

LUOVA Degree Structure

Valid from 1.8.2020

Doctoral programme in wildlife biology

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	LUOVA-999		Compulsory		
Discipline specific studies	LUOVA-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)

1. Studies in LUOVA's fields of science	Code	Credits	Optional/Compulsory	Information	Who can award the credits?
1.1. Theoretical studies in the field of the thesis			Compulsory	Complete at least five credits within the first two years	
Literature review	LUOVA-101	5 ECTS	Optional		Supervisor/coordinating academic
Book examination	LUOVA-102	5 ECTS	Optional		Supervisor/coordinating academic
Other theoretical studies	LUOVA-103	1-5 ECTS	Optional		Supervisor/coordinating academic
1.2. Methodological studies in the field of the thesis			Compulsory	Complete at least five credits	
Revise your basics of statistics	LUOVA-301	1 ECTS	Optional	Each autumn	Course teacher
Introduction to linear mixed models and GLMM in R	LUOVA-302	2 ECTS	Optional	Autumn 2020	Course teacher
Zero inflated models and GLMM in R	LUOVA-303	2 ECTS	Optional	Autumn 2021	Course teacher
Introduction to GAM and GAMM in R	LUOVA-304	2 ECTS	Optional	Autumn 2022	Course teacher
Linking data and ecological models	LUOVA-305	4 ECTS	Optional	Spring 2022	Course teacher
Other methodological studies	LUOVA-306	1-5 ECTS	Optional		Supervisor/coordinating academic
2. Studies supporting the scientific discipline	Code	Credits	Optional/Compulsory	Information	Who can award the credits?
2.1. Orientation and follow-up			Compulsory	Complete all	
LUOVA orientation	LUOVA-001	1 ECTS	Compulsory	Twice a year. Complete within the first six months	LUOVA Office
Thesis committee meeting 1	LUOVA-201	0 ECTS	Compulsory	Complete within the first six months	LUOVA Office
Thesis committee meeting 2	LUOVA-202	0 ECTS	Compulsory	Annually	LUOVA Office
Thesis committee meeting 3	LUOVA-203	0 ECTS	Compulsory	Annually	LUOVA Office
Thesis committee meeting 4	LUOVA-204	0 ECTS	Compulsory	Annually	LUOVA Office
2.2. Ethics			Compulsory	Complete at least one credit	
Research ethics	PHD-401	1-2 ECTS	Optional		Course teacher
2.3. Teaching			Optional	Maximum six credits	
Teaching	LUOVA-004	1-4 ECTS	Optional		Course teacher
Thesis supervision	LUOVA-005	1-4 ECTS	Optional		Supervisor/coordinating academic
2.4. Communication skills and career planning			Compulsory	Complete at least five credits	
Talk at the annual LUOVA Spring Symposium 1	LUOVA-401	1 ECTS	Compulsory	Each spring	Spring symposium responsible person
Talk at the annual LUOVA Spring Symposium 2	LUOVA-402	1 ECTS	Optional	Each spring	Spring symposium responsible person
Organising the annual LUOVA Spring Symposium	LUOVA-403	2 ECTS	Optional	Each spring	Spring symposium responsible person
Talk or poster at an international conference 1	LUOVA-404	1 ECTS	Compulsory		Supervisor/person in charge of studies
Talk or poster at an international conference 2	LUOVA-405	1 ECTS	Optional		Supervisor/coordinating academic
How to publish a paper in a scientific journal	LUOVA-406	2 ECTS	Optional	Spring 2020	Course teacher
Making science matter - increasing the impact of ecological findings	LUOVA-407	3 ECTS	Optional	Spring 2019, 2021	Course teacher
Organising LUOVA's career seminar	LUOVA-408	2 ECTS	Optional	Annually	Course teacher
Organising LUOVA's field trip to potential employers	LUOVA-409	2 ECTS	Optional	Spring 2021	Supervisor/coordinating academic
Other relevant communication skills and career planning studies	LUOVA-410	1-4 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		LUOVA 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