



UNIVERSIDAD POLITÉCNICA DE PUERTO RICO
GRADUATE PROGRAM IN GEOSPATIAL SCIENCE & TECHNOLOGY
2018 - 2020



COURSE	COURSE TITLE	PRE-REQUISITES	2018-2019			2019-2020		
			FA	WI	SP	FA	WI	SP
CORE COURSES								
GEOM 6630	Geospatial Modeling & Analysis	GEOM 5600 or Undergraduate Course in GIS and MGM 5700 or Undergraduate Course in Statistics	X				X	
GEOM 6632	Spatial Database Management Systems			X				X
GEOM 6634	Cartography, Map Design & Geovisualization					X		
GEOM 6710	Image Acquisition, Analysis and Processing				X			
GEOSPATIAL ADVANCED COURSES								
GEOM 6637	Photogrammetry	GEOM 5600 or Undergraduate Course in GIS and MGM 5700 or Undergraduate Course in Statistics				X		
GEOM 6638	Geospatial Programming Fundamentals			X				
GEOM 6639	Geospatial Technology Project Management		X					
GEOSPATIAL APPLICATIONS COURSES								
GEOM 6644	Web Mapping Applications	GEOM 5600 or Undergraduate Course in GIS and MGM 5700 or Undergraduate Course in Statistics			X			
GEOM 6646	Environmental Assessment & Geospatial Tech.							X
GEOM 6648	Business Geography		X					
GEOM 6650	Surface Water Hydrology for GIS					X		
GEOM 6652	GIS for Transportation Engineering						X	
RESEARCH PROJECT								
GMP 6510	Research Methodology	18 Credits Approved	X	X	X	X	X	X
GEOM 6690	Master Research Project	GMP 6510 and Approval Required	X	X	X	X	X	X
GEOM 6691	Master Research Project Extension	GMP 6510 and Approval Required	X	X	X	X	X	X