



Department of Atmospheric Sciences
Three-Year Graduate Certificate Course Rotation

The following course rotation is tentative and may be adjusted based on need or availability of Departmental resources

Fall		Spring		Summer	
2023-24	ATMS 517 Data Science for the Geosciences	ATMS 517 Data Science for the Geosciences	ATMS 517 Data Science for the Geosciences	GGIS 407 Foundations of CyberGIS and Geospatial Data Science	
	ATMS 520 Weather and Climate Phenomena and Hazards	ATMS 523 Weather and Climate Data Analytics	ATMS 523 Weather and Climate Data Analytics		
	GGIS 407 Foundations of CyberGIS and Geospatial Data Science	ATMS 526: Risk Analysis in the Geosciences	ATMS 526: Risk Analysis in the Geosciences		
		GGIS 407 Foundations of CyberGIS and Geospatial Data Science	GGIS 407 Foundations of CyberGIS and Geospatial Data Science		
Fall		Spring		Summer	
2024-25	ATMS 517 Data Science for the Geosciences	ATMS 517 Data Science for the Geosciences	ATMS 517 Data Science for the Geosciences	GGIS 407 Foundations of CyberGIS and Geospatial Data Science	
	ATMS 520 Weather and Climate Phenomena and Hazards	ATMS 521 Climate Analysis, Variability and Prediction	ATMS 521 Climate Analysis, Variability and Prediction		
	GGIS 407 Foundations of CyberGIS and Geospatial Data Science	ATMS 526 Risk Analysis in the Geosciences	ATMS 526 Risk Analysis in the Geosciences		
		GGIS 407 Foundations of CyberGIS and Geospatial Data Science	GGIS 407 Foundations of CyberGIS and Geospatial Data Science		
Fall		Spring		Summer	
2025-26	ATMS 517: Data Science for the Geosciences	ATMS 517 Data Science for the Geosciences	ATMS 517 Data Science for the Geosciences	GGIS 407 Foundations of CyberGIS and Geospatial Data Science	
	ATMS 520 Weather and Climate Phenomena and Hazards	ATMS 526 Risk Analysis in the Geosciences	ATMS 526 Risk Analysis in the Geosciences		
	ATMS 523 Weather and Climate Data Analytics	GGIS 407 Foundations of CyberGIS and Geospatial Data Science	GGIS 407 Foundations of CyberGIS and Geospatial Data Science		
	GGIS 407 Foundations of CyberGIS and Geospatial Data Science				