

Study Programme: **N0532A330050 - Copernicus Master in Digital Earth**Academic Year: **2026/2027**Credit limit: **120**Specialization: **Copernicus Master in Digital Earth - specialization in Geovisualization and Geocommunication**Version: **2026**Studies: **Full-time**Credit limit: **120**Study plan title: **CDE-GG IA18****Obligatory subjects (A)****Number of courses: 16 credits: 79**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
KGI/XAARS	Advanced Remote Sensing	Teoretický	6	2+3+0	Zp,Zk	1 ZS
KGI/XADE	Digital Earth: Big Earth Data Concepts	Teoretický	3	0+2+0	Zp,Zk	1 ZS
KGI/XACH	Copernicus Hubs and Institutions	Profilující	3	0+0+1	Zp	1 ZS
KGI/XAOBI	Object-Based Image Analysis	Teoretický	3	0+2+0	Zp,Zk	1 ZS
KGI/XAORI	Orientation Project	Profilující	6	2+0+3	Zp	1 ZS
KGI/XAADE	Application Develop. (Earth Observation)	Profilující	3	1+2+0	Zp	1 LS
KGI/XAAM	Analysis and Modelling (Remote Sensing)	Teoretický	3	0+2+0	Zp,Zk	1 LS
KGI/XAPM	Project Management	Profilující	2	0+0+2	Zp	1 LS
KGI/XASD	Practice: Software Development	Profilující	2	0+2+0	Zk	1 LS
KGI/XBCC	Cognitive Cartography	Profilující	3	1+0+2	Zp,Zk	2 ZS
KGI/XBDG	Design and Geocommunication	Profilující	6	2+2+0	Zp,Zk	2 ZS
KGI/XBPG	Principles of Geovisualization	Teoretický	6	2+2+0	Zp,Zk	2 ZS
KGI/XBTM	Thematic Mapping	Teoretický	6	2+2+0	Zp,Zk	2 ZS
KGI/XBWC	Web Cartography	Profilující	6	2+2+0	Zp,Zk	2 ZS
KGI/XB3D	3D Modelling and Visualization	Profilující	3	1+0+2	Zp,Zk	2 ZS
KGI/XBTS	Thesis Seminar		18	0+0+12	Zp	2 LS

Final Examination (A)**Number of courses: 2 credits: 3**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
KGI/XBME	Master's Exam		3	0+0+0	Szv	2 LS
KGI/XBMT	Master Thesis		0	0+0+0	Odp	2 LS

Elective courses 1 (B)**Selection min.: 6 cr.**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
KGI/XAGAC	Geovisual. and Advanced Cartography		6	2+3+0	Zp,Zk	1 ZS
KGI/XAGDM	Design of Geospatial Data Models		3	0+2+0	Zp,Zk	1 ZS
KGI/XAST	Systems Thinking in Spatial Represent.		3	0+0+2	Zp,Zk	1 ZS

Elective courses 2 (B)**Selection min.: 3 cr.**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
KGI/XAIS1	International Summer School I		3	0+0+2	Zp	1 ZS
KGI/XABIP	Blended Intensive Programme (BIP)		6	2+3+0	Zp	1 LS
KGI/XAIS2	International Summer School II		3	0+0+2	Zp	1 LS

Elective courses 3 (B)**Selection min.: 12 cr.**

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
KGI/XAWP1	Collaborative-Based Internship / WP 1		6	2+0+3	Zp	1 ZS
KGI/XAIWP	Skill-Based Internship / Work Placement		12	0+8TS+0	Zp	2 LS
KGI/XAWP2	Collaborative-Based Internship / WP 2		12	0+8TS+0	Zp	2 LS

Optional courses (C)

Abbreviation	Course name	Meaning	Number of credits	Course extent L+T+Sem	Finalization	Recomm. Year Sem.
KGI/XGAVM	Advanced Visualization Methods		4	1+2+0	Zk	2 LS
KGI/XGCP	Cartographic Project		3	0+3+0	Zk	2 LS
KGI/XGDPC	Desktop Publishing in Cartography		3	0+2+0	Zk	2 LS