



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

2026 - 2027

COURSE	COURSE TITLE	PRE-REQUISITES	2026-2027		
			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	
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		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
GEOM 6690	Master Research Project	GMP 6510 and Approval Required	X	X	X
GEOM 6691	Master Research Project Extension	GEOM 6690 and Approval Required	X	X	X