

**Professional Master - M2**  
**GeoSpatial Sciences & Artificial Intelligence**  
**2026-2027**

Semester 3	Code	Title	Credits	C	TS	LS	Hours
	Common Courses						
	MIAI 504	Neural Networks and Deep Learning	3	7	0	20	27
	MIAI 508	Natural Language Processing	3	7	0	20	27
	ENGL 591	Scientific English & Communication skills	1		20		20
	GeoSpatial Sciences & Artificial Intelligence						
	GSAI 500	Spatial Analysis with GIS	2	7		13	20
	GSAI 501	Remote Sensing	2	7		13	20
	GSAI 502	Geodatabases Concepts: Design & Modelling (including Geospatial Ontologies and	2	7		13	20
	GSAI 503	Web GIS (Management and development)	3	7		15	22
	GSAI 504	Big Data Analytics: Tools and Techniques	3	14	11		25
	GSAI 505	Python for Geospatial AI	3	14	11		25
	GSAI 506	Project Management & Leadership Skills Development. Key Skills of Entrepreneurship & Innovation Adoption	2	7		13	20
	GSAI 507	AI for Earth Observation	3	14		11	25
	GSAI 508	Applying Computer Vision to Geospatial Analytics	3	15		10	25
	Total		30	106	42	128	276

Semester 4	Course						
	Code	Title	Credits	C	TS	LS	Hours
	GSAI 580	Master Thesis	30				130
	Total		30				130

