Universidad Politécnica de Puerto Rico
Graduate School
Master Program in Geospatial Science and Technology

M.G.S.T.
Geospatial Science and Technology

Core Courses: 12 credit-hours
Advanced Courses: 9 credit-hours
Geospatial Applications Courses: 9 credit-hours
Research Project Courses: 6 credit-hours
Total: 36 credit-hours

Core Courses
12 credits-hours

- GEOM 6630 – Geospatial Modeling and Analysis
- GEOM 6632 – Spatial Database Management Systems
- GEOM 6634 – Cartography, Map Design and Geovisualization
- GEOM 6710 – Image Acquisition, Analysis and Processing

Advanced Geospatial Courses
9 credits-hours

- GEOM 6636 – Spatial Digital Quality
- GEOM 6638 – Geospatial Programming Fundamentals
- GEOM 6712 – Advanced Image Analysis and Processing

Geospatial Application Courses
Must select 9 credits-hours

- GEOM 6520 – GNSS for Geospatial Professionals
- GEOM 6640 – Geospatial Urban and Regional Applications
- GEOM 6642 – Land Information Systems Design and Implementation
- GEOM 6644 – Web Mapping Applications
- GEOM 6646 – Environmental Assessment and Geospatial Technology
- GEOM 6648 – Business Geography

Research Project Courses
(6 credits)

- GEOM 6680 – Research Design and Methods
- GEOM 6690 – Master Research Project
- GEOM 6691 – Master Research Project Extension

Contact Information:
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