

Geospatial Science & Technology

Two-year Plan - Fall 2017 to Spring 2019

COURSE	UNDERGRADUATE	GRADUATE	DELIVERY	FALL 2017	SPRING 2018	FALL 2018	SPRING 2019
Foundations of Geospatial Data Analysis	GEOS 3013	GEOS 5043	online	Cothren	Cothren	Cothren	Cothren
Introduction to Cartography	GEOS 3023		campus	Paradise		Paradise	
Geospatial Technologies Computational Toolkit	GEOS 3103	GEOS 5073	online	Shi	Shi	Shi	Shi
Geospatial Applications and Information Science	GEOS/ANTH 3543	GEOS 5543	campus online	Limp	Limp	Limp	Limp
Spatial Analysis Using ArcGIS	GEOS 3553	GEOS 5553	online	Giannakis	Giannakis	TBD	TBD
Geospatial Data Mining	GEOS 3563	GEOS 5083	online	Cothren	Cothren	Cothren	Cothren
Introduction to Geodatabases	GEOS 3593	GEOS 5593	online	Giannakis	Giannakis	TBD	TBD
GIS for Environmental Science	ENSC 3603		campus				Skinner
Digital Earth	GEOS 360V		campus	Shi		Shi	
Radar Remote Sensing	GEOS 4133	GEOS 5133	campus				Aly
Internship in GIS & Cartography	GEOS 440V	GEOS 550V	campus	x	x	x	x
Principles of Remote Sensing	GEOS 4413	GEOS 5213	campus	Aly		Tullis	
Introduction to GIS Programming	GEOS 4513	GEOS 5513	campus	Shi		Shi	
Introduction to Raster GIS	GEOS/ANTH 4553	GEOS 5453/ANTH 5553	campus	Kvamme		Kvamme	
Introduction to Global Positioning Systems and Global Navigation Satellite Systems	GEOS/ANTH 4593	GEOS 5293/ANTH 5593	campus	Limp		Limp	
Geospatial Unmanned Aircraft Systems	GEOS 4793/4793H	GEOS 5793	campus	Limp Cothren		Tullis Limp Cothren	
Operations Management of Unmanned Aircraft Systems (To be cross-listed in GEOS)		OMGT 5903	campus		Ham Tullis		Ham Tullis
Internet GIS (Currently listed as: <i>Introduction to Internet GIS</i>)	GEOS 4643	GEOS 5643	campus		Shi		Shi
Cartographic Design and Production	GEOS 4523	GEOS 5523	campus		Paradise		Paradise
GIS Workflows (Currently listed as: <i>Vector GIS</i>)	GEOS 4583/ANTH 4563	GEOS 5583/ANTH 5563	campus				Tullis
GIS Analysis and Modeling	GEOS/ANTH 4653	GEOS/ANTH 5653/ ENDY 5043	campus		Aly		Aly
Quantitative Techniques in Geosciences/Quantitative Anthropology	GEOS/ANTH 4863	GEOS/ANTH 5863	campus		Cothren		Kvamme
Remote Sensing of Natural Resources		GEOS 5423	campus		Tullis		
Seminar in Geoinformatics (Number will change to 5000-level)		GEOS 6013	campus				

Campus geospatial courses are typically offered in one of the **Center for Advanced Spatial Technologies (CAST)** laboratories in the JB Hunt Center for Academic Excellence. The online courses support an undergraduate ***Certificate of Proficiency in Geospatial Technologies*** as well as a ***Graduate Certificate in Geospatial Technologies*** (see <https://online.uark.edu>). For questions about these courses, the online certificates, or various degree options that emphasize geospatial studies, please talk with a member of the ***Geoinformatics Group*** at University of Arkansas:

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