

# CERTIFICATE IN UNMANNED AERIAL SYSTEMS AND IMAGE ANALYSIS

*Business & Public Management*

## Curriculum

Code	Title	Credits
<b>Required Courses</b>		
GEO 225	Introduction to Maps and Remote Sensing	3
or ESS 435	Remote Sensing	
GEO 307	Fundamentals of Unmanned Aerial Systems and Image Analysis	3
GEO 324	Intro to Geographic Information Systems	3
<b>Electives</b>		
Select one elective course from the following list (or others by advisement):		3
BIO 471	Wetlands	
BIO 476	Freshwater Ecology	
CRJ/GEO 215	GIS for Criminal Justice Careers	
ENV 435	Environmental Health Workshop	
ENV 445	Risk Assessment	
ENV 447	Environmental Regulations	
ESS 323	Gen'l Geol Field Studies of SE Pennsylvania	
ESS 435	Remote Sensing	
ESS 442	Geophysics	
ESS 490	Soils and Engineering Geology	
GEO 338	Environmental Application of Geographic Information Systems (GIS)	
GEO 424	Geographic Information Systems Application	
MKT 351	Campaign and Promotions Management	
MKT 370	Marketing Technology	
PLN 214	Introduction to Planning	
PLN/GEO 336	Environmental Planning	
<b>Total Minimum Credits Required</b>		<b>12</b>