will be allocated to students of other subjects. (3) When places are allocated in accordance with (2) and the number of applications exceeds the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (4) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (5) A waiting list will be maintained and places re-allocated by lot as they become available. | | | | | | | | |

| 12-GP-G-152-m01 | Integrated Business Processes | | | | | | | | | | | | | |
|-------------------|---------------------------------------|---------------------------------------|------------------------------------|---|---|------------------------|-----------------|-------------|---------------|--|--|--|--|--|
| | ECTS | 5 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | !S | | V (2) - | V (2) + Ü (2) | | | | | | | | | |
| | Metho | d of ass | essment | | | (approx. 60 minutes) o | or | | | | | | | |
| | | | | c) terr | o) term paper (approx. 15 pages) or c) term paper (approx. 10 to 15 pages) and presentation (approx. 10 minutes); (weighted 2:1) creditable for bonus | | | | | | | | | |
| | | pants ar of place | | 15 places. (1) The number of places is not restricted for students of the Bachelor's degree subject Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits). (2) Additional places will be allocated to students of other subjects provided there is enough capacity. These additional places will be allocated by lot among all applicants irrespective of their subjects. (3) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (4) A waiting list will be maintained and places re-allocated by lot as they become available. | | | | | | | | | | |
| 12-FRBE-F-152-m01 | Forwar | ward and Reverse Business Engineering | | | | | | | | | | | | |
| | ECTS | 5 | Duration | า | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | 25 | | V (2) - | + Ü (2) | | | Y | | | | | | |
| | Metho | d of ass | essment | a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) term paper (approx. 10 to 15 pages) and presentation (approx. 10 minutes); (weighted 2:1) creditable for bonus | | | | | | | | | | |
| | Participants and allocation of places | | | | 50 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Bachelor's students of Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group. (4) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (5) A waiting list will be maintained and places re-allocated by lot as they become available. | | | | | | | | | |
| Linguistics | | | | | | | | | | | | | | |
| o4-DtLABA-BM- | Level C | Level One Module German Linguistics | | | | | | | | | | | | |
| SW-152-m01 | ECTS | 5 | Duration | 1 | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | 25 | | V (2) + S (2) + T (1) | | | | | | | | | | |
| | Method of assessment | | | written examination (approx. 75 minutes) | | | | | | | | | | |
| | Referred to in LPO I | | | § 43 Nr. 2 b) § 63 Nr. 2 b) | | | | | | | | | | |
| o4-DtLABA-AM- | Level T | wo Mod | lule Gram | matical Structures of German | | | | | | | | | | |
| SW1-152-m01 | ECTS | 5 | Duration | 1 | | Method of grading | numerical grade | Modul level | undergraduate | | | | | |
| | Course | es | | V (1) + | · S (2) + T (1) | | | | | | | | | |
| | Metho | d of ass | essment | writte | n examination (ap | prox. 75 minutes) | | | | | | | | |
| | Referred to in LPO I | | § 43 Nr. 2 b) § 63 Nr. 2 b) | | | | | | | | | | | |

| Biology | | | | | | | | | | | | |
|------------------|----------------------------------|--|-----------|--|--|-------------------------------------|-------------|---------------|--|--|--|--|
| 07-1A1TI-152-m01 | Evolution and the Animal Kingdom | | | | | | | | | | | |
| | ECTS | 5 | Duration | ı | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | | | V (2) | + Ü (3) | · | • | • | | | | |
| | Method | of asse | essment | written examination (approx. 60 minutes) creditable for bonus | | | | | | | | |
| | other pro | erequis | sites | ses (a | Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment. | | | | | | | |
| | Referred | to in L | PO I | § 41 § 61 | § 41 Nr. 1 (4 ECTS credits) and § 41 Nr. 4 (1 ECTS credits) § 61 Nr. 1 (4 ECTS credits) and § 61 Nr. 4 (1 ECTS credits) | | | | | | | |
| 07-2A2GEN- | Genetics | s, Neur | obiology, | Beha | viour | | , | | | | | |
| V-152-m01 | ECTS | 5 | Duration | ı | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | | | V (3) | | | <u>`</u> | | | | | |
| | Method | of asse | essment | written examination (approx. 60 to 90 minutes) creditable for bonus | | | | | | | | |
| | other pro | erequis | sites | Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment. | | | | | | | | |
| | Referred | to in L | | § 61 Nr. 2 (2 ECTS credits) § 61 Nr. 3 (1 ECTS credits) § 61 Nr. 4 (1 ECTS credits) | | | | | | | | |
| 07-M-BST-152-m01 | Mathem | Mathematical Biology and Biostatistics | | | | | | | | | | |
| | ECTS | 4 | Duration | ı | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | | - | V (2) | + Ü (2) | • | | | | | | |
| | Method | of asse | essment | written examination (approx. 60 minutes) creditable for bonus | | | | | | | | |
| 07-3A3OE- | Plant an | d Anim | al Ecolog | sy | | | , | | | | | |
| KO-152-mo1 | ECTS | 6 | Duration | 1 | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | | , | V (2) + Ü (2) | | | | | | | | |
| | Method | of asse | essment | written examination (approx. 90 minutes) creditable for bonus | | | | | | | | |
| | Referred to in LPO I | | | § 61 Nr. 4 | | | | | | | | |
| 07-3A3GEM- | Genes, I | Molecu | les, Tech | | | | | | | | | |
| T-152-m01 | ECTS | 6 | Duration | 1 | 1 semester | Method of grading numerical grade | Modul level | undergraduate | | | | |
| | Courses | | | V (4) | | | | | | | | |
| | Method | of asse | essment | | en examination (applate) | orox. 90 minutes) | | | | | | |

| Law | | | | | | | | | | | |
|-----------------|---|-----------|--|--|--|--|-----------------|-------------|---------------|--|--|
| 02-J1-171-m01 | Introdu | ction to | the Gern | nan Le | gal System | | | | | | |
| | ECTS | 5 | Duration | ı | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | |
| | Courses | S | | V (4) | | | | | | | |
| | Method | of ass | essment | writte | en examination (ap | orox. 120 minutes) | | | | | |
| | Particip cation o | | | ven p locat | max. 80 places. Students applying after not having successfully completed assessment in the past two semesters will be given preferential consideration. The remaining places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available. Places on all courses of the module with a restricted number of places will be allocated in the same procedure. | | | | | | |
| 02-G&Hre-G-161- | Comme | rcial ar | d Busine | ss Lav | for Economists | , | | | | | |
| mo1 | ECTS | 5 | Duration | า | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | |
| | Courses | S | • | V (3) | + Ü (2) | • | • | • | | | |
| | Method | d of ass | essment | | en examination (appssered: Usi | orox. 120 minutes) ually once a year, sum | ımer semester | | | | |
| | Particip cation o | | | There are no restrictions with regard to available places for students of Rechtswissenschaft (Law) as well as Bachelor's students with the minor Privatrecht (Private Law). A total of 20 places will be allocated to students of other subjects. 10 of these will be allocated to students of the Master's degree programme Economics. Should the number of available places exceed the number of applications, the remaining places may be allocated to students of other subjects. Should there be more than 10 applications, the remaining places will be allocated as follows: Students applying after not having successfully completed assessment in past years will be given preferential consideration. The remaining places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available. | | | | | | | |
| Geography | | | | | | | | | | | |
| 04-Geo-FER- | Introduction to Geographical Remote Sensing | | | | | | | | | | |
| NE-152-m01 | ECTS | 5 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | |
| | Courses | | | V (2) + T (2) Module taught in: German and/or English | | | | | | | |
| | Method | of ass | essment | written examination (approx. 45 minutes) Language of assessment: German and/or English creditable for bonus | | | | | | | |
| | Referre | d to in l | PO I | § 66 Nr. 2 | | | | | | | |
| o4-Geo-FER- | Applica | tions o | f Remote | Sensing in Geography | | | | | | | |
| NA-152-m01 | ECTS | | | | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | | |
| | Courses | S | <u>, </u> | V (2) + T (2) Module taught in: German and/or English | | | | | | | |
| | Method | l of ass | essment | written examination (approx. 45 minutes) Language of assessment: German and/or English creditable for bonus | | | | | | | |

| Medicine | | | | | | | | | | | | | |
|---|----------------------|------------------|-----------|--|----------------------|-------------------------|----------------------------------|--------------------|---------------|--|--|--|--|
| 03-M-MT-152-m01 | Practic | al Cours | se in med | ical te | cal terminology | | | | | | | | |
| | ECTS | 5 | Duratio | n | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown | | | | |
| | Course | S | | P (o) | | | | | | | | | |
| | Method | d of asse | essment | writte | n examination (app | rox. 60 to 90 minutes | 5) | | | | | | |
| 03-M-IM-152-m01 | Internal Medicine | | | | | | | | | | | | |
| | ECTS | 5 | Duratio | | 1 semester | Method of grading | numerical grade | Modul level | unknown | | | | |
| | Course | _ | | V (o) | | | | | | | | | |
| | Method of assessment | | | oral examination (one candidate each: approx. 15 minutes, or groups of up to 3 candidates: approx. 10 minutes per candidate) Assessment will usually have reference to one of the sub-specialities of internal medicine, e. g. cardiology, pulmonology, nephrology, endocrinology, oncology, gastroenterology, rheumatology, infectious disease. | | | | | | | | | |
| Key Skills Area (20 | ECTS cr | edits) | | | | | | | | | | | |
| General Key Skills In addition to the m | | | | dents r | may also take modul | les offered by JMU as | part of the pool of general tran | ısferable skills (| (ASQ). | | | | |
| General Key Skills | (subject | -specifi | c) | | | | | | | | | | |
| 10-I-TUT1-152-m01 | Tutor a | Tutor activity 1 | | | | | | | | | | | |
| | ECTS | 2 | Duratio | | | Method of grading | (not) successfully completed | Modul level | undergraduate | | | | |
| | Course | | | T (2) | | | | | _ | | | | |
| | | | essment | Wrap-up report on tutoring activities (5 to 10 pages) | | | | | | | | | |
| | Referred to | | | § 22 Nr. 2 f) § 22 Nr. 3 f) | | | | | | | | | |
| 10-I-TUT2-152-m01 | Tutor a | ctivity 2 | 2 | | | | | | | | | | |
| | ECTS | 2 | Duratio | | | Method of grading | (not) successfully completed | Modul level | undergraduate | | | | |
| | Courses | | | T (2) | | | | | | | | | |
| | Method of assessment | | | | | g activities (5 to 10 p | ages) | | | | | | |
| | Referred to in LPO I | | | § 22 Nr. 2 f) § 22 Nr. 3 f) | | | | | | | | | |
| 10-I-TUT3-152-m01 | Tutor a | ctivity 3 | 3 | | | | | | | | | | |
| | ECTS | 2 | Duratio | n | | Method of grading | (not) successfully completed | Modul level | undergraduate | | | | |
| | Course | S | | T (2) | | | | | | | | | |
| | Method | d of asse | essment | Wrap | up report on tutorin | g activities (5 to 10 p | ages) | | | | | | |

| Subject-specific Ke | y Skills | (15 ECT | S credits) | | | | | | | |
|---------------------|----------------------|-----------|------------------|--|---|-------------------|-----------------|-------------|---------------|--|
| 10-I-SEM1-152-m01 | Semina | ar - Sele | cted Topi | ics in C | omputer Science 1 | | | | | |
| | ECTS | 5 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | |
| | Course | S | | S (2) | | | | | | |
| | Method of assessment | | | written elaboration (approx. 10 to 15 pages) and presentation (approx. 30 to 45 minutes) with subsequent discussion on a topic from the field of computer science Language of assessment: German and/or English | | | | | | |
| | Referre | d to in l | PO I | § 22 l | Nr. 3 b) | | | | | |
| 10-I-SEM2-152- | Semina | ar - Sele | cted Topi | cs in C | omputer Science 2 | | | | | |
| mo1 | ECTS | 5 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | |
| | Course | S | | S (2) | | • | | | | |
| | Method of assessment | | | Wrap-up report on tutoring activities (5 to 10 pages) Language of assessment: German and/or English | | | | | | |
| 10-I-PV-152-m01 | Project Presentation | | | | | | | | | |
| | ECTS 5 Duratio | | | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | |
| | Courses | | | S (5) | | | | | | |
| | Method | d of ass | essment | presentation of a project developed by the candidate analogous to a presentation for laypersons with a knowledge of computer science at a trade fair as well as discussion (approx. 10 to 15 minutes total) Language of assessment: German and/or English | | | | | | |
| | Referred to in LPO I | | § 22 II Nr. 3 b) | | | | | | | |
| Thesis (10 ECTS cre | edits) | | | | | | | | | |
| 10-l-BA-152-m01 | Bachel | or's The | sis Infori | natics | | | | | | |
| | ECTS | 10 | Duratio | n | 1 semester | Method of grading | numerical grade | Modul level | undergraduate | |
| | Course | S | | No courses assigned to module | | | | | | |
| | Method | d of ass | essment | Bache Langu | Bachelor's thesis (approx. 50 to 100 pages) Language of assessment: German and/or English | | | | | |
| | Additio | nal Info | rmation | Time 1 | o complete: 10 wee | ks. | | | | |