

Äquivalenzliste für das Masterstudium

Applied Limnology, 066 448 und Limnology & Wetland Management, 066 448 008

Gültig ab Wintersemester 2023/24

Gültig für Studierende mit Studienbeginn ab/vor Wintersemester 2023/24

aktualisiert am 13. Februar 2023

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 & 066 448 008 an der BOKU							
Studienplan 2022U				Studienplan 2023U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.	LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
812342	Ecology of aquatic systems	VO	3	812346	Ecology of aquatic systems	VS	3

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 448 & 066 448 008							
Studienplan 2022U				Studienplan 2023U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.	LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module 20: Fish genetics				Module 20: Evolutionary biology and conservation genetics			
812389	Population genetics and evolutionary theory relevant for the management and protection of aquatic organisms	VO	3	834311	Evolutionary biology and its applications	VU	3
812390	Laboratory methods in fish genetics	SE	4	834310	Conservation genetic analysis methods	VO	1
				834312	Conservation genetic lab	PR	2

Wahllehrveranstaltungen: Änderung Nummerierung Module	
Studienplan 2022U	Studienplan 2023U
Module 21: Evolutionary biology and conservation genetics	Module 20: Evolutionary biology and conservation genetics
Module 22: River-society interactions	Module 21: River-society interactions
Module 23: Professional perspectives	Module 22: Professional perspectives

Äquivalenzliste für das Masterstudium

Applied Limnology, 066 448 und Limnology & Wetland Management, 066 448 008

Gültig ab Wintersemester 2022/23

Gültig für Studierende mit Studienbeginn ab/vor Wintersemester 2022/23

aktualisiert am 07. September 2022

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 008 an der IHE DELFT								
Studienplan 2020U					Studienplan 2022U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module LWM11: Data analysis and modelling for aquatic ecosystems					Module LWM 13: Integrated Modelling of Water & Ecosocial Systems			
	Data analysis and modelling for aquatic ecosystems	VU	5	⇒		Integrated Modelling of Water & Ecosocial Systems	VU	5
Module LWM12: Aquatic ecosystems processes and applications					Module LWM 11: Aquatic Ecology and Bioassessment			
	Aquatic ecosystems processes and applications	VU	5	⇒		Aquatic Ecology and Bioassessment	VU	5
Module LWM13: Wetlands for livelihoods and conservation					Module LWM 12: Wetlands for Livelihoods and Conservation			
	Wetlands for livelihoods and conservation	VU	5	⇒		Wetlands for Livelihoods and Conservation	VU	5
Module LWM14: Summer school					Module LWM 14: Academic Skill Development			
	Summer school	VS	1	⇒		Academic Skill Development	VS	1,5
Module LWM15: Applied environmental management for LWM					Module LWM 15: Interdisciplinary Project & Fieldwork			
	Applied environmental management for LWM	PJ	8	⇒		Interdisciplinary Project & Fieldwork	PJ	6,5

Äquivalenzliste für das Masterstudium

Applied Limnology, 066 448 und Limnology & Wetland Management, 066 448 008

Gültig ab Wintersemester 2020/21

Gültig für Studierende mit Studienbeginn ab/vor Wintersemester 2020/21

aktualisiert am 29. Nov 2019

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 008 an der IHE DELFT										
Studienplan 2019U						Studienplan 2020U				
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		
Module LWM11: Data analysis & modelling for aquatic ecosystems						Module LWM11: Data analysis and modelling for aquatic ecosystems				
	Data analysis & modelling for aquatic ecosystems	VU	5,6	⇒		Data analysis and modelling for aquatic ecosystems	VU	5		
Module LWM12: Aquatic ecosystems processes & applications						Module LWM12: Aquatic ecosystems processes and applications				
	Aquatic ecosystems processes & applications	VU	5,6	⇒		Aquatic ecosystems processes and applications	VU	5		
Module LWM13: Wetlands for livelihoods & conservation						Module LWM13: Wetlands for livelihoods and conservation				
	Wetlands for livelihoods & conservation	VU	5,6	⇒		Wetlands for livelihoods and conservation	VU	5		
Module LWM14: Summer school						Module LWM14: Summer school				
	Summer school	VS	1,6	⇒		Summer school	VS	1		
Module LWM15: Groupwork environmental science						Module LWM15: Applied environmental management for LWM				
	Groupwork environmental science	PJ	5,6	⇒		Applied environmental management for LWM	PJ	8		

Äquivalenzliste für das Masterstudium

Applied Limnology, 066 448 und Limnology & Wetland Management, 066 448 008

Gültig ab Wintersemester 2019/20

Gültig für Studierende mit Studienbeginn ab/vor Wintersemester 2019/20

aktualisiert am 26. Sept. 2019

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 448 an der BOKU							
Studienplan 2018U				Studienplan 2019U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.	LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module 19: Ecology and taxonomy of freshwater fish and benthic invertebrates				Module 19: Ecology and taxonomy of freshwater fish and benthic invertebrates			
812393	Ecology and taxonomy of selected invertebrate groups	UX	3	812393	Ecology and taxonomy of selected invertebrate groups	UX	3

Äquivalenzliste für das Masterstudium

Applied Limnology, 066 448 und Limnology & Wetland Management, 066 448 008

Gültig ab Wintersemester 2018/19

Gültig für Studierende mit Studienbeginn ab/vor Wintersemester 2018/19

aktualisiert am 20. Dez. 2018

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 und 066 448 008 an der BOKU								
Studienplan 2015U				äquivalent	Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module 4 (LWM4): Aquatic Ecosystem Management					Module 4 (LWM4): Aquatic ecosystem management			
812349	Ecological river landscape management	VO	2	⇔	812315	Restoration and conservation of riverine landscapes	VS	3

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 008 an der EGERTON UNIVERSITY								
Studienplan 2015U				äquivalent	Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module LWM6: Lake Ecology					Module LWM6: Lake ecology			
	Lake Ecology	VU	5,6	⇔		Lake ecology	VX	6
Module LWM7: Ecology of Streams and Rivers					Module LWM7: Ecology of streams and rivers			
	Ecology of Streams and Rivers	VX	5,6	⇔		Ecology of streams and rivers	VX	6
Module LWM8: Wetlands for Water Quality					Module LWM8: Wetlands for water quality			
	Wetlands for Water Quality	VX	5,6	⇔		Wetlands for water quality	VU	6
Module LWM9: Fisheries & Aquaculture					Module LWM9: Fisheries & aquaculture			
	Fisheries & Aquaculture	VU	5,6	⇔		Fisheries & aquaculture	VU	6

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 008 an der IHE DELFT								
Studienplan 2015U				äquivalent	Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module LWM10: Data Analysis & modelling for Aquatic Ecosystems					Module LWM11: Data analysis & modelling for aquatic ecosystems			
	Data Analysis & Modelling for Aquatic Ecosystems	VU	5,6	⇔		Data Analysis & modelling for aquatic ecosystems	VU	5,6
Module LWM11: Aquatic Ecosystems – Processes & Applications					Module LWM12: Aquatic ecosystems processes & applications			
	Aquatic Ecosystems – Processes & Applications	VU	5,6	⇔		Aquatic ecosystems – processes & applications	VU	5,6
Module LWM12: Wetlands for Livelihoods & Conservation					Module LWM13: Wetlands for livelihoods & conservation			
	Wetlands for Livelihoods & Conservation	VU	5,6	⇔		Wetlands for livelihoods & conservation	VU	5,6
Module LWM13: Group-work					Module LWM15: Groupwork environmental science			
	Group-work (Integrative Approach to Solve	PJ	5,6	⇔		Groupwork environmental science	PJ	5,6
Module LWM14: Research Methods & Summer School					Module LWM14: Summer school			
	Research Methods & Summer School	VS	3,8	⇔		Summer school	VS	1,6

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 448 an der BOKU								
Studienplan 2015U				äquivalent	Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module 13: Planning and Management					Module 22: River-society interactions			
812374	Environmental History of Aquatic Systems	VS	2	⇔	812318	Environmental history of river systems	VS	3
Module 14: Interdisciplinarity and Socioeconomics					Module 22: River-society interactions			
812375	Recreation in Riverine Landscapes	VS	3	⇔	812317	Recreation in riverine landscapes	SX	3

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 448 an der EGERTON UNIVERSITY								
Studienplan 2015U				äquivalent	Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module LWM6: Lake Ecology					Module LWM6: Lake ecology			
	Lake ecology	VU	5,6	⇔		Lake ecology	VX	6
Module LWM7: Ecology of Streams and Rivers					Module LWM7: Ecology of streams and rivers			
	Ecology of Streams and River	VX	5,6	⇔		Ecology of streams and rivers	VX	6
Module LWM8: Wetlands for Water Quality					Module LWM8: Wetlands for water quality			
	Wetlands for Water Quality	VX	5,6	⇔		Wetlands for water quality	VU	6
Module LWM9: Fisheries & Aquaculture					Module LWM9: Fisheries & aquaculture			
	Fisheries & Aquaculture	VU	5,6	⇔		Fisheries & aquaculture	VU	6

Äquivalenzliste Wahllehrveranstaltungen Curriculum 066 448 an der IHE DELFT								
Studienplan 2015U				äquivalent	Studienplan 2018U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.		LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module LWM10: Data Analysis & Modelling for Aquatic Ecosystems					Module LWM11: Data analysis & modelling for aquatic ecosystems			
	Data Analysis & Modelling for Aquatic Ecosystems	VU	5,6	⇔		Data analysis & modelling for aquatic ecosystems	VU	5,6
Module LWM11: Aquatic Ecosystems Processes and Applications					Module LWM12: Aquatic ecosystems processes & applications			
	Aquatic Ecosystems Processes and Applications	VU	5,6	⇔		Aquatic ecosystems processes & applications	VU	5,6
Module LWM12: Wetlands for Livelihoods & Conservation					Module LWM13: Wetlands for livelihoods & conservation			
	Wetlands for Livelihoods & Conservation	VU	5,6	⇔		Wetlands for livelihoods & conservation	VU	5,6
Module LWM13: Group-work					Module LWM15: Groupwork environmental science			
	Group-work (Integrative Approach to Solve	PJ	5,6	⇔		Groupwork environmental science	PJ	5,6
Module LWM14: Research Methods & Summer School					Module LWM14: Summer school			
	Research Methods & Summer School	VS	3,8	⇔		Summer school	VS	1,6

Äquivalenzliste für das Masterstudium

Applied Limnology, 066 448 und Limnology & Wetland Management, 066 448 008

Gültig ab Wintersemester 2015/16

Gültig für Studierende mit Studienbeginn ab/vor Wintersemester 2015/16

aktualisiert am 20. Dez. 2018

Äquivalenzliste Pflichtlehrveranstaltungen Curriculum 066 448 und 066 448 008 an der BOKU								
Studienplan 2014U					Studienplan 2015U			
LV-Nr.	LV-Titel	LV-Typ	ECTS-P.	äquivalent	LV-Nr.	LV-Titel	LV-Typ	ECTS-P.
Module 17: Hydrology and morphology					Module 17: Hydrology and morphology			
816331	Hydrological processes and modelling	VO	3	⇒	816334	Hydrological processes and modelling	<u>VU</u>	<u>3</u>

Equivalence List: 066 448 Applied Limnology & Limnology & Wetland Management

Old AL/LWM Curriculum (valid from 01-10-2012)

4.1. Compulsory courses at BOKU: AL & LWM

Course Number	Module/Course name	Course type	ECTS points	SSR	Comp. AL	Comp. LWM
	Module 2 (LWM2): Ecology of aquatic organisms	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Ecology of benthic invertebrates (in Eng.)	VU	3	2	Yes	Yes
	Module 4 (LWM4): Aquatic ecosystem management	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Water legislation	VO	2	1,5	Yes	Yes
	Applications in river landscape management	VX	2	1,5	Yes	No
	Module LWM6: Scientific methods	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Multivariate analyses of ecological data (in Eng.)	VU	3	2	Yes	Yes
	Scientific methods and writing in aquatic ecology (in Eng.)	SE	3	2	Yes	No

New AL/LWM Curriculum (valid from 01-10-2014)

4.1. Compulsory courses at BOKU: AL & LWM

Course Number	Module/Course name	Course type	ECTS points	SSR	Comp. AL	Comp. LWM
	Module 6: Research proposal & master seminar	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Research proposal	SE	3	2	Yes	No
	Module 2 (LWM2): Ecology of aquatic organisms	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Taxonomy and ecology of benthic invertebrates (in Eng.)	VU	3	2	Yes	Yes
	Module 4 (LWM4): Aquatic ecosystem	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Water legislation (in Eng.)	VO	2	1	Yes	Yes
	Applications in river landscape management (in Eng.)	VX	2	1	Yes	No
	Module 5 (LWM5): Scientific methods	Course	ECTS points	SSR	Comp. AL	Comp. LWM
	Statistical analyses of ecological data (in Eng.)	VU	3	2	Yes	Yes
	Scientific reading and presentation in aquatic ecology (in Eng.)	SE	3	2	Yes	No

Old AL Curriculum (valid from 01-10-2012)

5.1 Elective courses Applied Limnology

Course Number	Module/Course name	Course type	ECTS points	SSR
	Module: Ecohydromorphological monitoring	Course	ECTS points	SSR
	Habitat and river landscape assessment (in Eng.)	VU	4	2
	Module: Environmental impacts	Course	ECTS points	SSR
	Environmental impacts on fish (in Eng.)	VS	2	1,5
	Environmental impacts on benthic invertebrates (in Eng.)	VS	2	1,5
	Climate change in aquatic ecosystems (in Eng.)	VS	2	1
	Module: Restoration and conservation	Course	ECTS points	SSR
	Restoration and conservation of riverine landscapes (in Eng.)	VS	2	1,5
	Floodplain Ecology: Ecology - Ecosystem services - Restoration and Management (in Eng.)	VS	2	1,5
	Restoration of fish and invertebrate communities (in Eng.)	VS	2	1
	Module: Interdisciplinarity and socioeconomics	Course	ECTS points	SSR
	Interdisziplinäre Ansätze und Methoden	VO	3	2
	Module: Ecosystem modelling	Course	ECTS points	SSR
	Data mining, study design and statistics in aquatic ecology (in Eng.)	VU	2	1
	Module: Hydrology and morphology	Course	ECTS points	SSR
	Water resources planning and management (in Eng.)	VO	2	2
	Sediment regime and river morphology (in Eng.)	VO	2	2

New AL Curriculum (valid from 01-10-2014)

5.1 Elective courses Applied Limnology

Course Number	Module/Course name	Course type	ECTS points	SSR
	Module: Ecohydromorphological monitoring	Course	ECTS points	SSR
	River habitat and landscape assessment (in Eng.)	VU	4	2
	Module: Environmental impacts on riverine ecosystems	Course	ECTS points	SSR
	Environmental impacts on riverine ecosystems I (in Eng.)	SE	4	3
	Environmental impacts on riverine ecosystems II (in Eng.)	SE	2	1
	Module: Restoration and conservation of riverine landscapes	Course	ECTS points	SSR
	Restoration and conservation of riverine landscapes I (in Eng.)	SE	4	3
	Restoration and conservation of riverine landscapes II (in Eng.)	SE	2	1
	Module: Interdisciplinarity and socioeconomics	Course	ECTS points	SSR
	Participatory methods in development research and practice (in Eng.)	SE	3	2
	Module: Ecosystem modelling	Course	ECTS points	SSR
	Data mining and data management in aquatic ecology (in Eng.)	VU	2	1
	Module: Hydrology and morphology	Course	ECTS points	SSR
	Hydrological processes and modelling (in Eng.)	VO	3	2
	Sediment regime and river morphology (in Eng.)	VO	3	2
	Module: Limnochemistry in human impacted aquatic ecosystems	Course	ECTS points	SSR
	Limnochemistry I (in Eng.)	PR	4	3
	Water quality aspects in river restoration (in Eng.)	SE	2	1,5
	Module: Ecology and taxonomy of freshwater fish and benthic invertebrates	Course	ECTS points	SSR
	Ecology and taxonomy of selected invertebrate groups (in Eng.)	UX	3	2
	Taxonomy and evolution of European fish communities (in Eng.)	UX	3	2
	Module: Fish genetics	Course	ECTS points	SSR
	Population genetics and evolutionary theory relevant for the assessment and management of aquatic species (in Eng.)	VO	3	2
	Laboratory methods in fish genetics (in Eng.)	SE	4	3

Old LWM Curriculum (valid from 01-10-2012)

4.2. Compulsory courses at Egerton University: LWM

Module/LWM	Course name	Course type	ECTS points	SSR
	Module LWM6: Lake Ecology	Course	ECTS points	SSR
	Lake typology, physico-chemical characteristics and pelagic food-web	VU	1,8	1,3
	Phytoplankton and zooplankton composition, biomass and primary/secondary production in lakes	VU	1,9	1,3
	Trophic status of tropical lakes: anthropogenic impacts, climate change and conservation strategies	VU	1,9	1,3
	Module LWM7: Stream & River Ecology	Course	ECTS points	SSR
	Geomorphology, hydrology, watershed-ecology and ecological characteristics of streams and rivers	VX	1,2	1,0
	Biological components, energy/matter flux and ecological integrity of tropical streams & rivers	VU	2,2	1,5
	Ecological assessment of tropical streams & rivers	VU	2,2	1,5
	Module LWM8: Wetlands for Water Quality	Course	ECTS points	SSR
	Functioning & management of natural wetlands to improve ecosystem services	VU	2,2	1,6
	Constructed wetlands for wastewater treatment	VX	3,4	2,4
	Module LWM9: Fisheries & Aquaculture	Course	ECTS points	SSR
	Fish ecology and fisheries management	VX	2,2	
	Aquacultural techniques and production ecology of flatfishes	VU	3,4	

New LWM Curriculum (valid from 01-10-2014)

4.2. Compulsory courses at Egerton University: LWM

Module/LWM	Course name	Course type	ECTS points	SSR
	Module LWM6: Lake Ecology	Course	ECTS points	SSR
	Lake Ecology	VU	5,6	4,0
	Module LWM7: Ecology of Streams and Rivers	Course	ECTS points	SSR
	Ecology of Streams and Rivers	VX	5,6	4,0
	Module LWM8: Wetlands for Water Quality	Course	ECTS points	SSR
	Wetlands for Water Quality	VX	5,6	4,0
	Module LWM9: Fisheries & Aquaculture	Course	ECTS points	SSR
	Fisheries & Aquaculture	VU	5,6	4,0

Old Curriculum LWM (valid from 01-10-2012)

4.3. Compulsory courses at UNESCO-IHE: LWM

Module/LWM	Course name	Course type	ECTS points	SSR
	Module LWM10: Wetlands for Livelihoods & Conservation	Course	ECTS points	SSR
	Wetlands for Livelihoods & Conservation	VU	5,6	4,0
	Module LWM11: Aquatic Ecosystems – Processes & Applications	Course	ECTS points	SSR
	Aquatic Ecosystems – Processes & Applications	VU	5,6	4,0
	Module LWM12: Data Analysis & Modelling for Aquatic Ecosystems	Course	ECTS points	SSR
	Data Analysis & Modelling for Aquatic Ecosystems	VU	5,6	4,0
	Module LWM13: Group-work	Course	ECTS points	SSR
	Group-work (Integrative approach to solve environmental problems)	PJ	5,6	4,0
	Module LWM14: Research Methods & Summer School	Course	ECTS points	SSR
	Research Methods	VS	1,9	1,5
	Summer School	VS	1,9	1,5

New Curriculum LWM (valid from 01-10-2014)

4.3. Compulsory courses at UNESCO-IHE: LWM

Module/LWM	Course name	Course type	ECTS points	SSR
	Module LWM10: Data Analysis and Modelling for Aquatic Ecosystems	Course	ECTS points	SSR
	Data Analysis and Modelling for Aquatic Ecosystems	VU	5,6	4,0
	Module LWM11: Aquatic Ecosystems Processes and Applications	Course	ECTS points	SSR
	Aquatic Ecosystems Processes and Applications	VU	5,6	4,0
	Module LWM12: Wetlands for Livelihoods and Conservation	Course	ECTS points	SSR
	Wetlands for Livelihoods and Conservation	VU	5,6	4,0
	Module LWM13: Group-work	Course	ECTS points	SSR
	Group-work	PJ	5,6	4,0
	Module LWM14: Research Methods & Summer School	Course	ECTS points	SSR
	Research Methods & Summer School	VS	3,8	3,0