

CORE	Geospatial Analysis	Cartographic Sciences and Geovisualization	Remote Sensing/ Imagery Science	Photogrammetry	Information Science	Aeronautical Analysis
Geo-Referencing Systems	Geospatial analytic reasoning and problem solving fundamentals	Foundations of Cartography	Remote Sensing Collection Platforms	Photogrammetric Theory	Spatial Applications of Big Data	Airspace Analysis
Spatial Data Fundamentals	Foundations of Spatial Thinking	Mapping and Design Principles	Radiometry	Photogrammetric Application	Advanced Spatial Analysis Through Programming	Airway Analysis
Remote Sensing Fundamentals	Geometric Measures	Extraction and Generalization of Geospatial Data for Geographic Visualization and Cartography	Electro-Optical (EO) Sensor Science	Close Range Photogrammetry	Spatial Query Operations and Query Language	Airfield Analysis
Spatial Data Management	Analysis of workflow in project management	Integration of Geospatial Information Sources	Thermal Remote Sensing	Mathematics, Statistics, and Optimization		Flight Procedure Analysis
Geospatial Data Standards	Analysis of topographic or field-based data		Basic Radar Science	Digital Photogrammetry		
Effective Visual Communications of Spatio-temporal information	Geostatistics and Spatial Econometrics		Lidar Data Collection and Processing			
Professional Ethics in Geospatial Information Science and Technology	Network Analysis		Remote Sensing Data Analysis			
Geospatial Analysis	Optimization and location-allocation Modeling		Digital Image Processing			
Errors in Geospatial Information	Spatial Data Integration		Computational Radiometry			
			Imagery Time Series Analysis			