

DENVI Degree Structure

Valid from 1.8.2020

Doctoral programme in interdisciplinary environmental sciences

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	DENVI-999		Compulsory		
Scientific content studies (A + B)	DENVI-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) In depth DENVI thematic courses		15 ECTS	Compulsory		
DENVI thematic interdisciplinary workshops		2-5 ECTS	Compulsory	Complete at least once	
DENVI workshop 1	DENVI-101	2-5 ECTS	Compulsory		Workshop teacher/supervisor/coordinating academic
DENVI workshop 2	DENVI-102	2-5 ECTS	Optional		Workshop teacher/supervisor/coordinating academic
DENVI workshop 3	DENVI-103	2-5 ECTS	Optional		Workshop teacher/supervisor/coordinating academic
DENVI workshop 4	DENVI-104	2-5 ECTS	Optional		Workshop teacher/supervisor/coordinating academic
DENVI thematic courses		1-5 ECTS	Optional		
DENVI course 1	DENVI-501	1-5 ECTS	Optional		Course teacher
DENVI course 2	DENVI-502	1-5 ECTS	Optional		Course teacher
DENVI course 3	DENVI-503	1-5 ECTS	Optional		Course teacher
DENVI course 4	DENVI-504	1-5 ECTS	Optional		Course teacher
DENVI thematic methodological courses		1-5 ECTS	Optional		
DENVI methods 1	DENVI-301	1-5 ECTS	Optional		Course teacher
DENVI methods 2	DENVI-302	1-5 ECTS	Optional		Course teacher
DENVI methods 3	DENVI-303	1-5 ECTS	Optional		Course teacher
DENVI methods 4	DENVI-304	1-5 ECTS	Optional		Course teacher
Other relevant courses	DENVI-010	1-10 ECTS	Optional		Supervisor/coordinating academic

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B) Studies supporting the scientific discipline		15 ECTS	Compulsory	Complete 15 credits of studies supporting the scientific discipline	
Research ethics	PHD-401	1-2 ECTS	Compulsory	Complete at least 1 credit	Course teacher
DENVI orientation	DENVI-001	1 ECTS	Compulsory		DENVI Office
DENVI annual meeting		1-4 ECTS	Compulsory	Complete at least 2 credits	
Annual meeting 1	DENVI-401	1 ECTS	Compulsory		DENVI Office
Annual meeting 2	DENVI-402	1 ECTS	Compulsory		DENVI Office
Annual meeting 3	DENVI-403	1 ECTS	Optional		DENVI Office
Annual meeting 4	DENVI-404	1 ECTS	Optional		DENVI Office
Thesis committee meetings		0 ECTS	Compulsory	Complete one per study year	
Thesis committee meeting 1	DENVI-201	0 ECTS	Compulsory		DENVI Office
Thesis committee meeting 2	DENVI-202	0 ECTS	Compulsory		DENVI Office
Thesis committee meeting 3	DENVI-203	0 ECTS	Compulsory		DENVI Office
Thesis committee meeting 4	DENVI-204	0 ECTS	Compulsory		DENVI Office
Scientific seminar series	DENVI-002	3-5 ECTS	Compulsory	Complete at least 3 credits, 1 credit for 10 attendances at any seminars relevant to the thesis, 1 credit for a presentation	Supervisor/coordinating academic
International conferences, workshops, meetings		2-3 ECTS	Compulsory	Complete at least 2 credits	
Conference 1	DENVI-601	1 ECTS	Compulsory		Supervisor/coordinating academic
Conference 2	DENVI-602	1 ECTS	Compulsory		Supervisor/coordinating academic
Conference 3	DENVI-603	1 ECTS	Optional		Supervisor/coordinating academic
Teaching/mentoring/supervision		1-4 ECTS	Optional		
Teaching	DENVI-003	1-2 ECTS	Optional		Course teacher/Supervisor/coordinating academic
Mentoring	DENVI-004	1-2 ECTS	Optional		Supervisor/coordinating academic
Supervision	DENVI-005	1-2 ECTS	Optional		Supervisor/coordinating academic
Other optional studies		1-10 ECTS	Optional		
Research visit	DENVI-006	1-2 ECTS	Optional		Supervisor/coordinating academic
Study visit	DENVI-007	1-2 ECTS	Optional		Supervisor/coordinating academic
Publications outside the thesis	DENVI-008	1-4 ECTS	Optional	2 credits/publication	Supervisor/coordinating academic
Book exam	DENVI-009	1-4 ECTS	Optional		Supervisor/coordinating academic
Other relevant courses	DENVI-010	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	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		DENVI 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