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Study code

**Request for a Master's degree certificate in
„COPERNICUS MASTER IN DIGITAL EARTH“**

Curriculum 2019 88. Curriculum for Master's Degree Programme "Copernicus Master in Digital Earth" at the University of Salzburg (Version 2019)

Prior to submission:

Please enter all specialization track (GeoData Science or GeoVisualisation & Geocommunication) completed courses (grades) in PLUSonline and ask the Examination Office to validate the data; please see [Guideline Course Amendment for Copernicus Master \(November 2020 – german version\)](#). All guidelines are available at [website of the Examination Office](#) OR <https://www.master-cde.eu>.

to the Examination Office

last name

first name(s)

address

date of birth

nationality

(mobile) phone number

e-mail address

Please tick if you submit confirmations together with this document:

- Notification(s) of Legal Department (copy) ☐
Anrechnungsbescheide für externe LV; [Guideline for Course Recognition for Curricula 2016 \(German version\)](#)

date

signature

certificates returned on:

date

signature

Curriculum for the Master's Degree in "Copernicus Master in Digital Earth"

(*The date of the **last exam** as well as the **grade point average** will be entered by the examination department!)

Module / Course number	Name of the courses	ECTS	Grade	Date
(1) COMPULSORY MODULES		72		
651_B1	Orientation Project	6		
651.000	651.00 IP Orientation Project	6		
	Last exam*:	Grade point average*:		
651_B2	Methods in Geoinformatics (select 2 or 12 ECTS)	12		
651.200	PS Advanced Remote Sensing	6		
856.134	UE Multivariate Statistics	3		
856.135	PS Spatial Statistics	3		
856.132	PS Geovisualization and Advanced Cartography	6		
856.139	UE/PS Geodata Acquisition	3		
856.135	PS Spatial Simulation	6		
	<i>Additional options identified by CK</i>			
855.224	VU Modelling Geographical Systems	3		
856.113	P Introduction to Data Science and Machine Learning for Geospatial Data	3		
856.908	P Object-based Image Analysis	3		
856.137	P Machine Learning and Data Science for Social Good	3		
	Last exam*:	Grade point average*:		
651_B3	Spatial Analysis and Modelling	6		
856.141	PS Methods in Spatial Analysis	2		
651.300	SE Analysis and Modeling (Remote Sensing)	4		
856.142	SE Analysis and Modelling	4		
	Last exam*:	Grade point average*:		
651_B4	Geo-Application Development (select 6 or 12 ECTS)	6 12		
856.151	VO Basics of Software Development	3		
651.400	PS Practice: Software Development	3		
651.401	IP Application Development (Object-based Image Analysis)	6		
	Last exam*:	Grade point average*:		

Module / Course number	Name of the courses	ECTS	Grade	Date
651_B5	Spatial Data-Infrastructures (select 6 or 12 ECTS)	6 12		
856.161	VO/PS Design of Geospatial Data Models	3		
856.164	VO/PS OpenGIS: Standards, Architectures and Services	3		
856.162	IP SDI Services Implementation	6		
	Last exam*:	Grade point average*:		
651_SS	International Summer Schools	6		
651.601	UE International Summer School I	3		
651.600	UE International Summer School II	3		
	Last exam*:	Grade point average*:		
651_GeoVis	Geovisualization and Geocommunication (UPOL)	24		
651.701	PS Principles of Geovisualisation	6		
651.702	SE Thematic Cartography	6		
651.703	UE Design in Geovisualisation	6		
651.704	UE Web Cartography	6		
	Last exam*:	Grade point average*:		
651_GeoDSc	GeoDSc - GeoData Science (UBS)	24		
651.750	UE Artificial Intelligence	6		
651.751	UE Computer Vision	6		
651.752	UE Big Data	6		
651.753	UE Interactive Data Visualisation	3		
651.754	UE Active and multi-temporal Remote Sensing	3		
	Last exam*:	Grade point average*:		
(2) ELECTIVE SUBJECTS		12		
	PLUS electives			
651.500	UE Spatial Databases	3		
856.114	SE GeoHumanitarian Action	4		
796.993	P Digital Earth: Big Earth Data Concepts	3		
651.808	P e-learning course: Specialization in Copernicus EO*GI services	1		
101.013	SE Space Law	5		
796.912	Disaster Risk management with geoanalytics	4		
651.990	Deutsch für Geoinformatiker_innen	0		

Module / Course number	Name of the courses	ECTS	Grade	Date
UBS and UPOL electives				
651.807	IP GeoData Science Practical Workshop	6		
651.801	P Cognitive Cartography	4		
651.802	P 3D Visualization	4		
651.803	P Cartographic Project	3		
651.804	P Desktop Publishing in Cartography	3		
651.805	P Advanced Visualization Methods	4		
651.806	P Systematic Geovisualization	3		
	Last exam*:	Grade point average*:		
(3) INTERNSHIP		12		
651.INT	Internship	12		
	Last exam*:	Grade point average*:		
(4) MASTER THESIS		24		
651.901	PK ePortfolio	1		
651.902	UE Scientific methods and writing	2		
651.900	SE Master Thesis supervision	2		
651_exam	Master's exam	1		
PAAV	Thesis (Masterarbeit)*	18		
	Last exam*:	Grade point average*:		