

Fall and Spring Course Offerings

The listing below is a general guideline as to when particular courses relevant to the MGIS degree are offered. Please realize that the terms courses are offered may be subject to change depending on faculty leaves, inability to predict course offerings in other departments and other factors.

FALL				
Course Type	Course ID	Title	Instructor	Credits
Core	GEOG 5561	Principles of GI Science	Varies	4.0
	GEOG 5562	GIS and Analytical Cartography	Lindberg	3.0
	GEOG 8290, 8291, or 8290 <i>(see note 2 below)</i>	GIS Seminar	Varies	3.0
	FR 5131	GIS for Natural Resources	Bolstad	4.0
	FR 5262	Remote Sensing of Nat. Res. & Env.	Knight	4.0
	FR 5412	Digital Remote Sensing	Bauer	3.0
	ESPM 5295	GIS in Env. Sci. & Mgmt.	Bolstad	4.0
	GIS 8501	Survey of GI Science	S. McMaster	3.0
Technology	GIS 5571	ArcGIS I	Lindberg	3.0
	GIS 5573	Desktop Mapping	Hansen	1.5
	GIS 5574	GIS and the Internet	Fischer	1.5
	GIS 5555	Basic Spatial Analysis	Manson	3.0
Electives	GEOG 5531 <i>(see note 1 below)</i>	Numerical Spatial Analysis	Edsall	4.0
	GEOG 5605W/PA 5203W	Geographic Perspectives on Planning	Miller	3.0
	GEOG 8211	Environmental Policy	Squires	3.0
	FR 5114	Hydrology and Watershed Mgmt	Brooks	3.0
	FR 8205	Res. Prob.: Spatial Data Analysis	Bauer/Bolstad	1-5
	CSCI 4041	Algorithms and Data Struc.	Varies	4.0
	CSCI 4131	Internet Programming	Sturtivant	3.0
	CSCI 4707	Practice of Database Systems	Varies	3.0
	CSCI 5707	Principles of Database Sys.	Varies	3.0

SPRING				
Course Type	Course ID	Title	Instructor	Credits
Core	GEOG 5563	Advanced GI Science	Harvey	3.0
	GEOG 5564*	Urban GIS (*alternates with Cartography in Spring—next offered Spring 2011)	Varies	3.0
	GEOG 5511*	Principles of Cartography (*alternates with Urban GIS in Spring—next offered Spring 2010)	Varies	3.0
	GEOG 5565 (<i>see note 1 below</i>)	Geog. Analysis of Environmental Systems and Global Change	Manson	3.0
	GEOG 8290, 8291 or 8292 (<i>see note 2 below</i>)	GIS Seminar	Varies	3.0
	FR 5131	GIS for Natural Resources	Jenks	4.0
	FR 5262	Remote Sensing of Nat. Resources & Environment	Bauer	4.0
Technology	GIS 5572	ArcGIS II	Lindberg	3.0
	GIS 5575	Surveying and GPS	Zenk	2.0
	GIS 5577	Spatial Data Admin.	Wood	3.0*
	GIS 5578	GIS Programming	Loesch	3.0
	ESPM 5031	Applied GPS for GIS	Bolstad/Jenks	3.0
Electives	GEOG 5361	Geog. and Real Estate	Squires	4.0
	FR 8205	Res. Prob.: Spatial Data Analysis	Bauer/Bolstad	1-5
	CSci 5708	Architecture and Implementation of DBMS	Mokbel	3.0
	CSCI 8715*	Spatial Databases (*alternates every other term; next offered Spring 2010)	Shekhar	3.0

NOTES:

- (1) ***GEOG 5511 and 5565 will be offered in Spring 2010. GEOG 5531, 5562, and GIS 5555 will be offered in Fall 2010.***
- (2) At least one 829x seminar is offered each term but the specific one will vary depending on instructor availability. ***GEOG 8292 will be offered Spring 2010. GEOG 8291 will be offered in Fall 2010.***
- (3) GIS 8990 (Plan B credits) and GIS 5530 (GIS Internship) are other options you may want to consider to earn credits associated with an internship or Plan B project. The latter would normally work if you are doing one large Plan B project in place of the three Plan B option.