

AGFOREE Degree Structure

Valid from 1.8.2020

Doctoral programme in in sustainable use of renewable natural resources

Complete the thesis along with 30 credits of scientific content studies and 10 credits of transferable skills studies

	Code	Credits	Optional/Compulsory	Information	Who verifies the credits?
Doctoral thesis	AGFO-999		Compulsory		
Scientific content studies (A + B)	AGFO-998	30 ECTS	Compulsory	Complete 30 credits of scientific content studies	Coordinating academic (appointed when granted study rights)
Transferable skills studies	YEB-997	10 ECTS	Compulsory	Complete 10 credits of transferable skills studies	Coordinating academic (appointed when granted study rights)

	Code	Credits	Optional/Compulsory	Information	Who can award the credits?
A) Studies in AGFOREE's fields of science		20 ECTS	Compulsory	Complete 20 credits of studies in AGFOREE's fields of science	
1) Theoretical studies in the field of the thesis		1-15 ECTS	Compulsory	Complete at least 10 credits	
Theoretical studies 1	AGFO-101	1-5 ECTS	Optional		Course teacher
Theoretical studies 2	AGFO-102	1-5 ECTS	Optional		Course teacher
Theoretical studies 3	AGFO-103	1-5 ECTS	Optional		Course teacher
Theoretical studies 4	AGFO-104	1-5 ECTS	Optional		Course teacher
Theoretical studies 5	AGFO-105	1-5 ECTS	Optional		Course teacher
2) Methodological studies in the field of the thesis		2-10 ECTS	Compulsory	Complete at least 5 credits	
Statistical methods	AGFO-301	2-10 ECTS	Optional	Any relevant statistical course can be taken	Course teacher/supervisor/coordinating academic
Mathematical methods	AGFO-302	2-10 ECTS	Optional		Course teacher/supervisor/coordinating academic
Programming	AGFO-303	2-10 ECTS	Optional		Course teacher/supervisor/coordinating academic
Laboratory and field measurements	AGFO-304	2-10 ECTS	Optional		Course teacher/supervisor/coordinating academic
Qualitative methods	AGFO-305	2-10 ECTS	Optional		Course teacher/supervisor/coordinating academic
B) Studies supporting the scientific discipline		10 ECTS	Compulsory	Complete 10 credits of studies supporting the scientific discipline	
Research ethics	PHD-401	1-2 ECTS	Compulsory	Complete at least 1 credit	Course teacher
AGFOREE orientation	AGFO-001	1 ECTS	Compulsory	Complete within the first 6 months	AGFOREE office
Thesis advisory committee meeting 1	AGFO-201	0 ECTS	Compulsory	Complete within the first 4 months	AGFOREE office
Thesis advisory committee meeting 2	AGFO-202	0 ECTS	Compulsory	Complete one year after the previous meeting	AGFOREE office
Thesis advisory committee meeting 3	AGFO-203	0 ECTS	Compulsory	Complete one year after the previous meeting	AGFOREE office
Thesis advisory committee meeting 4	AGFO-204	0 ECTS	Compulsory	Complete one year after the previous meeting	AGFOREE office
Scientific conferences		1-3 ECTS	Compulsory	Complete at least 1 credit (1 credit per conference/meeting)	
Scientific conference 1	AGFO-401	1 ECTS	Compulsory		Supervisor/coordinating academic
Scientific conference 2	AGFO-402	1 ECTS	Optional		Supervisor/coordinating academic
Scientific conference 3	AGFO-403	1 ECTS	Optional		Supervisor/coordinating academic
Research seminar		2-4 ECTS	Compulsory	Complete at least 2 credits	
Research seminar 1	AGFO-106	2 ECTS	Compulsory	1 talk + 1 chair=1 ECTS, 12 attendances at any research seminars=1 ECTS	AGFOREE office/supervisor/coordinating academic
Research seminar 2	AGFO-107	2 ECTS	Optional	1 talk=1 ECTS, 12 attendances at any research seminars=1 ECTS	AGFOREE office/supervisor/coordinating academic
Other optional studies		1-6 ECTS	Optional		
Teaching	AGFO-108	1-3 ECTS	Optional		Course teacher/supervisor/coordinating academic
Thesis supervision & mentoring	AGFO-109	1-3 ECTS	Optional		Supervisor/coordinating academic
Publications outside the thesis	AGFO-501 & -502	2-4 ECTS	Optional	2 credits/publication	Supervisor/coordinating academic
Research visits	AGFO-503, -504 & -505	1-3 ECTS	Optional		Supervisor/coordinating academic
Other relevant courses	AGFO-009	1-10 ECTS	Optional		Supervisor/coordinating academic

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Transferable skills studies	YEB-997	10 ECTS		Complete 10 credits of transferable skills studies	
Presentation and academic writing skills		2-8 ECTS	Compulsory	Complete at least 2 credit	
Popularisation of science	YEB-101	1-2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Conference presentation	YEB-103	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Scientific writing	YEB-104	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Grant writing I	YEB-105	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Grant writing II	YEB-121	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Academic pitching	YEB-106	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Principles of peer review	YEB-107	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Data visualisation	YEB-108	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Science communication	YEB-111	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Asiantuntijana digitaalisessa mediassa	TIVI-Y911	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Tiedejournalismi	TIVI-Y912	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Tieteen popularisointi	TIVI-Y913	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Tieteenjulkisuus ja tiedeviestintä	PVM-V308	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Tiedeviestintä ja asiantuntijuus	PVM-604	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Optional studies in presentation and academic writing skills	YEB-199	1-8 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
University pedagogy		1-6 ECTS	Optional		
Pedagogy of supervising	YEB-118	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Basics of university pedagogy in life sciences	YEB-201	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Learning in higher education	UP1	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Constructive alignment in course design	UP2.1	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Assessment of learning and giving feedback	UP2.2	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Optional studies in university pedagogy	YEB-299	1-6 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Management and career skills		2-8 ECTS	Compulsory	Complete at least 2 credit	
Board membership	YEB-102	1-2 ECTS	Optional		AGFOREE Office
Leading a creative expert organisation	YEB-113	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Job application techniques	YEB-110	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Principles of business for bioscientists	YEB-109	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Research funding opportunities	YEB-100	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Interpersonal skills	YEB-306	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
PhD career course	PHD-101	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Open Science Online course	PHD-301	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Introduction to Open Data Science	PHD-302	5 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Project management and leadership	PHD-303	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Optional studies in management and career skills	YEB-399	1-8 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Other studies in transferable skills		1-6 ECTS	Optional		
The Elements of AI: Introduction to AI	TKT21018	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Software carpentry	PHD-402	1 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Starting Up	PHD-403	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Industrial property rights	PHD-404	2 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB
Other optional studies in transferable skills	YEB-499	1-6 ECTS	Optional		Course teacher/supervisor/coordinating academic/YEB