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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)

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Dated 26 January 2026
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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) as well as the nine-semester, part-time mode of study for working professionals.

Section 2

Academic objectives; purpose of examination; degree awarded

(1) The bachelor's examination (*Bachelorprüfung*) forms the basis for the professionally qualifying nature of this bachelor's degree. The academic aims and objectives of this degree programme 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 English is key to success in this degree programme, as it provides the essential basis for the programme's continuous objective of expanding and honing students' professional language skills.

(2) The academic degree "Bachelor of Science", abbreviated as "B.Sc.", 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) Acceptable proof of English proficiency is defined in Section 4 (5a) 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 will decide on these requests.

Section 4

Basic internship

Proof of completion of a basic internship within the meaning of Section 4 (3) RPO is not required.

Section 5

Programme structure; Volume of instruction hours; Progression of studies

(1) The total volume of instruction for this degree programme is 131 contact hours per week (CH, or SWS in German).

(2) Curricular excursions, language courses, practical training courses or tutorials have mandatory attendance. Courses with mandatory attendance are marked with an asterisk (*) in the study and examination plan for the degree programme.

(2a) Mandatory attendance per subsection 2 is defined as attending at least 75% of the course. 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 (e.g., 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. 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) Intentionally omitted.

(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 module guide, which is available for viewing in the faculty's central office.

(7) Examinations are completed over the course of study. Registration for examinations requires proof of completion of any prerequisites, in particular module examinations, insofar as these are defined in the annex as prerequisites in order to complete a specific module and/or register for lectures in a specific module.

(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 from 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 takes between 30 and 45 minutes.
- (3) The text portion of an assignment, term paper or project should not exceed 30 pages (DIN A4).
- (4) In justified cases and upon request, specific module examinations can be completed in German. Requests must be submitted to the Examination Board no later than when registering for admission to the thesis. The decision will be issued together with the permission to attend the exam in question.

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 be supplemented with other media, provided the use thereof as additional documentation is appropriate and helpful in accordance with 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 separation by sections, page numbers or other criteria.
- (3) Deviating from Section 25 (2) RPO, the allotted period for completing the thesis for part-time students is six months.
- (4) In justified cases and upon request, the thesis can be submitted in German. Requests must be submitted to the Examination Board no later than when registering for admission to the thesis. The decision will be issued together with the permission to begin the thesis.

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, students must have obtained 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
Conferral 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 of the German-language original 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 2026-2027.

(2) Students who first enrolled in Sustainable Agriculture, B.Sc. before winter semester 2023-24 may continue their studies under the examination regulations dated 28 November 2018 (Official Notice 38/2019) until no later than 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 herein. The Examination Board is responsible for all credit recognition decisions for modules and examinations completed under previous examination regulations. Upon expiry of the examination regulations dated 28 November 2018, any students still studying thereunder will officially and automatically continue their studies under the present examination regulations.

Note: These examination regulations entered into force in their present version on 21 February 2026.

Annex 1

Countries defined as “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

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

Curriculum Sustainable Agriculture, B.Sc.

Module Code	Modules	Module Requirements	CH	Type						Exam graded	attestation	ECTS points*	CH										
				L	S	E	LC	Pro	WT 1				ST 2	WT 3	ST 4	WT 5	ST 6	WT 7					
SA 1 4602	Sustainable Learning - Learning Sustainability		3	1	1	1				P	T	5	3										*
SA 1 4804	Principles of Economics		4	1	1	2				P		5	4										
SA 1 4805	Analysis and Interpretation of Data I		4	2		2				P		5	4										
SA 1 4807	Basics of Biology and Agroecology		5	2	1		2			P	T	5	5										*
SA 1 4608	Agricultural Engineering I and Energy Use in Agriculture		4	2		2				P		5	4										
SA 1 4809	Agricultural Chemistry		4	2			2			P	T	5	4										*
SA 1 4810	Soil Science		6	3		1	2			P	T	5	2	4									*
SA 2 4811	Biology and Biodiversity		4	2			2			P	T	5		4									*
SA 2 4825	Agricultural Economics and Farm Management		4	1	1	2				P		5		4									*
SA 2 4827	Organic and Biochemistry, Biotechnology		4	2			2			P	T	5		4									*
SA 2 4828	Agricultural Engineering II and Agrotechnology		4	2		2				P		5		4									*
SA 2 4837	Basics of Animal Anatomy, Physiology and Nutrition		4	2	1		1			P	T	5		4									*
SA 3 4841	International Markets, Trade and Agricultural Policy		4	1	3					P	T	5			4								*
SA 3 4845	Analysis and Interpretation of Data II		4	2		2				P		5			4								
SA 3 4847	Climate Change and Water Management		4	4						P		5			4								
SA 3 4848	Crop Physiology and Nutrition		5	3			2			P	T	5			5								*
SA 3 4850	Animal Husbandry and Health		4	2	0,5		1,5			P	T	5			4								*
SA 3 4862	Crop Health and Agrobiodiversity		4	2		2				P		5			4								*
SA 4 4824	Rural Development and Sustainable Behaviour		4	1	2	1				P	T	5				4							*
SA 4 4874	Project		4					4			T	5				4							*
SA 4 4876	Horticulture and Agroforestry		5	3			2			P	T	5				5							*
SA 4 4883	Sustainable Land Use Systems		4	2	1	1				P		5			4								
	Elective modules		24									30			8	8							
SA 5 4844	Natural Resources and Environmental Economics		4	1	1	2				P		5				4							
SA 5 4921	Ethics in Life Sciences		3	1	2					P		5				3							
SA 5 4922	Sustainability and Agri-food Chains		4	1		1		2		P		5				4							
SA 5 4925	Animal Welfare		4	2		2				P		5				4							
SA 6 4991	Internship or Study Abroad	min. 90 ECTS points **									T	30									X		
SA 7 4993	Bachelor Thesis	min. 180 ECTS points								P		12											X
SA 7 4994	Colloquium	207 ECTS points								P		3											X
SA 7 4995	Applied Excursions										T	5											
	total credit hours		131	47	14,5	23	16,5	6				210	26	24	25	25	23					8	
												ECTS points	30	30	30	30	30	30	30	30	30	60	
																						210	

	total	1.Sem	2.Sem	3.Sem	4.Sem	5.Sem	6.Sem	7.Sem
CH	131	26	24	25	25	23		8
ECTS points	210	30	30	30	30	30	30	30

Abbreviations:

CH = credit hours per week

E = exercise

ECTS points = European Credit Transfer System of Credit Points

L = Lecture

LC = lab course

P = examination (graded)

Pro = project

S = seminar

ST = summer term

T = attestation (passed)

WT = winter term

* ECTS points are only credited after all module parts have been successfully completed.

** 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.

Elective catalogue (full-time)

Module Code	Elective modules			Type					Exam graded	attestati on	ETCS points	CH		
				L	S	E	LC	Pro				ST	WT	
SA 4 4911	Organic Farming		4	1	2	1			P		5	4		
SA 4 4912	Phytomedicine		4				4		P	T	5	4		*
SA 4 4913	Applied Animal Husbandry and Feeding Systems		4	1	2	1			P		5	4		
SA 4 4914	Innovative Solutions for Sustainable Land Use		4		2			2	P		5	4		
SA 4 4915	Education for Sustainable Development		4	1	2	1			P		5	4		
SA 4 4021	Strategy and Management		4	1	2	1			P		5	4		
SA 4 4023	Financial Accounting		4	1	1	2			P		5	4		
SA 4 4026	Supply Chain Management		4	1	1	2			P		5	4		
SA 4 4072	Entrepreneurship and Innovation Management		4	2	1	1			P		5	4		
SA 4 4073	Market Research		4	1	1	2			P		5	4		
SA 5 4963	Soil Ecology		4				4		P		5		4	
SA 5 4964	Sustainability and Herd Health in Livestock Farming		4	1	2	1			P		5		4	
SA 5 4965	Ecological Modelling		4		2	2			P		5		4	
SA 5 4966	Environmental Protection and Renewable Energy		4	2	1	1			P		5		4	
SA 5 4968	Plant Environmental Biochemistry		4					4	P	T	5		4	*
SA 5 4001	Marketing		4	2		2			P		5		4	
SA 5 4018	Extension and Communication		4	2	1	1			P	T	5		4	*
SA 5 4042	Quality of Plant and Animal Products		4	2		2			P		5		4	
SA 5 4043	Environmental, Agricultural and Food Law		4	2	2				P		5		4	
SA 5 4046	Management Accounting		4	1	1	2			P		5		4	
SA 5 4123	Food Processing and Human Nutrition		4	2			2		P	T	5		4	*
SA 5 4124	Integrated Management Systems		4	1	1	2			P		5		4	
SA 7 4971	Project reg. Academic Principles and Methods in preparation of Bachelor Thesis		8							T	10		8	
SA 7 550	Language Course		4							T	5		4	***
SA 4 WPF_1	Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences		4						P		5	4		***
SA 5 WPF_2	Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences		4						P		5		4	***
SA 7 WPF_3	Module from any Bachelor Study Course at Rhine-Waal University of Applied Sciences		4						P		5		4	
SA 7 WPF_4	Module from any Bachelor Study Course at Rhine-Waal University of Applied Sciences		4						P		5		4	***
5-6 elective modules amount to			24								30			

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.

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.

*** 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.

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

Curriculum Sustainable Agriculture, B.Sc.

Module Code	Modules	Module Requirements	CH	Type						Exam		ECTS points*	part time study													
				L	S	E	LC	Pro	graded	attestation	CH															
				WT 1	ST 2	WT 3	ST 4	WT 5	ST 6	WT 7	ST 8		WT 9													
SA 1 4802	Sustainable Learning - Learning Sustainability		3	1	1	1			P	T	5	3										*				
SA 1 4804	Principles of Economics		4	1	1	2			P		5	4														
SA 1 4805	Analysis and Interpretation of Data I		4	2		2			P		5	4														
SA 1 4807	Basics of Biology and Agroecology		5	2	1		2		P	T	5	5											*			
SA 1 4808	Agricultural Engineering I and Energy Use in Agriculture		4	2		2			P		5	4											*			
SA 1 4809	Agricultural Chemistry		4	2			2		P	T	5	4											*			
SA 1 4810	Soil Science		6	3		1	2		P	T	5	2	4										*			
SA 2 4811	Biology and Biodiversity		4	2			2		P	T	5	4											*			
SA 2 4825	Agricultural Economics and Farm Management		4	1	1	2			P		5	4											*			
SA 2 4827	Organic and Biochemistry, Biotechnology		4	2			2		P	T	5	4											*			
SA 2 4828	Agricultural Engineering II and Agrotechnology		4	2		2			P		5	4											*			
SA 2 4837	Basics of Animal Anatomy, Physiology and Nutrition		4	2	1		1		P	T	5	4											*			
SA 3 4841	International Markets, Trade and Agricultural Policy		4	1	3				P	T	5		4										*			
SA 3 4845	Analysis and Interpretation of Data II		4	2		2			P		5		4										*			
SA 3 4847	Climate Change and Water Management		4	4					P		5		4										*			
SA 3 4848	Crop Physiology and Nutrition		5	3			2		P	T	5		5										*			
SA 3 4850	Animal Husbandry and Health		4	2	0,5		1,5		P	T	5		4										*			
SA 3 4862	Crop Health and Agrobiodiversity		4	2		2			P		5		4										*			
SA 4 4824	Rural Development and Sustainable Behaviour		4	1	2	1			P	T	5			4									*			
SA 4 4874	Project		4					4		T	5			4									*			
SA 4 4876	Horticulture and Agroforestry		5	3			2		P	T	5			5									*			
SA 4 4883	Sustainable Land Use Systems		4	2	1	1			P		5		4										*			
	Elective modules		24								30			8	8		8						*			
SA 5 4844	Natural Resources and Environmental Economics		4	1	1	2			P		5			4									*			
SA 5 4921	Ethics in Life Sciences		3	1	2				P		5			3									*			
SA 5 4922	Sustainability and Agri-food Chains		4	1		1	2		P		5			4									*			
SA 5 4925	Animal Welfare		4	2		2			P		5			4									*			
	Internship or Study Abroad	min. 90 ECTS points **								T	30					X							*			
SA 7 4993	Bachelor Thesis	min. 180 ECTS points							P		12								X				*			
SA 7 4994	Colloquium	207 ECTS points							P		3								X				*			
	Applied Excursions									T	5					X							*			
total credit hours			131	47	14,5	23	16,5	6				26	24	25	25	23	0	8		30	30					
											ECTS points		20	20	20	25	20	20	20	25	30	60				
													210													

total	1.Sem	2.Sem	3.Sem	4.Sem	5.Sem	6.Sem	7.Sem	8.Sem	9.Sem
CH	131	26	24	25	25	23	0	8	0
ECTS points	210	20	20	20	25	20	20	25	30

Abbreviations:

CH = credit hours per week

E = exercise

ECTS points = European Credit Transfer System of Credit Points

L = Lecture

LC = lab course

P = examination (graded)

Pro = project

S = seminar

ST = summer term

T = attestation (passed)

WT = winter term

* ECTS points are only credited after all module parts have been successfully completed.

** 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.

Elective catalogue (part-time)

Module Code	Elective modules			Type					Exam graded	attestation	ETCS points	part time study		CH
				L	S	E	LC	Pro				ST	WT	
SA 4 4911	Organic Farming		4	1	2	1			P		5	4		
SA 4 4912	Phytomedicine		4				4		P	T	5	4		*
SA 4 4913	Applied Animal Husbandry and Feeding Systems		4	1	2	1			P		5	4		
SA 4 4914	Innovative Solutions for Sustainable Land Use		4		2			2	P		5	4		
SA 4 4915	Education for Sustainable Development		4	1	2	1			P		5	4		
SA 4 4021	Strategy and Management		4	1	2	1			P		5	4		
SA 4 4023	Financial Accounting		4	1	1	2			P		5	4		
SA 4 4026	Supply Chain Management		4	1	1	2			P		5	4		
SA 4 4072	Entrepreneurship and Innovation Management		4	2	1	1			P		5	4		
SA 4 4073	Market Research		4	1	1	2			P		5	4		
SA 5 4963	Soil Ecology		4				4		P		5		4	
SA 5 4964	Sustainability and Herd Health in Livestock Farming		4	1	2	1			P		5		4	
SA 5 4965	Ecological Modelling		4		2	2			P		5		4	
SA 5 4966	Environmental Protection and Renewable Energy		4	2	1	1			P		5		4	
SA 5 4968	Plant Environmental Biochemistry		4					4	P	T	5		4	*
SA 5 4001	Marketing		4	2		2			P		5		4	
SA 5 4018	Extension and Communication		4	2	1	1			P	T	5		4	*
SA 5 4042	Quality of Plant and Animal Products		4	2		2			P		5		4	
SA 5 4043	Environmental, Agricultural and Food Law		4	2	2				P		5		4	
SA 5 4046	Management Accounting		4	1	1	2			P		5		4	
SA 5 4123	Food Processing and Human Nutrition		4	2			2		P	T	5		4	*
SA 5 4124	Integrated Management Systems		4	1	1	2			P		5		4	
SA 7 4971	Project reg. Academic Principles and Methods in preparation of Bachelor Thesis		8							T	10		8	
SA 7 550	Language Course		4							T	5		4	***
SA 4 WPF_1	Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences		4						P		5	4		***
SA 5 WPF_2	Module from any Bachelor Study Course of the Faculty of Life Sciences at Rhine-Waal University of Applied Sciences		4						P		5		4	***
SA 7 WPF_3	Module from any Bachelor Study Course at Rhine-Waal University of Applied Sciences		4						P		5		4	
SA 7 WPF_4	Module from any Bachelor Study Course at Rhine-Waal University of Applied Sciences		4						P		5		4	***
5-6 elective modules amount to			24								30			

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.

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.

*** 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.