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- Overview
- Teaching
- Resources
- Needs

- Overview
 - Provides advanced training in GIS+
 - Focused on technology (instead of specific applications)
 - Focused on Enterprise GIS
 - Web-based
 - Involving database
 - Programming + scripting
 - Mobile GIS
 - Offers both MPS degree and Graduate Certificate
 - Annual enrollment (60 = spring + fall)
 - <http://www.geog.umd.edu/gis/>

- MPSGIS Teaching

Course #	Course Title	Credits	Core Course
Geog652	Digital Image Processing & Analysis	3	Yes
Geog653	Spatial Analysis	3	Yes
Geog651	Spatial Statistics	3	Yes
Geog654	GIS and Spatial Modeling	3	Yes
Geog655	Spatial Databases	3	Yes
Geog656	Programming and Scripting for GIS	3	Yes
Geog677	Internet GIS	3	Yes
Geog657	Web Programming	3	Yes
Geog797	Capstone Project	3	Yes
Geog795	GIS Professional Seminar	1	Yes
Geog796	GIS Project Management	3	Yes
Geog650	Mobile GIS	3	No
Geog662	Advanced Remote Sensing with Lidar	3	No
Geog579C	Introduction to Computer Programming	3	No
Geog678*	Open Source GIS	3	Yes

- Resources
 - Personnel
 - 3 FT lectures
 - 2 PT lecturers
 - Hardware
 - GIS Servers for teaching (2)
 - Software
 - Free ArcGIS products for all enrolled students (EDC)
 - Free credits for using the cloud - ArcGIS Online.

- Resources ('continued')
 - Students
 - Many skilled students who are qualified and also willing to provide support to GIS-related research and teaching
 - Other
 - The MPSGIS program is one of EDCs.
 - Students with diverse academic background and professional expertise and experiences.
 - USDA, VA, NOAA, NASA, NGA, Census Bureau

- Needs
 - Teaching capability and capacity
 - Research opportunities for students
 - Career and internship opportunities
 - Support on student recruitment