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# Examination Regulations

for

## Sustainable Agriculture B.Sc.

Faculty of Life Sciences  
Rhine-Waal University of Applied Sciences

Dated 28 November 2018  
(Official Notice 38/2019)

As amended by the  
First amending statutes  
From 13 December 2022  
(Official Notice 7/2023)

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## **Section 1**

### **Scope**

These examination regulations apply to the degree programme Sustainable Agriculture B.Sc., which is offered in English by the Faculty of Life Sciences of Rhine-Waal University of Applied Sciences, and are valid in conjunction with the General Examination Regulations for Bachelor's and Master's Degree Programmes ("RPO") of Rhine-Waal University of Applied Sciences. They govern the standard, seven-semester mode of study (full-time), the dual-vocational, eight-semester mode of study (dual) and the nine-semester mode of study for working professionals (part-time).

## **Section 2**

### **Academic objectives; purpose of examination; degree awarded**

(1) This degree programme concludes with the bachelor's examination, which forms the basis for the professionally qualifying nature of the degree. Academic aims and objectives are outlined in Section 3 RPO. In particular, this degree programme aims to impart to students application-oriented content grounded in sound scientific knowledge as well as to empower students not only to apply agricultural, natural scientific, social scientific and economic methodologies, but also to develop practical and feasible solutions that are not restricted to traditional disciplinary boundaries for the greater international sustainable agricultural community. A strong command of the English language is key to achieving success in this degree programme, as it provides the essential basis for the continuous goal of expanding and honing students' technical language and communication skills.

(2) The academic degree "Bachelor of Arts", abbreviated as "B.A.", is awarded for successfully completing the bachelor's examination.

## **Section 3**

### **Admission requirements**

(1) General admission requirements are defined in Section 4 RPO.

(2) Applicants are ineligible for admission if they failed the final attempt at a mandatory examination in a previous degree programme that was very similar content-wise to this degree programme and offered by a university subject to German Basic Law.

(3) The requirements for proof of English language proficiency are set forth in Section 4a (6a) sentence 1 RPO.

(4) Applicants may request an exemption from the proof of proficiency requirement defined in subsection (3). These requests are justified, for example, for persons applying on the basis of a professionally-qualifying undergraduate degree that was taught in English and in a majority English-speaking country as defined in Annex 1. The Examination Board is responsible for deciding on these requests.

## **Section 4**

### **Basic internship**

In accordance with Section 4 (3) RPO, students in this degree programme are required to complete an eight-week basic internship outside of the University in a context relevant to the content of the curriculum such as an agricultural or horticultural production facility.

## **Section 5**

### **Programme structure; volume of instruction hours; progression of studies**

- (1) This degree programme has a total volume of instruction of 135 contact hours (SWS).
- (2) Participation in curricular excursions, language courses, practical training courses or tutorials is mandatory. These mandatory courses are marked with an asterisk (\*) in the study and examination plan for the degree programme.  
  
(2a) Mandatory courses have an attendance requirement of 75%. Successful completion is confirmed by certificate/attestation as defined by Section 20 (2) RPO. If a student is unable to fulfil the attendance requirement due to a long period of absence for justified reasons (for example illness, pregnancy or nursing leave), the responsible instructor can decide, upon request, if and how the student can make up for the period of absence and still pass the course. Section 16 (4) RPO applies with regard to compensatory arrangements.
- (3) In accordance with the European Credit Transfer Accumulation System (ECTS), one credit point (CP) in this degree programme is equivalent to a workload of 30 hours. The modules of this degree programme comprise a total sum of 210 CP in accordance with Section 6 (5) RPO.
- (4) Before commencing with the dual version of this degree programme, students must complete a 14.5 month period of vocational training in a relevant company and in a German vocational college. A period of two semesters of full-time study at Rhine-Waal University of Applied Sciences follows this initial phase. During this period, the student will attend courses at the University. A second vocational training phase will commence in the third semester of study and conclude with a final vocational qualification examination. Both the vocational training position and the training company must be in the same field as this degree programme. The faculty is responsible for judging the relevance of a proposed dual study arrangement. The vocational training portion of the degree programme generally concludes before the start of the fifth semester of study with an examination at the Chamber of Agriculture. In the fourth and fifth semesters, students in the dual version of the degree programme will attend a mix of courses at both Rhine-Waal University of Applied Sciences and a vocational college. The sixth semester is reserved for an internship or semester abroad. The standard period of study for the dual degree programme is eight semesters.
- (5) The part-time version of this degree programme allows working professionals to pursue a degree alongside their career. The standard period of study for the part-time degree programme is nine semesters.
- (6) Additional information about the breakdown of this degree programme and the type, form and scope of modules is available in the study and examination plan at the end of this document. Additional information about learning outcomes, qualification aims, contents and forms of examination is available in the corresponding module guide, which is available for viewing in the faculty's central office.

(7) Examinations take place over the course of study. Registration for examinations requires proof of completion of any prerequisite modules / module examinations, insofar as prerequisites for a module and/or for lectures offered as part of a module are given in the annex of these regulations.

(8) In addition to the general prerequisites for admission to the internship or semester abroad (Section 21 (2) RPO), students in this degree programme must have successfully completed all modules and module examinations scheduled in the first year of study.

## **Section 6**

### **Scope of examinations**

(1) The time allotted for a written examination depends on the number of contact hours (SWS) for the corresponding lecture. As a rule, 60 minutes are allotted for every two contact hours (SWS).

(2) An oral examination generally lasts between 30 and 45 minutes.

(3) The text portion of an assignment, term paper or project should not exceed 30 DIN A4 pages.

## **Section 7**

### **Scope and form of the thesis**

(1) The text portion of the thesis should generally be between 40 and 100 pages (DIN A4) in length. The thesis may also be supplemented with other media as well, provided their use as additional documentation is appropriate and helpful within the context of the assigned task. In this case, the length of the text portion of the thesis may deviate from the aforementioned minimum requirement.

(2) The thesis can also be submitted as group work if each student's individual contribution fulfils the requirements set forth in Section 23 (1) RPO and is clearly distinguishable (and thus assessable) thanks to clear and distinct delimitation by sections, page numbers or other criteria.

(3) Contrary to Section 25 (2) RPO, the allotted period for completing the thesis for part-time students is six months.

**Section 8**  
**Admission to the thesis and colloquium**

- (1) In addition to the thesis admission requirements set forth in Section 24 (1) RPO, students must have obtained at least 180 credits.
- (2) In addition to the colloquium admission requirements set forth in Section 27 (2) RPO, candidates must have obtained 207 CP.

**Section 9**  
**Credit values for the thesis and colloquium**

- (1) Twelve credits are awarded for passing the undergraduate thesis.
- (2) Three credits are awarded for passing the colloquium.

**Section 10**  
**Awarding of the bachelor's degree**

The bachelor's degree specified in Section 2 (2) is officially conferred upon issuing of the bachelor's degree certificate defined in Section 30 (1) RPO.

**Section 11**  
**Entry into force / transitional provisions**

- (1) These examination regulations will enter into force on the day after publication in the Official Notices (*Amtliche Bekanntmachungen*) of Rhine-Waal University of Applied Sciences. They apply to students who first enrolled in Sustainable Agriculture B.Sc. of the Faculty of Life Sciences of Rhine-Waal University of Applied Sciences in or after winter semester 2023-24.
- (2) Students who first enrolled in Sustainable Agriculture B.Sc. before winter semester 2023-24 may continue their studies according to the examination regulations dated 28 November 2018 (Official Notice 38/2019) until 28 February 2030 at the latest.
- (3) Alternatively, students currently studying under the examination regulations dated 28 November 2018 (Official Notice 38/2019) may submit a written request to the Examination Board to switch to the examination regulations defined in this document. The Examination Board is responsible for all credit recognition decisions for modules and examinations completed under previous examination regulations.

Note: These examination regulations entered into force on 24 February 2023.

## **Annex 1**

### **Countries considered majority English-speaking**

- Antigua and Barbuda
- Australia
- Bahamas
- Barbados
- Belize
- Dominica
- Grenada
- Guyana
- Ireland
- Jamaica
- Canada
- New Zealand
- St. Kitts and Nevis
- St. Lucia
- St. Vincent and the Grenadines
- Trinidad and Tobago
- The United Kingdom of Great Britain and Northern Ireland
- United States of America

# Annex 2

## Anhang 2 // Annex 2

### Prüfungs- und idealtypischer Studienverlaufspläne (Vollzeit) für den Bachelorstudiengang Sustainable Agriculture „Bachelor of Science“, abgekürzt „B. Sc.“ // Recommended study and examination schedule for Sustainable Agriculture B.Sc.

| Module Code/ Modulcode                             | Subjects / Module   | Module Requirements/ Modulvoraussetzungen | CH/ SWS    | Type      |           |           |           |           |           | Ex/Prü/ graded/benotet/ on/ Testat | ECTS points | CH / SWS  |           |           |            |            |           |           |           |           |           |           |           |
|--|---|---|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------------------|-------------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|  |   |   |            | L/V       | S         | E/U       | LC/Pr     | Pro       | WT / WS 1 |                                    |             | ST / SS 2 | WT / WS 3 | ST / SS 4 | WT / WS 5  | SS / ST 6  | WS / WT 7 |           |           |           |           |           |           |
| SA 1 4807  | Basics of Biology and Agroecology I<br>Grundlagen der Biologie und Agroökologie I                                   |   | 4          | 3         |           |           |           |           |           | P                                  | T           | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 1 4802  | Sustainable Learning - Learning Sustainability<br>Nachhaltiges Lernen - Nachhaltigkeit lernen                       |   | 4          | 1         | 2         | 1         |           |           |           | P                                  | T           | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 1 4808  | Agricultural Engineering I and Energy Use in Agriculture<br>Agrartechnik I und Energienutzung in der Landwirtschaft |   | 4          | 2         |           | 2         |           |           |           | P                                  |             | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 1 4804  | Principles of Economics<br>Grundlagen der Ökonomie  |   | 4          | 1         | 1         | 2         |           |           |           | P                                  |             | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 1 4805  | Analysis and Interpretation of Data I<br>Analyse und Interpretation von Daten I                                     |   | 4          | 2         |           | 2         |           |           |           | P                                  |             | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 1 4809  | Agricultural Chemistry<br>Agrarkulturchemie   |   | 4          | 2         |           |           | 2         |           |           | P                                  | T           | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 1 4810  | Soil Science and Tillage<br>Bodenkunde und Bodenbearbeitung   |   | 6          | 3         |           | 1         | 2         |           |           | P                                  | T           | 5         | 2         | 4         |            |            |           |           |           |           |           |           |           |
| SA 2 4827  | Organic and Biochemistry, Biotechnology<br>Organische und Biochemie, Biotechnologie                                 |   | 4          | 2         |           |           | 2         |           |           | P                                  | T           | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 2 4811  | Biology and Biodiversity<br>Biologie und Biodiversität  |   | 4          | 2         |           |           | 2         |           |           | P                                  | T           | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 2 4828  | Agricultural Engineering II and Agrotechnology<br>Agrartechnik II und Agrartechnologie                              | SA 1 4808                                 | 4          | 2         |           | 2         |           |           |           | P                                  |             | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 2 4825  | Agricultural Economics and Farm Management<br>Agrarökonomie und Farmmanagement                                      |   | 4          | 1         | 1         | 2         |           |           |           | P                                  |             | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 2 4829  | Basics of Animal Sciences<br>Grundlagen der Nutztierwissenschaften  |   | 4          | 3         |           |           | 1         |           |           | P                                  | T           | 5         | 4         |           |            |            |           |           |           |           |           |           |           |
| SA 3 4841  | International Markets, Trade and Agricultural Policy<br>Internationale Märkte, Handel und Agrarpolitik              |   | 4          | 1         | 3         |           |           |           |           | P                                  | T           | 5         |           | 4         |            |            |           |           |           |           |           |           |           |
| SA 3 4847  | Climate Change and Water Management<br>Klimawandel und Wassermanagement   |   | 4          | 4         |           |           |           |           |           | P                                  |             | 5         |           | 4         |            |            |           |           |           |           |           |           |           |
| SA 3 4848  | Crop Physiology and Nutrition<br>Pflanzenphysiologie und -ernährung   | SA 1 4807<br>SA 1 4809                    | 5          | 3         |           |           | 2         |           |           | P                                  | T           | 5         |           | 5         |            |            |           |           |           |           |           |           |           |
| SA 3 4849  | Crop Health<br>Pflanzengesundheit I   |   | 4          | 4         |           |           |           |           |           | P                                  |             | 5         |           | 4         |            |            |           |           |           |           |           |           |           |
| SA 3 4845  | Analysis and Interpretation of Data II<br>Analyse und Interpretation von Daten II                                   |   | 4          | 2         |           | 2         |           |           |           | P                                  |             | 5         |           | 4         |            |            |           |           |           |           |           |           |           |
| SA 3 4850  | Animal Husbandry and Health<br>Haltung, Zucht und Gesundheit von Tieren   | SA 2 4829                                 | 4          | 2         |           |           | 2         |           |           | P                                  | T           | 5         |           | 4         |            |            |           |           |           |           |           |           |           |
| SA 4 4875  | Agroecology II and Agronomy<br>Agrarökologie II und Agronomie   | SA 2 4811<br>SA 3 4846                    | 4          | 2         | 1         | 1         |           |           |           | P                                  |             | 5         |           |           | 4          |            |           |           |           |           |           |           |           |
| SA 4 4824  | Rural Development and Sustainable Behaviour<br>Ländliche Entwicklung und nachhaltiges Verhalten                     |   | 4          | 1         | 2         | 1         |           |           |           | P                                  | T           | 5         |           |           | 4          |            |           |           |           |           |           |           |           |
| SA 4 4876  | Horticulture and Agroforestry<br>Gartenbau und Agroforst  |   | 5          | 3         |           |           | 2         |           |           | P                                  | T           | 5         |           |           | 5          |            |           |           |           |           |           |           |           |
| SA 4 4874  | Project<br>Projekt  |   | 4          |           |           |           |           | 4         |           | T                                  |             | 5         |           |           | 4          |            |           |           |           |           |           |           |           |
|  | Elective modules 1<br>Wahlpflichtkatalog 1  |   | 8          | 4         | 4         |           |           |           |           | P                                  |             | 10        |           |           |            | 8          |           |           |           |           |           |           |           |
| SA 5 4921  | Ethics in Life Sciences<br>Ethik in den Lebenswissenschaften  |   | 3          | 1         | 2         |           |           |           |           | P                                  |             | 5         |           |           |            | 3          |           |           |           |           |           |           |           |
| SA 5 4922  | Sustainability and Agri-food Chains<br>Nachhaltigkeit und Agri-food Wertschöpfungsketten                            |   | 4          | 1         |           | 1         |           | 2         |           | P                                  |             | 5         |           |           | 4          |            |           |           |           |           |           |           |           |
| SA 5 4844  | Natural Resources and Environmental Economics<br>Ressourcen- und Umweltökonomie                                     | SA 1 4804                                 | 4          | 1         | 1         | 2         |           |           |           | P                                  |             | 5         |           |           | 4          |            |           |           |           |           |           |           |           |
| SA 5 4925  | Animal Welfare<br>Tiergerechtigkeit   | SA 2 4829<br>SA 3 4850                    | 4          | 2         |           | 2         |           |           |           | P                                  |             | 5         |           |           | 4          |            |           |           |           |           |           |           |           |
|  | Elective modules 2<br>Wahlpflichtkatalog 2  |   | 8          | 4         | 4         |           |           |           |           | P                                  |             | 10        |           |           |            | 8          |           |           |           |           |           |           |           |
| SA 6 4991  | Internship or Study Abroad<br>Praxissemester oder Auslandsstudiensemester   | min. 90 ECTS<br>points **                 |            |           |           |           |           |           |           | T                                  |             | 30        |           |           |            |            |           |           |           |           |           | X         |           |
| SA 7 4992  | Academic Methods and Principles<br>Wissenschaftliches Arbeiten  |   | 4          |           | 2         | 2         |           |           |           | T                                  |             | 5         |           |           |            |            |           |           |           |           |           |           | 4         |
|  | Elective Modules 3<br>Wahlpflichtkatalog 3  |   | 8          |           | 4         |           |           | 4         |           | T                                  |             | 10        |           |           |            |            |           |           |           |           |           |           | 8         |
| SA 7 4993  | Bachelor Thesis<br>Bachelorarbeit   | min. 180 ECTS<br>points                   |            |           |           |           |           |           |           | P                                  |             | 12        |           |           |            |            |           |           |           |           |           |           | X         |
| SA 7 4994  | Colloquium<br>Kolloquium  | 207 ECTS<br>points                        |            |           |           |           |           |           |           | P                                  |             | 3         |           |           |            |            |           |           |           |           |           |           | X         |
| <b>total credit hours // Semesterwochenstunden</b> |   |   | <b>135</b> | <b>59</b> | <b>27</b> | <b>23</b> | <b>16</b> | <b>10</b> |           |                                    |             |           | <b>26</b> | <b>24</b> | <b>25</b>  | <b>25</b>  | <b>23</b> | <b>23</b> | <b>0</b>  | <b>12</b> | <b>30</b> | <b>30</b> | <b>30</b> |
|  |   |   |            |           |           |           |           |           |           |                                    |             |           | <b>30</b> | <b>30</b> | <b>30</b>  | <b>30</b>  | <b>30</b> | <b>30</b> | <b>30</b> | <b>30</b> | <b>30</b> | <b>30</b> | <b>60</b> |
|  |   |   |            |           |           |           |           |           |           |                                    |             |           |           |           | <b>190</b> | <b>210</b> |           |           |           |           |           |           |           |

**Abbreviations: // Abkürzungen**  
 CH = credit hours per week // SWS = Semesterwochenstunden  
 WS = winter term // Wintersemester  
 SS = summer term // Sommersemester  
 Ex/Prü = type of examination // Prüfungsart  
 ECTS points = European Credit Transfer System credit points // Leistungspunkte nach dem Europäischen System zur Übertragung und Akkumulation von Studienleistungen  
 L/V = Lecture // Vorlesung  
 S = seminar // Seminar  
 E/U = exercise // Übung  
 LC/Pr = lab course // Praktikum  
 Pro = project // Projekt  
 T = certificate // Testat (unbenotet)  
 P = examination (graded) // benotete Prüfung

|             | total | 1 Sem | 2 Sem | 3 Sem | 4 Sem | 5 Sem | 6 Sem | 7 Sem |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|
| CH          | 135   | 26    | 24    | 25    | 25    | 23    | 0     | 12    |
| ECTS points | 210   | 30    | 30    | 30    | 30    | 30    | 30    | 30    |

\*\* In addition to the General Examination Regulations for Bachelor's Degree Programmes regarding the admission to the internship or study abroad the student has to show the successful completion of all modules/module examinations of the first study year of the study programme.  
 \*\* Ergänzend zu den Voraussetzungen der Rahmenprüfungsordnung zur Zulassung zum Praxis- oder Auslandsstudiensemester hat der/die Studierende das erfolgreiche Ableisten sämtlicher Module/Modulprüfungen des 1. Studienjahres des Studiengangs nachzuweisen.

# Elective Catalogue

| Elective modules 1<br>Wahlpflichtkatalog 1 |  |  | SWS      | Ex | ETCS<br>points |
|--|--|--|----------|----|----------------|
| SA 4 4898                                  | Focus Field Animal Sciences and Aquaponics 1<br>Schwerpunkt Tierwissenschaften und Aquaponik 1   |  | 4        | P  | 5              |
| SA 4 4899                                  | Focus Field Plant and Soil Sciences 1<br>Schwerpunkt Pflanzen- und Bodenwissenschaften 1   |  | 4        | P  | 5              |
| SA 4 4924                                  | Focus Field Analysis of Sustainability and Food Sciences 1<br>Schwerpunkt Nachhaltigkeitsanalyse und<br>Lebensmittelwissenschaften 1   |  | 4        | P  | 5              |
| SA 4 4900                                  | Area of Specialization Economics and Social Sciences 1<br>Vertiefungsbereich Wirtschafts- und Sozialwissenschaften 1   |  | 4        | P  | 5              |
| SA 4 WPF_1                                 | Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences<br>Wahlmöglichkeit Angebot Fakultät Life Sciences<br>Bachelorstudiengänge |  | 4        | P  | 5              |
| <b>2 elective modules amount to</b>        |  |  | <b>8</b> |    | <b>10</b>      |

  

| Elective modules 2<br>Wahlpflichtkatalog 2 |  |  | SWS      | Ex | ETCS<br>points |
|--|--|--|----------|----|----------------|
| SA 5 4947                                  | Focus Field Animal Sciences and Aquaponics 2<br>Schwerpunkt Tierwissenschaften und Aquaponik 2   |  | 4        | P  | 5              |
| SA 5 4948                                  | Focus Field Plant and Soil Sciences 2<br>Schwerpunkt Pflanzen- und Bodenwissenschaften 2   |  | 4        | P  | 5              |
| SA 5 4949                                  | Focus Field Analysis of Sustainability and Food Sciences 2<br>Schwerpunkt Nachhaltigkeitsanalyse und<br>Lebensmittelwissenschaften 2   |  | 4        | P  | 5              |
| SA 5 4950                                  | Area of Specialization Economics and Social Sciences 2<br>Vertiefungsbereich Wirtschafts- und Sozialwissenschaften 2   |  | 4        | P  | 5              |
| SA 5 WPF_2                                 | Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences<br>Wahlmöglichkeit Angebot Fakultät Life Sciences<br>Bachelorstudiengänge |  | 4        | P  | 5              |
| <b>2 elective modules amount to</b>        |  |  | <b>8</b> |    | <b>10</b>      |

  

| Elective modules 3<br>Wahlpflichtkatalog 3 |  |  | SWS      | Ex | ETCS<br>points |
|--|--|--|----------|----|----------------|
| SA 7 4971                                  | Project reg. Academic Principles and Methods in preparation of Bachelor Thesis<br>Projekt zum Wissenschaftlichen Arbeiten in der Vorbereitung der Bachelorarbeit |  | 8        | T  | 10             |
| 550  | Language Course<br>Sprachkurs  |  | 4        | T  | 5              |
| SA 7 WPF_3                                 | Module from catalogue 1 and 2 of study programme<br>Wahlmöglichkeit aus Wahlpflichtkatalog 1 und 2 des Studiengangs  |  | 4        | P  | 5              |
| SA 7 WPF_4                                 | Module from any Bachelor Study Course at Rhine-Waal University of Applied Sciences<br>Wahlmöglichkeit Angebot HRW Bachelorstudiengänge                           |  | 4        | P  | 5              |
| <b>1+2 elective modules amount to</b>      |  |  | <b>8</b> |    | <b>10</b>      |

In contrast to the field of specialization, modules from the elective module catalog must be selected. Für das Belegen des Vertiefungsbereichs muss ein Modul aus dem eigenen Modulkatalog gewählt werden.

|           |  |
|-----------|--|
| AB 2 4021 | Strategy and Management<br>Strategie und Management                                      |
| AB 2 4022 | Agronomy II and Horticulture<br>Agronomie II und Gartenbau                               |
| AB 2 4023 | Financial Accounting<br>Rechnungswesen   |
| AB 2 4026 | Supply Chain Management<br>Versorgungskettenmanagement                                   |
| AB 4 4071 | Agricultural Extension<br>Landschaftliche Beratungslehre                                 |
| AB 4 4072 | Entrepreneurship and Innovation Management<br>Existenzgründung und Innovationsmanagement |
| AB 4 4073 | Market Research<br>Marktforschung  |

In contrast to the field of specialization, modules from the elective module catalog must be selected. Für das Belegen des Vertiefungsbereichs muss ein Modul aus dem eigenen Modulkatalog gewählt werden.

|           |   |
|-----------|---|
| AB 1 4001 | Marketing<br>Marketing  |
| AB 1 4006 | Communication<br>Kommunikation  |
| AB 3 4043 | Environmental, Agricultural and Food Law<br>Umwelt-, Agrar- und Lebensmittelrecht |
| AB 3 4046 | Management Accounting<br>Controlling  |
| AB 5 4124 | Integrated Management Systems<br>Integrierte Managementsysteme                    |

The faculty reserves the right to determine a minimum number of participants for offering an elective subject. Admission to mandatory modules is subject to available capacities. The possibility to obtain the required number of credit points remains unaffected. / Die Fakultät behält sich das Recht vor, eine Mindestteilnehmerzahl für das Zustandekommen eines Wahlpflichtkurses festzulegen. Die Zulassung zu Pflichtmodulen erfolgt vorbehaltlich freier Kapazitäten. Die Möglichkeit des Erreichens der vorgeschriebenen Kreditpunktzahl bleibt

In case of new developments in the different fields of Sustainable Agriculture the faculty reserves the right to expand the range of elective modules by further study courses over the time. / Die Fakultät behält sich vor, das Wahlpflichtangebot im Laufe der Zeit bei neuen Entwicklungen in verschiedenen Feldern der nachhaltigen Landwirtschaft durch weitere Fächer zu erweitern.

\*\*\* The actual selection from any study programme of the Rhine-Waal University has to be approved by the Examination Committee of the Faculty of Life Sciences. Module code and module description of the module chosen will be used. // Die konkrete Auswahl aus dem Studienangebot der Hochschule bedarf der Zustimmung des Prüfungsausschussvorsitzenden. Modulcode und Modulbezeichnung entsprechen dem gewählten Modul.



**Prüfungs- und idealtypischer Studienverlaufspläne für den Bachelorstudiengang Sustainable Agriculture  
 „Bachelor of Science“, abgekürzt „B. Sc.“, (berufsbegleitendes Studium) //  
 Recommended study and examination plan for Sustainable Agriculture B.Sc., part-time:**

| Module Code/<br>Modulcode | Subjects / Module   | Module Requirements<br>Modulvoraussetzungen | CH/<br>SWS | Type      |           |           |           |           |              | Ex/Prüfungsart<br>graded/<br>benotet /<br>at | ECTS<br>points | part time study / berufsbegleitendes Studium |              |              |              |              |              |              |              |           |           |   |           |   |
|---------------------------|---|---|------------|-----------|-----------|-----------|-----------|-----------|--------------|--|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|-----------|---|-----------|---|
|                           |   |   |            | L/V       | S         | E/U       | LC/Pr     | Pro       | CH / SWS     |  |                |  |              |              |              |              |              |              |              |           |           |   |           |   |
|                           |   |   |            |           |           |           |           |           | WT /<br>WS 1 |  |                | ST /<br>SS 2                                 | WT /<br>WS 3 | ST /<br>SS 4 | WT /<br>WS 5 | SS /<br>ST 6 | WS /<br>WT 7 | WS /<br>WT 8 | WS /<br>WT 9 |           |           |   |           |   |
| SA 1 4807                 | Basics of Biology and Agroecology I<br>Grundlagen der Biologie und Agrökologie I                                    |   | 4          | 3         |           |           |           | 1         |              | P  | T              | 5  |              | 4            |              |              |              |              |              |           |           |   |           | * |
| SA 1 4802                 | Sustainable Learning - Learning Sustainability<br>Nachhaltiges Lernen - Nachhaltigkeit lernen                       |   | 4          | 1         | 2         | 1         |           |           |              | P  | T              | 5  | 4            |              |              |              |              |              |              |           |           |   |           | * |
| SA 1 4806                 | Agricultural Engineering I and Energy Use in Agriculture<br>Agrartechnik I und Energienutzung in der Landwirtschaft |   | 4          | 2         |           | 2         |           |           |              | P  |                | 5  |              | 4            |              |              |              |              |              |           |           |   |           | * |
| SA 1 4804                 | Principles of Economics<br>Grundlagen der Ökonomie  |   | 4          | 1         | 1         | 2         |           |           |              | P  |                | 5  |              | 4            |              |              |              |              |              |           |           |   |           | * |
| SA 1 4805                 | Analysis and Interpretation of Data I<br>Analyse und Interpretation von Daten I                                     |   | 4          | 2         |           | 2         |           |           |              | P  |                | 5  | 4            |              |              |              |              |              |              |           |           |   |           | * |
| SA 1 4809                 | Agricultural Chemistry<br>Agrarkulturchemie   |   | 4          | 2         |           |           | 2         |           |              | P  | T              | 5  | 4            |              |              |              |              |              |              |           |           |   |           | * |
| SA 1 4810                 | Soil Science and Tillage<br>Bodenkunde und Bodenbearbeitung   |   | 6          | 3         | 1         | 2         |           | 2         |              | P  | T              | 5  | 2            | 4            |              |              |              |              |              |           |           |   |           | * |
| SA 2 4827                 | Organic and Biochemistry, Biotechnology<br>Organische und Biochemie, Biotechnologie                                 |   | 4          | 2         |           |           | 2         |           |              | P  | T              | 5  | 4            |              |              |              |              |              |              |           |           |   |           | * |
| SA 2 4811                 | Biology and Biodiversity<br>Biologie und Biodiversität  |   | 4          | 2         |           |           |           | 2         |              | P  | T              | 5  | 4            |              |              |              |              |              |              |           |           |   |           | * |
| SA 2 4828                 | Agricultural Engineering II and Agrotechnology<br>Agrartechnik II und Agrartechnologie                              | SA 1 4808                                   | 4          | 2         |           | 2         |           |           |              | P  |                | 5  |              |              | 4            |              |              |              |              |           |           |   |           | * |
| SA 2 4825                 | Agricultural Economics and Farm Management<br>Agrarökonomie und Farmmanagement                                      |   | 4          | 1         | 1         | 2         |           |           |              | P  |                | 5  |              |              | 4            |              |              |              |              |           |           |   |           | * |
| SA 2 4829                 | Basics of Animal Sciences<br>Grundlagen der Nutzwissenschaften  |   | 4          | 3         |           |           |           | 1         |              | P  | T              | 5  | 4            |              |              |              |              |              |              |           |           |   |           | * |
| SA 3 4841                 | International Markets, Trade and Agricultural Policy<br>Internationale Märkte, Handel und Agrarpolitik              |   | 4          | 1         | 3         |           |           |           |              | P  | T              | 5  |              |              |              | 4            |              |              |              |           |           |   |           | * |
| SA 3 4847                 | Climate Change and Water Management<br>Klimawandel und Wassermanagement   |   | 4          | 4         |           |           |           |           |              | P  |                | 5  |              |              |              | 4            |              |              |              |           |           |   |           | * |
| SA 3 4846                 | Crop Physiology and Nutrition<br>Pflanzenphysiologie und -ernährung   | SA 1 4807<br>SA 1 4809                      | 5          | 3         |           |           | 2         |           |              | P  | T              | 5  |              | 5            |              |              |              |              |              |           |           |   |           | * |
| SA 3 4849                 | Crop Health I<br>Pflanzengesundheit I   |   | 4          | 4         |           |           |           |           |              | P  |                | 5  |              |              | 4            |              |              |              |              |           |           |   |           | * |
| SA 3 4845                 | Analysis and Interpretation of Data II<br>Analyse und Interpretation von Daten II                                   |   | 4          | 2         |           | 2         |           |           |              | P  |                | 5  |              | 4            |              |              |              |              |              |           |           |   |           | * |
| SA 3 4850                 | Animal Husbandry and Health<br>Haltung, Zucht und Gesundheit von Tieren   | SA 2 4829                                   | 4          | 2         |           |           | 2         |           |              | P  | T              | 5  |              |              |              | 4            |              |              |              |           |           |   |           | * |
| SA 4 4875                 | Agroecology II and Agronomy<br>Agrarökologie II und Agronomie   | SA 2 4811<br>SA 3 4848                      | 4          | 2         | 1         | 1         |           |           |              | P  |                | 5  |              |              |              | 4            |              |              |              |           |           |   |           | * |
| SA 4 4824                 | Rural Development and Sustainable Behaviour<br>Ländliche Entwicklung und nachhaltiges Verhalten                     |   | 4          | 1         | 2         | 1         |           |           |              | P  | T              | 5  |              |              | 4            |              |              |              |              |           |           |   |           | * |
| SA 4 4876                 | Horiculture and Agroforestry<br>Gartenbau und Agroforst   |   | 5          | 3         |           |           | 2         |           |              | P  | T              | 5  |              |              |              | 5            |              |              |              |           |           |   |           | * |
| SA 4 4874                 | Project<br>Projekt  |   | 4          |           |           |           |           | 4         |              |  | T              | 5  |              |              | 4            |              |              |              |              |           |           |   |           | * |
|                           | Elective modules 1<br>Wahlpflichtkatalog 1  |   | 8          | 4         | 4         |           |           |           |              | P  |                | 10   |              |              |              |              | 8            |              |              |           |           |   |           | * |
| SA 5 4921                 | Ethics in Life Sciences<br>Ethik in den Lebenswissenschaften  |   | 3          | 1         | 2         |           |           |           |              | P  |                | 5  |              |              |              |              | 3            |              |              |           |           |   |           | * |
| SA 5 4922                 | Sustainability and Agri-food Chains<br>Nachhaltigkeit und Agri-food Wertschöpfungsketten                            |   | 4          | 1         | 1         | 1         |           | 2         |              | P  |                | 5  |              |              |              |              |              |              |              |           |           |   |           | * |
| SA 5 4844                 | Natural Resources and Environmental Economics<br>Ressourcen- und Umweltökonomie                                     | SA 1 4804                                   | 4          | 1         | 1         | 2         |           |           |              | P  |                | 5  |              |              |              | 4            |              |              |              |           |           |   |           | * |
| SA 5 4925                 | Animal Welfare<br>Tiergerechtigkeit   | SA 2 4829<br>SA 3 4850                      | 4          | 2         |           | 2         |           |           |              | P  |                | 5  |              |              |              | 4            |              |              |              |           |           |   |           | * |
|                           | Elective modules 2<br>Wahlpflichtkatalog 2  |   | 8          | 4         | 4         |           |           |           |              | P  |                | 10   |              |              |              | 4            |              | 4            |              |           |           |   |           | * |
| SA 6 4991                 | Internship or Study Abroad<br>Praxissemester oder Auslandsstudiensemester   | min. 90 ECTS<br>points **                   |            |           |           |           |           |           |              |  | T              | 30   |              |              |              | X            |              |              |              |           |           |   |           | * |
| SA 7 4992                 | Academic Methods and Principles<br>Wissenschaftliches Arbeiten  |   | 4          | 2         | 2         | 2         |           |           |              |  | T              | 5  |              |              |              |              |              |              |              |           |           |   | 4         | * |
|                           | Elective Modules 3<br>Wahlpflichtkatalog 3  |   | 8          | 4         |           |           |           | 4         |              |  | T              | 10   |              |              |              |              |              |              |              |           |           |   | 8         | * |
| SA 7 4993                 | Bachelor Thesis<br>Bachelorarbeit   | min. 180 ECTS<br>points                     |            |           |           |           |           |           |              | P  |                | 12   |              |              |              |              |              |              |              |           |           | X |           | * |
| SA 7 4994                 | Colloquium<br>Kolloquium  | 207 ECTS<br>points                          |            |           |           |           |           |           |              | P  |                | 3  |              |              |              |              |              |              |              |           |           |   | X         | * |
|                           | <b>total credit hours // Semesterwochenstunden</b>  |   | <b>135</b> | <b>59</b> | <b>27</b> | <b>23</b> | <b>16</b> | <b>10</b> |              |  |                | <b>210</b>                                   | <b>18</b>    | <b>16</b>    | <b>17</b>    | <b>16</b>    | <b>16</b>    | <b>17</b>    | <b>19</b>    | <b>0</b>  | <b>16</b> |   |           |   |
|                           |   |   |            |           |           |           |           |           |              |  |                |  | <b>20</b>    | <b>20</b>    | <b>20</b>    | <b>20</b>    | <b>20</b>    | <b>20</b>    | <b>25</b>    | <b>42</b> | <b>23</b> |   |           |   |
|                           |   |   |            |           |           |           |           |           |              |  |                |  |              |              |              | <b>145</b>   |              |              |              |           |           |   | <b>65</b> |   |
|                           |   |   |            |           |           |           |           |           |              |  |                |  |              |              |              | <b>210</b>   |              |              |              |           |           |   |           |   |

Abbreviations: // Abkürzungen  
 CH = credit hours per week // SWS = Semesterwochenstunden

|             | total | 1.Sem | 2.Sem | 3.Sem | 4.Sem | 5.Sem | 6.Sem | 7.Sem | 8.Sem | 9.Sem |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CH          | 135   | 18    | 16    | 17    | 16    | 16    | 17    | 19    | 0     | 16    |
| ECTS points | 210   | 20    | 20    | 20    | 20    | 20    | 20    | 25    | 42    | 23    |

- WS = winter term // Wintersemester
- SS = summer term // Sommersemester
- Ex/Prüfungsart = type of examination // Prüfungsart
- ECTS points = European Credit Transfer System credit points // Leistungspunkte nach dem Europäisches System zur Übertragung und Akkumulierung von Studienleistungen
- L/V = Lecture // Vorlesung
- S = seminar // Seminar
- E/U = exercise // Übung
- LC/Pr = lab course // Praktikum
- Pro = project // Projekt
- T = certificate // Testat (unbenotet)
- P = examination (graded) // benotete Prüfung

\*\* In addition to the General Examination Regulations for Bachelor's Degree Programmes regarding the admission to the internship or study abroad the student has to show the successful completion of all modules/module examinations of the first study year of the study programme.  
 \*\* Ergänzung zu den Voraussetzungen der Rahmenprüfungsordnung zur Zulassung zum Praxis- oder Auslandsstudiensemester hat der/die Studierende das erfolgreiche Ableisten sämtlicher Module/Modulprüfungen des 1. Studienjahres des Studiengangs nachzuweisen.

The full-time elective catalogue also applies to part-time students.

**Prüfungs- und idealtypischer Studienverlaufspläne für den Bachelorstudiengang Sustainable Agriculture  
„Bachelor of Science“, abgekürzt „B. Sc.“, (duales Studium) //  
Recommended study and examination plan for Sustainable Agriculture B.Sc., dual:**

| Module Code/<br>Modulcode | Subjects / Module  | Module Requirement<br>#<br>Modulvoraus | CH<br>SWS  | Type      |           |           |           |           |              | Ex/Prü<br>graded/<br>benotet<br>at | ECTS<br>points | cooperative study / duales Studium |              |              |              |              |              |              |  |           |           |   |           |           |   |
|---------------------------|--|--|------------|-----------|-----------|-----------|-----------|-----------|--------------|------------------------------------|----------------|------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|-----------|-----------|---|-----------|-----------|---|
|                           |  |  |            | L/V       | S         | E/U       | LC/Pr     | Pro       | WT /<br>WS 1 |                                    |                | ST /<br>SS 2                       | WT /<br>WS 3 | ST /<br>SS 4 | WT /<br>WS 5 | ST /<br>SS 6 | WT /<br>WS 7 | SS /<br>ST 8 |  |           |           |   |           |           |   |
| SA 1 4807                 | Basics of Biology and Agroecology I<br>Grundlagen der Biologie und Agroökologie I                                    |  | 4          | 3         |           |           |           | 1         |              | P                                  | T              | 5                                  |              | 4            |              |              |              |              |  |           |           |   |           |           | * |
| SA 1 4802                 | Sustainable Learning - Learning Sustainability<br>Nachhaltiges Lernen - Nachhaltigkeit lernen                        |  | 4          | 1         | 2         | 1         |           |           |              | P                                  | T              | 5                                  |              | 4            |              |              |              |              |  |           |           |   |           |           | * |
| SA 1 4808                 | Agricultural Engineering I Land Energy Use in Agriculture<br>Agrartechnik I und Energienutzung in der Landwirtschaft |  | 4          | 2         |           | 2         |           |           |              | P                                  |                | 5                                  |              | 4            |              |              |              |              |  |           |           |   |           |           | * |
| SA 1 4804                 | Principles of Economics<br>Grundlagen der Ökonomie   |  | 4          | 1         | 1         | 2         |           |           |              | P                                  |                | 5                                  |              | 4            |              |              |              |              |  |           |           |   |           |           | * |
| SA 1 4805                 | Analysis and Interpretation of Data I<br>Analyse und Interpretation von Daten I                                      |  | 4          | 2         |           | 2         |           |           |              | P                                  |                | 5                                  |              | 4            |              |              |              |              |  |           |           |   |           |           | * |
| SA 1 4809                 | Agricultural Chemistry<br>Agrarkulturchemie  |  | 4          | 2         |           | 2         |           |           |              | P                                  | T              | 5                                  |              | 4            |              |              |              |              |  |           |           |   |           |           | * |
| SA 1 4810                 | Soil Science and Tillage<br>Bodenkunde und Bodenbearbeitung  |  | 6          | 3         | 1         | 2         |           |           |              | P                                  | T              | 5                                  |              | 2            | 4            |              |              |              |  |           |           |   |           |           | * |
| SA 2 4827                 | Organic and Biochemistry, Biotechnology<br>Organische und Biochemie, Biotechnologie                                  |  | 4          | 2         |           | 2         |           |           |              | P                                  | T              | 5                                  |              |              | 4            |              |              |              |  |           |           |   |           |           | * |
| SA 2 4811                 | Biology and Biodiversity<br>Biologie und Biodiversität   |  | 4          | 2         |           | 2         |           |           |              | P                                  | T              | 5                                  |              |              | 4            |              |              |              |  |           |           |   |           |           | * |
| SA 2 4828                 | Agricultural Engineering II and Agrotechnology<br>Agrartechnik II und Agrartechnologie                               | SA 1 4808                              | 4          | 2         |           | 2         |           |           |              | P                                  |                | 5                                  |              |              | 4            |              |              |              |  |           |           |   |           |           | * |
| SA 2 4825                 | Agricultural Economics and Farm Management<br>Agrarökonomie und Farmmanagement                                       |  | 4          | 1         | 1         | 2         |           |           |              | P                                  |                | 5                                  |              |              | 4            |              |              |              |  |           |           |   |           |           | * |
| SA 2 4829                 | Basics of Animal Sciences<br>Grundlagen der Nutztierwissenschaften   |  | 4          | 3         |           |           |           | 1         |              | P                                  | T              | 5                                  |              |              | 4            |              |              |              |  |           |           |   |           |           | * |
| SA 3 4841                 | International Markets, Trade and Agricultural Policy<br>Internationale Märkte, Handel und Agrarpolitik               |  | 4          | 1         | 3         |           |           |           |              | P                                  | T              | 5                                  |              |              |              |              |              |              |  |           |           | 4 |           |           | * |
| SA 3 4847                 | Climate Change and Water Management<br>Klimawandel und Wassermanagement  |  | 4          | 4         |           |           |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           | 4 |           |           | * |
| SA 3 4848                 | Crop Physiology and Nutrition<br>Pflanzenphysiologie und -ernährung  | SA 1 4807<br>SA 1 4809                 | 5          | 3         |           | 2         |           |           |              | P                                  | T              | 5                                  |              |              |              |              |              |              |  |           |           |   | 5         |           | * |
| SA 3 4849                 | Crop Health<br>Pflanzengesundheit I  |  | 4          | 4         |           |           |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   | 4         |           | * |
| SA 3 4845                 | Analysis and Interpretation of Data II<br>Analyse und Interpretation von Daten II                                    |  | 4          | 2         |           | 2         |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   | 4         |           | * |
| SA 3 4850                 | Animal Husbandry and Health<br>Haltung, Zucht und Gesundheit von Tieren  | SA 2 4829                              | 4          | 2         |           | 2         |           |           |              | P                                  | T              | 5                                  |              |              |              |              |              |              |  |           |           |   | 4         |           | * |
| SA 4 4875                 | Agroecology II and Agronomy<br>Agrarökologie II und Agronomie  | SA 2 4811<br>SA 3 4848                 | 4          | 2         | 1         | 1         |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   | 4         |           | * |
| SA 4 4824                 | Rural Development and Sustainable Behaviour<br>Ländliche Entwicklung und nachhaltiges Verhalten                      |  | 4          | 1         | 2         | 1         |           |           |              | P                                  | T              | 5                                  |              |              |              |              |              |              |  |           |           |   | 4         |           | * |
| SA 4 4876                 | Horticulture and Agroforestry<br>Gartenbau und Agroforst   |  | 5          | 3         |           |           |           | 2         |              | P                                  | T              | 5                                  |              |              |              |              |              |              |  |           |           |   | 5         |           | * |
| SA 4 4874                 | Project<br>Projekt   |  | 4          |           |           |           |           | 4         |              |                                    | T              | 5                                  |              |              |              |              |              |              |  |           |           |   | 4         |           | * |
|                           | Elective modules 1<br>Wahlpflichtkatalog 1   |  | 8          | 4         | 4         |           |           |           |              | P                                  |                | 10                                 |              |              |              |              |              |              |  |           |           |   | 8         |           |   |
| SA 5 4921                 | Ethics in Life Sciences<br>Ethik in den Lebenswissenschaften   |  | 3          | 1         | 2         |           |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   |           | 3         |   |
| SA 5 4922                 | Sustainability and Agri-food Chains<br>Nachhaltigkeit und Agri-food Wertschöpfungsketten                             |  | 4          | 1         | 1         | 1         | 2         |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   |           | 4         |   |
| SA 5 4844                 | Natural Resources and Environmental Economics<br>Ressourcen- und Umweltökonomie                                      | SA 1 4804                              | 4          | 1         | 1         | 2         |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   |           | 4         |   |
| SA 5 4925                 | Animal Welfare<br>Tiergerechtigkeit  | SA 2 4829<br>SA 3 4850                 | 4          | 2         |           | 2         |           |           |              | P                                  |                | 5                                  |              |              |              |              |              |              |  |           |           |   |           | 4         |   |
|                           | Elective modules 2<br>Wahlpflichtkatalog 2   |  | 8          | 4         | 4         |           |           |           |              | P                                  |                | 10                                 |              |              |              |              |              |              |  |           |           |   |           | 8         |   |
| SA 6 4991                 | Internship or Study Abroad<br>Praxissemester oder Auslandsstudiensemester  | min. 90 ECTS<br>points **              |            |           |           |           |           |           |              |                                    | T              | 30                                 |              |              |              |              |              |              |  |           |           |   |           | X         |   |
| SA 7 4992                 | Academic Methods and Principles<br>Wissenschaftliches Arbeiten   |  | 4          |           | 2         | 2         |           |           |              |                                    | T              | 5                                  |              |              |              |              |              |              |  |           |           |   |           | 4         |   |
|                           | Elective Modules 3<br>Wahlpflichtkatalog 3   |  | 8          |           | 4         |           |           | 4         |              |                                    | T              | 10                                 |              |              |              |              |              |              |  |           |           |   |           | 8         |   |
| SA 7 4993                 | Bachelor Thesis<br>Bachelorarbeit  | min. 180<br>ECTS points                |            |           |           |           |           |           |              | P                                  |                | 12                                 |              |              |              |              |              |              |  |           |           |   |           | X         |   |
| SA 7 4994                 | Colloquium<br>Kolloquium   | 207 ECTS<br>points                     |            |           |           |           |           |           |              | P                                  |                | 3                                  |              |              |              |              |              |              |  |           |           |   |           | X         |   |
|                           | <b>total credit hours // Semesterwochenstunden</b>   |  | <b>135</b> | <b>69</b> | <b>27</b> | <b>23</b> | <b>16</b> | <b>10</b> |              |                                    |                |                                    |              | <b>28</b>    | <b>24</b>    |              | <b>25</b>    | <b>26</b>    |  | <b>30</b> | <b>30</b> |   | <b>23</b> | <b>12</b> |   |
|                           |  |  |            |           |           |           |           |           |              |                                    |                |                                    |              | <b>30</b>    | <b>30</b>    |              | <b>30</b>    | <b>30</b>    |  | <b>30</b> | <b>30</b> |   | <b>30</b> | <b>30</b> |   |
|                           |  |  |            |           |           |           |           |           |              |                                    |                |                                    |              |              | <b>120</b>   |              |              |              |  |           |           |   | <b>90</b> | <b>90</b> |   |
|                           |  |  |            |           |           |           |           |           |              |                                    |                |                                    |              |              |              | <b>210</b>   |              |              |  |           |           |   |           |           |   |

**Abbreviations: // Abkürzungen**  
 CH = credit hours per week // SWS = Semesterwochenstunden  
 WS = winter term // Wintersemester  
 SS = summer term // Sommersemester  
 Ex/Prü = type of examination // Prüfungsart  
 ECTS points = European Credit Transfer System credit points // Leistungspunkte nach dem Europäischen System zur Übertragung und Akkumulierung von Studienleistungen  
 L/V = Lecture // Vorlesung  
 S = seminar // Seminar  
 E/U = exercise // Übung  
 LC/Pr = lab course // Praktikum  
 Pro = project // Projekt  
 T = certificate // Testat (unbenotet)  
 P = examination (graded) // benotete Prüfung

|             |       |       |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|-------|-------|
| total       | 1 Sem | 2 Sem | 3 Sem | 4 Sem | 5 Sem | 6 Sem | 7 Sem |
| CH          | 135   | 28    | 24    | 25    | 26    | 30    | 12    |
| ECTS points | 210   | 30    | 30    | 30    | 30    | 30    | 30    |

\*\* In addition to the General Examination Regulations for Bachelor 's Degree Programmes regarding the admission to the internship or study abroad the student has to show the successful completion of all modules/module examinations of the first study year of the study programme.  
 \*\* Ergänzend zu den Voraussetzungen der Rahmenprüfungsordnung zur Zulassung zum Praxis- oder Auslandsstudiensemester hat der/die Studierende das erfolgreiche Ableisten sämtlicher Module/Modulprüfungen des 1. Studienganges des Studienganges nachzuweisen.

The full-time elective catalogue also applies to part-time students.