

## Äquivalenzliste für das Masterstudium

### Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2024/25

Gültig für Studierende mit Studienbeginn vor Wintersemester 2024/25

aktualisiert am 02.09.2024

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 416										
Studienplan 2023U						Studienplan 2024U				
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS		
<b>Main component: General skills &amp; research methods - Mathematical modelling of natural resources and their management</b>										
816334	Hydrological processes and modelling	VU	3	⇒	816352	Hydrological processes and water resources management	VO	3		

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416									
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS	
<b>Thematic field: Agro-municipal resource management</b>									
<b>Subject block: Water resources planning and waste management</b>									
816338	Water resources planning and management	VO	3	⇒	Any other course (≤ 3 ECTS) in the subject block				
<b>Thematic field: Ecological engineering and risk management</b>									
<b>Subject block: Mitigation of natural hazards and erosion control</b>									
819340	Ecologically oriented methods and monitoring in river engineering	VU	3	⇒	Any other course (≤ 3 ECTS) in the subject block				
816325	Flood forecasting and flood protection	SE	3	⇒	Any other course (≤ 3 ECTS) in the subject block				
<b>Subject block: River landscape management and river engineering</b>									
812350	Applications in river landscape management	VX	2	⇒	812397	Applications in river landscape management and conservation	VX	3	
<b>Thematic field: Human dimension and socio-economic aspects of sustainable development</b>									
<b>Subject block: Environmental policy, forecast and networking</b>									
812327	Interdisciplinary concepts in understanding river-society interactions	VS	3	⇒	812327	Interdisciplinary concepts of river-society interactions	VS	3	

# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2023/24

Gültig für Studierende mit Studienbeginn vor Wintersemester 2023/24

aktualisiert am 25.09.2023

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 416								
Studienplan 2022U					Studienplan 2023U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>General skills &amp; research methods - Mathematical modelling of natural resources and their management</b>								
815335	Using water erosion models	UE	3	⇔	815345	Soil erosion models and their application	VU	3
<b>Fundamentals of Natural Resources - Water resources and climate</b>								
812342	Ecology of aquatic systems	VO	3	⇔	812346	Ecology of aquatic systems	VS	3
<b>Fundamentals of Natural Resources - Bioresources, biodiversity and ecology</b>								
812389	Population genetics and evolutionary theory relevant for the management and protection of aquatic organisms	VO	3	⇔	834321	Biocultural diversity in rural landscapes	VS	3

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
815321	Soil conservation and soil protection	VU	3	⇔	815321	Soil conservation	VU	3
811334	Risk assessment in the aquatic environment	VU	3	}	Any modular unit in the thematic field "Ecological engineering and risk management"			
811354	Case studies in sanitary engineering	SE	3					
834321	Biocultural diversity in rural landscapes	VS	3	⇔	933307	Crop production systems in organic agriculture	VU	3
854331	Global aspects in landscape planning	VX	4,5	⇔	854323	Climate change and global aspects in planning and spatial development	VX	6
814308	Interdisciplinary seminar on agriculture, climate change and transition	SE	3	⇔	814308	Agriculture, climate change and transition	SE	3
732326	Institutions and policies of the EU (Introduction to the law and politics of the European Union)	VO	3	⇔	815326	Applied methods of rural water management in the tropics and subtropics	SE	3
816361	Cooperation development	VO	1	⇔	816361	Development cooperation in the water sector	VO	1
730306	Foresights - what future to expect? (Late lessons from early warnings)	VO	2	⇔	730307	Foresights - what future to expect? (Late lessons from early warnings)	VU	3
812348	Water legislation	VO	2	}	737314 Land use and global change: Socio-ecological interactions			
736004	Governance of emerging technologies	VO	2					
934305	Facilitating change for sustainable development	VS	3	⇔	934312	Facilitating change for sustainable development	VS	6
934302	Applied development research I	VS	3	⇔	934302	Project design and sustainable development goals (SDGs)	VS	3
934303	Applied development research II	VS	3	⇔	934303	Scientific communication and impacts	VS	3
934306	Negotiating change: simulating an international conference for sustainable development	VS	3	⇔	934316	Negotiating change: simulating an international conference for sustainable development	VS	6

# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2022/23

Gültig für Studierende mit Studienbeginn vor Wintersemester 2022/23

aktualisiert am 08.09.2022

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 416								
Studienplan 2021U					Studienplan 2022U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Main component: Fundamentals of natural resources</b>								
816354	Advanced topics on hydrology	US	3	⇒	816356	Advanced topics on hydrology	SE	3
833311	Farmland ecology	VO	1	⇒	833315	Farmland ecology	SE	1

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
Studienplan 2021U					Studienplan 2022U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Thematic field: Human dimension and socio-economic aspects of sustainable development:</b>								
816333	International law and cooperation development	VO	3	}	812348	Water legislation	VO	2
					816361	Cooperation development	VO	1

# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2021/22

Gültig für Studierende mit Studienbeginn vor Wintersemester 2021/22

aktualisiert am 27.9.2021

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 416								
Studienplan 2020U					Studienplan 2021U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Main component: Fundamentals of natural resources</b>								
816354	Advanced topics on hydroclimatology	US	3	⇒	816354	Advanced topics on hydrology	US	3
911351	Stable isotopes (C, N, S, O, H) in soil and environmental sciences	VX	2	⇒	911354	Stable isotopes (C, N, S, O, H) in soil and environmental sciences	VX	3
771320	Advanced analytical techniques for elemental trace and isotope analysis	VO	2	}	815328	Isotope and tracer hydrology	VU	3
771321	Isotopic tools for the investigation of the ecosystem	VU	2					

## Äquivalenzliste für das Masterstudium Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2020/21

Gültig für Studierende mit Studienbeginn vor Wintersemester 2020/21

aktualisiert am 01.10.2020

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 416								
Studienplan 2018U					Studienplan 2020U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Main component: Fundamentals of natural resources</b>								
911315	Introduction in natural resources management and ecological engineering	VO	3	⇒	911353	Introduction in natural resources management and ecological engineering	VS	3

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
Studienplan 2018U					Studienplan 2020U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Thematic field: Ecological engineering and risk management</b>								
874300	Soil-bioengineering techniques (slopes and gullies)	VS	3	⇒	874300	Soil and water bioengineering - principles and applications	VS	3

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
Studienplan 2018U					Studienplan 2020U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Thematic field: Human dimension and socio-economic aspects of sustainable development</b>								
731402	Welfare economic analysis of agricultural policy - theory and applications	VO	3	} ⇒	731395	Introduction to development cooperation	VU	3
732321	Mountain forest policy	VS	4,5		Any modular unit of the subject Sustainable development, development research and innovation in the thematic field "Human dimension and socio-economic aspects of sustainable development"			
733304	Economics of multiple use forestry	VS	1,5					

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
Studienplan 2018U					Studienplan 2020U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Courses at the partner universities - Lincoln University, New Zealand</b>								
ERST 631	Environmental Sciences in Environmental Policy		10	⇒	ERST 630	Environmental Policy and Planning		10

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
Studienplan 2018U					Studienplan 2020U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Courses at the partner universities - Czech University of Life Sciences Prague (CULS)</b>								
<b>Specialisations in thematic fields</b>								
Any course of the subjects "Soil and environmental chemistry", "Soil conservation and protection", "Soil and water" and "Water resources management"				⇒	Any course of the thematic fields "Agro-municipal Resource Management" OR "Ecological Engineering and Risk Management"			
Any course of the subjects "Ecology and forest science" and "Management of natural resources"				⇒	Any course of the thematic fields "Nature conservation and biodiversity management" OR "Ecological Engineering and Risk Management"			
Any course of the subject "Policy and economics"				⇒	Any course of the thematic fields "Human dimension and socio-economic aspects of sustainable development"			
Any course listed in CULS' NARMEE course list which is related to the thematic field "Ecological engineering and risk management" (no explicit listing of courses available)				⇒	Any course of the thematic fields "Ecological engineering and risk management"			
Any course listed in CULS' NARMEE course list which is related to the thematic field "Global resources and sustainability management" (no explicit listing of courses available)				⇒	Any course of the thematic fields "Global resources and sustainability management"			

# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2018/19

Gültig für Studierende mit Studienbeginn vor Wintersemester 2018/19

aktualisiert am 18. September 2018

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 416								
Studienplan 2017U					Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Main component: Fundamentals of natural resources</b>								
831312	Plant and environment	VO	3	}	Any modular unit of the subject Bio-resources, Biodiversity and Ecology in the main component "Fundamentals of natural resources"			
911322	Role of soils in nature conservation and wildlife management	VU	1,5					
912324	Fire ecology – vegetation and wildlife	VO	1,5					

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 416								
Studienplan 2017U					Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
<b>Thematic field: Human dimension and socio-economic aspects of sustainable development</b>								
731347	Regional economics and regional governance	VO	3	⇒	731347	Rural development	VO	3
812374	Environmental history of aquatic systems	VS	2	⇒	736322	Governance of emerging technologies	SE	2
					<b>OR</b>			
					812318	Environmental history of river systems	VS	3
991301	Foresights - what future to expect? (Late lessons from early warnings)	VO	2	⇒	730306	Foresights - what future to expect? (Late lessons from early warnings)	VO	2

**Äquivalenzliste für das Masterstudium  
Natural Resources Management and Ecological Engineering, 066 416**

Gültig ab Wintersemester 2017/18

Gültig für Studierende mit Studienbeginn vor Wintersemester 2017/18

aktualisiert am 18. September 2018

Äquivalenzliste Pflichtveranstaltungen Curriculum 066 416									
Studienplan 2016U					Studienplan 2017U				
LV-Nr.	LV-Titel	LV-Typ	ECTS	Äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS	
<b>Main component: General skills &amp; research methods</b>									
812352	Statistical analyses of ecological data	VU	3	↔	851311	Environmental statistics	VU	3	
831315	Multivariate analysis of ecological data sets	VO	3	↔	816355	Uncertainties in hydrological and ecosystem modelling	VU	3	
831.316	Multivariate analyses of ecological data sets - exercises	UE	1,5	}	Any modular unit of the subject Statistical data analysis in the main component "General skills & research methods"				
851.318	Multivariate Statistics	VU	4,5						
851.318	Multivariate Statistics	VU	4,5	↔	851311	Environmental statistics	VU	3	
					<b>OR</b>				
					816355	Uncertainties in hydrological and ecosystem modelling	VU	3	
					<b>OR</b>				
					851320	Statistics of extreme events and geostatistics	VS	3	
815002	Introductory and advanced SWAT modeling	VU	3	↔	815335	Using water erosion models	UE	3	
<b>Main component: Fundamentals of natural resources</b>									
911309	Soil chemistry laboratory	UE	3	↔	911309	Soil chemistry laboratory	UE	3	
911345	Soils of the world: genesis and classification	VX	2	↔	911350	Soils of the world: genesis and classification	VU	3	
912007	Practical course: methods in soil ecology	SE	2	↔	911304	Soil indicators	VO	3	
911328	Chemistry of soil water	VU	2	}	Any modular unit of the subject Bio-resources, biodiversity and ecology in the main component "Fundamentals of natural resources"				
951323	Physiology of crop nutrition	VO	4						
951310	Physiology of crop nutrition	UE	2						
772309	Biochemistry of trace elements	VO	3	↔	911351	Stable isotopes (C, N, S, O, H) in soil and environmental sciences	VX	2	
771001	Isotopic tools for the investigation of the ecosystem	VU	2	↔	771321	Isotopic tools for the investigation of the ecosystem	VU	2	
<b>Äquivalenzliste Wahlveranstaltungen Curriculum 066 416</b>									
<b>Thematic field: Agro-municipal resource management</b>									
912317	Effects of air pollutants and nutrient deficiencies on mountain forests	VS	3	↔	912317	Air pollution effects on forest ecosystems	VS	3	
915300	Field Camp III - Integrated forest management applications	PJ	3	}	Any modular unit of the subject Forest services and management in the thematic field "Agro-municipal resource management"				
871360	Risk Management and Vulnerability Assessment	VS	3						
893312	Process simulation	VU	2	↔	970306	Methods in environmental biotechnology	UE	3	
813003	Processes and technologies for waste management	VO	1	↔					
<b>Thematic field: Ecological engineering and risk management</b>									
871322	Mountain hazard processes	VS	4,5	}	Any modular unit of the subject Global aspects of land and soil resource management in the thematic field "Global resources and sustainability management"				
871357	Mountain hazard processes – field trip	VX	1,5						
871305	Integral risk management	VS	3	↔	871360	Risk management and vulnerability assessment	VS	3	
<b>Thematic field: Global resources and sustainability management</b>									
731019	Dynamic Land Use Optimization under Global Change	VS	3	}	Any modular unit of the subject Global aspects of land and soil resource management in the thematic field "Global resources and sustainability management"				
731401	Integrated land use modelling	VS	3						
731401	Integrated land use modelling	VS	3	↔	911342	Soils and food security	VU	2	
					<b>OR</b>				
					911347	Soil problems in arctic and semiarctic regions	VO	3	
					<b>OR</b>				
					911324	Soil management in tropical and subtropical developing regions	VO	3	
					<b>OR</b>				
					857316	International land management	VS	1,5	
816343	Environmental risk analysis and management	VO	3	↔	814308	Interdisciplinary seminar on agriculture, climate change and transition	SE	3	
<b>Thematic field: Human dimension and socio-economic aspects of sustainable development</b>									
732318	Forest policy analysis	VS	3	↔	731402	Welfare economic analysis of agricultural policy - theory and applications	VO	3	
853006	Environmental Policy and Social Impact Assessment	VO	2	↔	812348	Water legislation	VO	2	

# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2016/17

Gültig für Studierende mit Studienbeginn vor Wintersemester 2016/17

Äquivalenzliste Pflicht - und Wahlllehrveranstaltungen Curriculum NARMEE								
Studienplan 01.10.2015 und davor					Studienplan 01.10.2016			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
811354	Case Studies in Sanitary Engineering	SE	3.0	⇒	731324	Resource and Environmental Economics	VO	3
	Any course or combination of courses from "Basic Studies"			⇒		Any course or combination of courses from the main component "Introduction" and / or "Fundamentals of natural resources"; The amount of ECTS recognised must not exceed that earned in the previous version of the curriculum.		
	Any course or combination of courses from "General Skills / Research Methods"			⇒		Any course or combination of courses from the main components "General Skills and research methods", "Fundamentals of natural resources" or any thematic field of the "Specialisations in thematic fields"; The amount of ECTS recognised must not exceed that earned in the previous version of the curriculum.		
	Any course or combination of courses from "Specialization"			⇒		Any course or combination of courses from any of the thematic fields from "Specialisations in thematic fields"; The amount of ECTS recognised must not exceed that earned in the previous version of the curriculum.		



# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2015/16

Gültig für Studierende mit Studienbeginn vor Wintersemester 2015/16

Äquivalenzliste Wahllehrveranstaltungen Curriculum NARMEE								
Studienplan 01.10.2014					Studienplan 01.10.2015			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
731330	International Trade and Environment (in Eng.)	VO	3	⇒	731330	Growth, Development, Trade and Environment (in Eng.)	VO	3
731331	WTO and International Environmental Agreements (in Eng.)	VO	3	⇒		Any course or combination of courses selected from the specialisation "Economic and Social Sustainability in Natural Resources Management"; the ECTS points recognized must not exceed those of the recognized course.		
731325	International Commodity Markets and Trade Policy	VO	3	⇒	731325	Principles of Commodity Markets and Trade Policy	VO	3
811356	Water Supply and Wastewater Treatment	VO	3	⇒		Any course or combination of courses selected from the basic studies or from the specialization "Ecological Engineering and Risk Management"; the ECTS points recognized must not exceed those of the recognized course.	VO	3

# Äquivalenzliste für das Masterstudium

## Natural Resources Management and Ecological Engineering, 066 416

Gültig ab Wintersemester 2014/15

Gültig für Studierende mit Studienbeginn vor Wintersemester 2014/15

Äquivalenzliste Wahllehrveranstaltungen Curriculum NARMEE								
Studienplan 2013					Studienplan 01.10.2014			
LV-Nr.	LV-Titel	LV-Typ	ECTS	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS
832302	Human Dimensions in Wildlife Research & Management	VO	1,5	⇒		Any course or combination of courses selected from the specialisation "Natural Conservation and Wildlife Management"; the ECTS points recognized must not exceed those of the recognized course.		1,5
832311	More Recent Conflict Species in Wildlife Management	VX	1,5	⇒		Any course or combination of courses selected from the specialisation "Natural Conservation and Wildlife Management"; the ECTS points recognized must not exceed those of the recognized course.		1,5
832321	BOKU International Wildlife Lectures	VS	3,0	⇒		Any course or combination of courses selected from the specialisation "Natural Conservation and Wildlife Management"; the ECTS points recognized must not exceed those of recognized course.		3,0
732333	Innovations for Sustainable Forest Management	VS	3,0	⇒	732337	Innovations for Sustainable Forest Management	VS	4,0
911320	Risk Management by Soil Protection and Remediation	VU	1,5	⇒		Any course or combination of courses selected from the specialisation "Ecological Engineering and Risk Management"; the ECTS points recognized must not exceed those of the recognized course.		