

Examination Regulations

for

Sustainable Agriculture, B.Sc.

Faculty of Life Sciences

Rhine-Waal University of Applied Sciences

Dated 28 November 2018

In accordance with Section 2 (4) sentence 1 and Section 64 (1) of the Higher Education Act of North Rhine-Westphalia [*Hochschulgesetz NRW*], in the amended form produced by the Act for the Future Development of Universities [*Hochschulzukunftsgesetz*] of 16 September 2014 (GV.NRW. 2014, p. 547), last amended by the Act of 17 October 2017 (GV.NRW. 2017, p. 806) and the General Examination Regulations for Bachelor's and Master's Degree Programmes at Rhine-Waal University of Applied Sciences (RPO) from 3 January 2018 (Official Notices 07/2018), the Faculty Council of the Faculty of Life Sciences of Rhine-Waal University of Applied Sciences enacted the following examination regulations on 12 December 2018:

Contents

- Section 1 Applicability
- Section 2 Academic Objectives and Purpose of Examination, Bachelor's Degree
- Section 3 General Admission Requirements
- Section 4 Basic Internship
- Section 5 Programme Structure; Volume of Instruction Hours; Progression of Studies
- Section 6 Scope of Examinations
- Section 7 Scope and Form of the Thesis
- Section 8 Admission to the Thesis and Colloquium
- Section 9 Credit Values for the Thesis and Colloquium
- Section 10 Awarding of the Bachelor's Degree
- Section 11 Entry into Force / Transitional Provisions
- Annex 1

Section 1

Applicability

These examination regulations shall apply to Sustainable Agriculture B.Sc., offered in English by the Faculty of Life Sciences of Rhine-Waal University of Applied Sciences, 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 study), the dual-vocational, eight-semester mode of study (dual, or cooperative study) and the part-time, nine-semester mode of study for working professionals.

Section 2

Academic Objectives and Purpose of Examination, Bachelor's Degree

(1) The bachelor's examination forms the basis for this professionally-qualifying degree. Academic aims and objectives are outlined in Section 3 RPO. This degree programme aims to convey, in particular, application-oriented content on the basis of sound scientific knowledge and empower students to apply agricultural, natural scientific, social scientific and economic methodology and to develop solutions with practical relevance which go beyond traditional disciplinary boundaries. A strong command of the English language is essential to success in this degree programme, as it is a necessary prerequisite for the overarching goal of consolidating and expanding students' technical language and communication skills.

(2) The academic degree "Bachelor of Science", abbreviated as "B.Sc.", is awarded upon successful completion of the bachelor's examination.

Section 3

General Admission Requirements

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

(2) A "related or comparable programme of study" within the meaning of Section 4 (6) RPO is defined as any undergraduate (bachelor's or German "*Diplom*") degree programme at a university or university of applied sciences in Germany whose content largely and predominately falls under the mantle of agricultural science.

(3) For English language requirements, refer to Section 4 (5a) RPO.

(4) Applicants may request an exemption from the language certificate requirement defined in subsection 3 above. Requests are justified, for example, if an applicant is applying on the basis of secondary school examinations which were conducted in English and in one of the majority English-speaking countries 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, i.e. in 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 SWS (combined hours per week from all lecture periods in the standard study duration).
- (2) Curricular internships are mandatory parts of this degree programme.
- (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 study 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 full-time study at Rhine-Waal University follows this initial phase. During this time the student attends and completes modules at the University. A second vocational training phase commences in the third semester of study and concludes with a final vocational qualification examination. Both the vocational training position and the company offering it must relate to the student's field of study. The Faculty of Life Sciences is responsible for judging the relevance of a dual study arrangement. The vocational training portion generally concludes by the fifth semester of study with an examination at the Chamber of Agriculture. In the fourth and fifth semesters dual study students attend lectures at the University, but also attend courses at the vocational college on one day per week. The sixth semester is reserved for an internship or study abroad semester. Contrary to Section 5 (1) sentence 2 RPO, the standard period of study for dual study students in Sustainable Agriculture B.Sc. is eight semesters.
- (5) In the part-time study arrangement for this degree programme, professionals in the workforce can study on a part-time basis while continuing their career. In this mode of study, the regular content of the first two full-time semesters is taught instead over the course of four semesters; accordingly, the standard period of study is prolonged by two semesters to nine semesters total. During this initial period, part-time students attend two days of lectures at the University and spend the remaining three days in the workplace.
- (6) Additional information about how this degree programme is organised and about the type, form and scope of modules can be found in the attached study and examination plan (see annex). Additional information about learning outcomes, qualification aims, contents and forms of examination can be found 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 explicitly defined in the annex of these regulations.
- (8) In addition to the general prerequisites for admission to the internship or study abroad semester (Section 21 (2) RPO), students in this degree programme must have successfully completed all modules and module examinations scheduled for the first year of study.

Section 6

Scope of Examinations

- (1) The time allotted for a written examination depends on the number of weekly instruction hours (SWS) for the corresponding lecture. As a rule, 60 minutes shall be allotted for every two weekly instruction 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 is appropriate and helpful as additional documentation 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 permitted as group work if each student's individual contribution fulfils the requirements in Section 23 (1) RPO and is clearly distinguishable, and thus assessable, due to clear and distinct identification by section, page numbers or other criteria.
- (3) Contrary to Section 25 (2) RPO, the allotted timeframe 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 defined under Section 24 (1) RPO, students must also have obtained at least 180 credits.
- (2) In addition to the colloquium admission requirements defined under Section 27 (2) RPO, candidates must also have obtained at least 207 CP.

Section 9

Credit Values for the Thesis and Colloquium

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

Section 10

Awarding of the Bachelor's Degree

- (1) The bachelor's degree specified in Section 2 (2) is officially conferred with the issuing of the bachelor's degree certificate referred to in Section 30 (1) RPO.

Section 11

Entry into Force / Transitional Provisions

(1) These examination regulations shall enter into force on the day after their publication in the Official Notices 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 2019-20.

(2) Students who first enrolled in Sustainable Agriculture B.Sc. before winter semester 2019-20 may continue their studies according to the examination regulations dated 22 January 2013 (Official Notices 04/2013) until 28 February 2026 at the latest. Accordingly, the examination regulations dated 22 January 2013 (Official Notices 04/2013) shall expire on 1 March 2026.

(3) Students currently studying under the examination regulations dated 22 January 2013 (Official Notices 04/2013) may submit a written request to Examination Services (ZSB) to switch to the examination regulations defined in this document. The Faculty Examination Board is responsible for all credit recognition decisions for previously completed modules and examinations.

Note: *These examination regulations entered into force on 14 November 2019.*

Annex 1

Countries considered “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
- Great Britain and Northern Ireland
- United States of America

Annex 2

Recommended study and examination plan for Sustainable Agriculture B.Sc., full-time:

Module No / Modul-Nr.	Subjects / Module	Module Requirements Modulvoraussetzungen	CH / SWS	Type					Ex/Prüfung graded/benotet	Ex/Prüfung ungraded/unbenotet	CP*	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	ST / SS 6	WT / WS 7
SAg_01	Basics of Biology and Agroecology I Grundlagen der Biologie und Agroökologie I		4	3			1		P		5	4						
SAg_02	Sustainable Learning - Learning Sustainability Nachhaltiges Lernen - Nachhaltigkeit lernen		4	1	2	1			P	T	5	4						*
SAg_03	Agricultural Engineering I and Energy Use in Agriculture Agrartechnik I und Energienutzung in der Landwirtschaft		4	2		2			P		5	4						
SAg_04	Principles of Economics Grundlagen der Ökonomie		4	1	1	2			P		5	4						
SAg_05	Analysis and Interpretation of Data I Analyse und Interpretation von Daten I		4	2		2			P		5	4						
SAg_06	Agricultural Chemistry Agrarkulturchemie		4	2			2		P	T	5	4						*
SAg_07	Soil Science and Tillage Bodenkunde und Bodenbearbeitung		6	3		1	2		P	T	5	2	4					*
SAg_08	Organic and Biochemistry, Biotechnology Organische und Biochemie, Biotechnologie		4	2			2		P	T	5		4					*
SAg_09	Biology and Biodiversity Biologie und Biodiversität		4	2			2		P	T	5		4					*
SAg_10	Agricultural Engineering II and Agrotechnology Agrartechnik II und Agrartechnologie	SAg_03	4	2		2			P		5		4					
SAg_11	Agricultural Economics and Farm Management Agrarökonomie und Farmmanagement		4	1	1	2			P		5		4					
SAg_12	Basics of Animal Sciences Grundlagen der Nutztierwissenschaften		4	3			1		P	T	5		4					*
SAg_13	International Markets, Trade and Agricultural Policy Internationale Märkte, Handel und Agrarpolitik		4	1	3				P	T	5			4				*
SAg_14	Climate Change and Water Management Klimawandel und Wassermanagement		4	4					P		5			4				
SAg_15	Crop Physiology and Nutrition Pflanzenphysiologie und -ernährung	SAg_01 SAg_06	5	3			2		P	T	5			5				*
SAg_16	Crop Health I Pflanzengesundheit I		4	4					P		5			4				
SAg_17	Analysis and Interpretation of Data II Analyse und Interpretation von Daten II		4	2		2			P		5			4				
SAg_18	Animal Husbandry and Health Haltung, Zucht und Gesundheit von Tieren	SAg_12	4	2			2		P	T	5			4				*
SAg_19	Agroecology II and Agronomy Agrarökologie II und Agronomie	SAg_09 SAg_15	4	2	1	1			P		5				4			
SAg_20	Rural Development and Sustainable Behaviour Ländliche Entwicklung und nachhaltiges Verhalten		4	1	2	1			P	T	5				4			*
SAg_21	Horticulture and Agroforestry Gartenbau und Agroforst		5	3			2		P	T	5				5			*
SAg_22	Project Projekt		4					4		T	5					4		
SAg_23	Elective modules 1 Wahlpflichtkatalog 1		8	4	4				P		10					8		
SAg_24	Ethics in Life Sciences Ethik in den Lebenswissenschaften		3	1	2				P		5						3	
SAg_25	Sustainability and Agri-food Chains Nachhaltigkeit und Agri-food Wertschöpfungsketten		4	1		1	2		P		5					4		
SAg_26	Natural Resources and Environmental Economics Ressourcen- und Umweltökonomie	SAg_04	4	1	1	2			P		5					4		
SAg_27	Animal Welfare Tiergerechtigkeit	SAg_12 SAg_18	4	2		2			P		5					4		
SAg_28	Elective modules 2 Wahlpflichtkatalog 2		8	4	4				P		10						8	
SAg_29	Internship or Study Abroad Praxissemester oder Auslandsstudiensemester	min. 90 ECTS**								T	30							X
SAg_30	Academic Methods and Principles Wissenschaftliches Arbeiten		4		2	2				T	5							4
SAg_31	Elective Modules 3 Wahlpflichtkatalog 3		8		4			4		T	10							8
SAg_32	Bachelor Thesis Bachelorarbeit	min. 180 ECTS							P		12							X
SAg_33	Colloquium Kolloquium	207 ECTS							P		3							X
total credit hours // Semesterwochenstunden			135	59	27	23	16	10				26	24	25	25	23		12
Credit Points												30	30	30	30	30	30	60
														150				210

Abbreviations: // Abkürzungen

CH = credit hours per week // Semesterwochenstunden
 WS = winter term // Wintersemester
 SS = summer term // Sommersemester
 Ex/Prüf = type of examination // Prüfungsart
 CP = credit points (= ECTS-points)
 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

*ECTS will only be credited after completing all parts of the module.

ECTS werden erst nach vollständigem Ableisten aller Moduleile gutgeschrieben.

** 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.

	total	1 Sem	2 Sem	3 Sem	4 Sem	5 Sem	6 Sem	7 Sem
CH	135	26	24	25	25	23	0	12
CP	210	30	30	30	30	30	30	30

Elective Catalogue

Elective modules 1		SWS	Ex	CP	
Wahlpflichtkatalog 1					
SAg_23.1	Focus Field Animal Sciences and Aquaponics Schwerpunkt Tierwissenschaften und Aquaponik 1	4	P	5	
SAg_23.2	Focus Field Plant and Soil Sciences Schwerpunkt Pflanzen- und Bodenwissenschaften 1	4	P	5	
SAg_23.3	Focus Field Analysis of Sustainability and Food Sciences 1 Schwerpunkt Nachhaltigkeitsanalyse und Lebensmittelwissenschaften 1	4	P	5	
SAg_23.4	Focus Field Economics and Social Sciences 1 Schwerpunkt Wirtschafts- und Sozialwissenschaften 1	4	P	5	
SAg_23.5	Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences Wahlmöglichkeit Angebot Fakultät Life Sciences Bachelorstudiengänge	4	P	5	***
2 elective modules amount to		8		10	
Elective modules 2		SWS	Ex	CP	
Wahlpflichtkatalog 2					
SAg_28.1	Focus Field Animal Sciences and Aquaponics Schwerpunkt Tierwissenschaften und Aquaponik 2	4	P	5	
SAg_28.2	Focus Field Plant and Soil Sciences Schwerpunkt Pflanzen- und Bodenwissenschaften 2	4	P	5	
SAg_28.3	Focus Field Analysis of Sustainability and Food Sciences 2 Schwerpunkt Nachhaltigkeitsanalyse und Lebensmittelwissenschaften 2	4	P	5	
SAg_28.4	Focus Field Economics and Social Sciences 2 Schwerpunkt Wirtschafts- und Sozialwissenschaften 2	4	P	5	
SAg_28.5	Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences Wahlmöglichkeit Angebot Fakultät Life Sciences Bachelorstudiengänge	4	P	5	***
2 elective modules amount to		8		10	
Elective modules 3		SWS	Ex	CP	
Wahlpflichtkatalog 3					
SAg_31.1	Project reg. Academic Principles and Methods in preparation of Bachelor Thesis Projekt zum Wissenschaftlichen Arbeit in der Vorbereitung der Bachelorarbeit	8	T	10	
SAg_31.2	Language Course Sprachkurs	4	T	5	***
SAg_31.3	Module from catalogue 1 and 2 of study programme Wahlmöglichkeit aus Wahlpflichtkatalog 1 und 2 des Studiengangs	4	P	5	
SAg_31.4	Module from any Bachelor Study Course at Rhine-Waal University of Applied Sciences Wahlmöglichkeit Angebot HRW Bachelorstudiengänge	4	P	5	***
1-2 elective modules amount to		8		10	

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 unberührt.

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. / Die konkrete Auswahl aus dem Studienangebot bedarf der Zustimmung des Prüfungsausschussvorsitzenden. /

Recommended study and examination plan for Sustainable Agriculture B.Sc., part-time:

												Part Time Study // Berufsbegleitendes Studium										
Module No./ Modul-Nr.	Subjects / Module	Module Requirements Modulvoraus- setzungen	CH/ SWS	Type					Ex/Prü benotet	attestati on/Test at	CP*	CH / SWS										
				L/V	S	E/Ü	LC/Pr	Pro				WT / WS 1	ST / SS 2	WT / WS 3	ST / SS 4	WT / WS 5	ST / SS 6	WT / WS 7	WT / WS 8	WT / WS 9		
SAg_01	Basics of Biology and Agroecology I Grundlagen der Biologie und Agroökologie I		4	3			1		P		5	4										
SAg_02	Sustainable Learning - Learning Sustainability Nachhaltiges Lernen - Nachhaltigkeit lernen		4	1	2	1			P	T	5	4										
SAg_03	Agricultural Engineering I and Energy Use in Agriculture Agrartechnik I und Energienutzung in der Landwirtschaft		4	2		2			P		5			4								
SAg_04	Principles of Economics Grundlagen der Ökonomie		4	1	1	2			P		5			4								
SAg_05	Analysis and Interpretation of Data I Analyse und Interpretation von Daten I		4	2		2			P		5	4										
SAg_06	Agricultural Chemistry Agrikulturchemie		4	2			2		P	T	5	4										
SAg_07	Soil Science and Tillage Bodenkunde und Bodenbearbeitung		6	3		1	2		P	T	5	2	4									
SAg_08	Organic and Biochemistry, Biotechnology Organische und Biochemie, Biotechnologie		4	2			2		P	T	5		4									
SAg_09	Biology and Biodiversity Biologie und Biodiversität		4	2			2		P	T	5		4									
SAg_10	Agricultural Engineering II and Agrotechnology Agrartechnik II und Agrartechnologie	SAg_03	4	2		2			P		5				4							
SAg_11	Agricultural Economics and Farm Management Agrarökonomie und Farmmanagement		4	1	1	2			P		5				4							
SAg_12	Basics of Animal Sciences Grundlagen der Nutztierwissenschaften		4	3			1		P	T	5		4									
SAg_13	International Markets, Trade and Agricultural Policy Internationale Märkte, Handel und Agrarpolitik		4	1	3				P	T	5					4						
SAg_14	Climate Change and Water Management Klimawandel und Wassermanagement		4	4					P		5					4						
SAg_15	Crop Physiology and Nutrition Pflanzenphysiologie und -ernährung	SAg_01 SAg_06	5	3			2		P	T	5			5								
SAg_16	Crop Health I Pflanzengesundheit I		4	4					P		5					4						
SAg_17	Analysis and Interpretation of Data II Analyse und Interpretation von Daten II		4	2		2			P		5			4								
SAg_18	Animal Husbandry and Health Haltung, Zucht und Gesundheit von Tieren	SAg_12	4	2			2		P	T	5							4				
SAg_19	Agroecology II and Agronomy Agrarökologie II und Agronomie	SAg_09 SAg_15	4	2	1	1			P		5						4					
SAg_20	Rural Development and Sustainable Behaviour Ländliche Entwicklung und nachhaltiges Verhalten		4	1	2	1			P	T	5				4							
SAg_21	Horticulture and Agroforestry Gartenbau und Agroforst		5	3			2		P	T	5						5					
SAg_22	Project Projekt		4					4		T	5				4							
SAg_23	Elective modules 1 Wahlpflichtkatalog 1		8	4	4				P		10						8					
SAg_24	Ethics in Life Sciences Ethik in den Lebenswissenschaften		3	1	2				P		5							3				
SAg_25	Sustainability and Agri-food Chains Nachhaltigkeit und Agri-food Wertschöpfungsketten		4	1		1	2		P		5									4		
SAg_26	Natural Resources and Environmental Economics Ressourcen- und Umweltökonomie	SAg_04	4	1	1	2			P		5							4				
SAg_27	Animal Welfare Tiergerechtigkeit	SAg_12 SAg_18	4	2		2			P		5							4				
SAg_28	Elective modules 2 Wahlpflichtkatalog 2		8	4	4				P		10					4		4				
SAg_29	Internship or Study Abroad Praxissemester oder Auslandsstudiensemester	min. 90 ECTS**								T	30				X							
SAg_30	Academic Methods and Principles Wissenschaftliches Arbeiten		4		2	2				T	5									4		
SAg_31	Elective Modules 3 Wahlpflichtkatalog 3		8		4			4		T	10									8		
SAg_32	Bachelor Thesis Bachelorarbeit	min. 180 ECTS							P		12								X			
SAg_33	Colloquium Kolloquium	207 ECTS							P		3									X		
total credit hours // Semesterwochenstunden			135	59	27	23	16	10			210	18	16	17	16	16	17	19	0	16		
													20	20	20	20	20	20	25	42	23	
													Credit Points									
													145									
													210									

Abbreviations: // Abkürzungen
 CH = credit hours per week // SWS = Semesterwochenstunden
 WS = winter term // Wintersemester
 SS = summer term // Sommersemester
 Ex/Prü = type of examination // Prüfungsart
 CP = credit points (= ECTS-points)
 L/V = Lecture // Vorlesung
 S = seminar // Seminar
 E/Ü = exercise // Übung
 LC/Pr = lab course // Praktikum
 Pro = project // Projekt
 T = certificate // Testat (unbenotet)
 P = examination (graded) // benotete Prüfung

*ECTS will only be credited after completing all parts of the module.

ECTS werden erst nach vollständigem Ableisten aller Moduleile gutgeschrieben.

** 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.

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
CP	210	20	20	20	20	20	20	25	42

Electives are identical to the full-time study plan.

Recommended study and examination plan for Sustainable Agriculture B.Sc., dual study:

Module No./ Modul-Nr.	Subjects / Module	Module Require- ments Modulvo	CH/ SWS	L/V	Type				Ex/Prü graded/ benotet	attestati on/Test at	CP*		CH / SWS										
					S	E/Ü	LC/Pr	Pro					WT / WS 1	ST / SS 2	WT / WS 3	ST / SS 4	WT / WS 5	ST / SS 6	WT / WS 7	ST / SS 8			
SAg_01	Basics of Biology and Agroecology I Grundlagen der Biologie und Agroökologie I		4	3			1		P		5	im Ausbildungsbetrieb	4		im Ausbildungsbetrieb								
SAg_02	Sustainable Learning - Learning Sustainability Nachhaltiges Lernen - Nachhaltigkeit lernen		4	1	2	1			P	T	5		4										
SAg_03	Agricultural Engineering I and Energy Use in Agriculture Agrartechnik I und Energienutzung in der Landwirtschaft		4	2		2			P		5		4										
SAg_04	Principles of Economics Grundlagen der Ökonomie		4	1	1	2			P		5		4										
SAg_05	Analysis and Interpretation of Data I Analyse und Interpretation von Daten I		4	2		2			P		5		4										
SAg_06	Agricultural Chemistry Agrarkulturchemie		4	2			2		P	T	5		4										
SAg_07	Soil Science and Tillage Bodenkunde und Bodenbearbeitung		6	3		1	2		P	T	5		2	4									
SAg_08	Organic and Biochemistry, Biotechnology Organische und Biochemie, Biotechnologie		4	2			2		P	T	5			4									
SAg_09	Biology and Biodiversity Biologie und Biodiversität		4	2			2		P	T	5			4									
SAg_10	Agricultural Engineering II and Agroecology Agrartechnik II und Agrartechnologie	SAg_03	4	2		2			P		5			4									
SAg_11	Agricultural Economics and Farm Management Agrarökonomie und Farmmanagement		4	1	1	2			P		5			4									
SAg_12	Basics of Animal Sciences Grundlagen der Nutztierwissenschaften		4	3			1		P	T	5			4									
SAg_13	International Markets, Trade and Agricultural Policy Internationale Märkte, Handel und Agrarpolitik		4	1	3				P	T	5							4					
SAg_14	Climate Change and Water Management Klimawandel und Wassermanagement		4	4					P		5							4					
SAg_15	Crop Physiology and Nutrition Pflanzenphysiologie und -ernährung	SAg_01 SAg_06	5	3			2		P	T	5							5					
SAg_16	Crop Health I Pflanzengesundheit I		4	4					P		5							4					
SAg_17	Analysis and Interpretation of Data II Analyse und Interpretation von Daten II		4	2		2			P		5							4					
SAg_18	Animal Husbandry and Health Haltung, Zucht und Gesundheit von Tieren	SAg_12	4	2			2		P	T	5							4					
SAg_19	Agroecology II and Agronomy Agrarökologie II und Agronomie	SAg_09 SAg_15	4	2	1	1			P		5					4							
SAg_20	Rural Development and Sustainable Behaviour Ländliche Entwicklung und nachhaltiges Verhalten		4	1	2	1			P	T	5						4						
SAg_21	Horticulture and Agroforestry Gartenbau und Agroforst		5	3			2		P	T	5						5						
SAg_22	Project Projekt		4					4		T	5						4						
SAg_23	Elective modules 1 Wahlpflichtkatalog 1		8	4	4				P		10							8					
SAg_24	Ethics in Life Sciences Ethik in den Lebenswissenschaften		3	1	2				P		5										3		
SAg_25	Sustainability and Agri-food Chains Nachhaltigkeit und Agri-food Wertschöpfungsketten		4	1		1	2		P		5										4		
SAg_26	Natural Resources and Environmental Economics Ressourcen- und Umweltökonomie	SAg_04	4	1	1	2			P		5										4		
SAg_27	Animal Welfare Tiergerechtigkeit	SAg_12 SAg_18	4	2		2			P		5										4		
SAg_28	Elective modules 2 Wahlpflichtkatalog 2		8	4	4				P		10										8		
SAg_29	Internship or Study Abroad Praxissemester oder Auslandsstudiensemester	min. 90 ECTS**								T	30									X			
SAg_30	Academic Methods and Principles Wissenschaftliches Arbeiten		4		2	2				T	5											4	
SAg_31	Elective Modules 3 Wahlpflichtkatalog 3		8		4			4		T	10											8	
SAg_32	Bachelor Thesis Bachelorarbeit	min. 180 ECTS							P		12											X	
SAg_33	Colloquium Kolloquium	207 ECTS							P		3											X	
total credit hours // Semesterwochenstunden			135	59	27	23	16	10					26	24		25	25		23	30	12		
Credit Points													30	30		30	30		30	30			
														120					90				
															210								

Abbreviations: // Abkürzungen

CH = credit hours per week // SWS = Semesterwochenstunden

WS = winter term // Wintersemester

SS = summer term // Sommersemester

Ex/Prü = type of examination // Prüfungsart

CP = credit points (= ECTS-points)

L/V = Lecture // Vorlesung

S = seminar // Seminar

E/Ü = exercise // Übung

LC/Pr = lab course // Praktikum

Pro = project // Projekt

T = certificate // Testat (unbenotet)

P = examination (graded) // benotete Prüfung

*ECTS will only be credited after completing all parts of the module.

ECTS werden erst nach vollständigem Ableisten aller Moduleile gutgeschrieben.

** 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.

	total	1.Sem	2.Sem	3.Sem	4.Sem	5.Sem	6.Sem	7.Sem
CH	135	26	24	25	25	23	12	
CP	210	30	30	30	30	30	30	

Electives are identical to the full-time study plan.