

Degree Plan: Master of Science in Geographic Information Sciences, 2006-2008 Graduate Catalog			
Student Name/ID	Transfer Credit Graduate Hours	Institution	
Pre-requisites			Where
GISC 6381 GIS Fundamentals/Intro to GIS			When
GISC 6382 Applied GIS or equivalent			
Base Requirement (9 credit hours/select 3 courses):		Semester	Grade
<i>Statistics (1 or 2 courses)</i>			
GEOS 5306 Data Analysis for Geoscientists			
ECO 6311 Statistics for Economists			
POEC 5313 Descrip. & Inferential Stats. Or its Equivalent			
POEC 5316 Advanced Regression			
<i>Computing (1 or 2 courses)</i>			
GEOS 5303 Computing for Geoscientists			
GISC 5317 Computer Programming for GIS			
GISC 7363 Internet Mapping			
GISC 6388 GIS Application Development			
MIS 6326 Database Management Systems			
Core Requirements (9 credit hours/3 courses):			
POEC 6383 Management & Implementation of Geographic Information Systems			
GISC 6384 Spatial Analysis & Model or GEOS equiv.			
GISC 6387 GIS Workshop or GEOS equiv.			
Research Project Requirement (3 hours):			
GEOS 8000-Level Research Course (Instr. Initials _____)			
or GISC 6389 GIS Master's Project			
Elective Course (at least 9 credit hours of the following, not duplicated elsewhere):			
GEOS 5325 Introduction to Remote Sensing			
GEOS 5326/GISC7365 Remote Sensing Digital Image Processing			
GEOS 5327 Applied Remote Sensing			
GEOS 5422 GPS Satellite Surveying Techniques			
GEOS 5423 GIS Applications to Geosciences			
GEOS 5481 Digital Geophysical Signal Processing			
MIS 6308 Systems Analysis and Project Management			
MIS 6324 Decision Support Systems			
MIS 6326 Database Management Systems			
MIS 6328 Information Strategy Planning			
GISC 6379 Special Topics in Geographic Information Sciences			
GISC 6380 Spatial Concepts and Organization			
GISC 6385 GIS Theories, Models and Issues			
GISC 6386 Urban & Environmental Applications of GIS			
GISC 6332 (POEC 6332)GIS Applications in Criminology			
GISC 7360 GIS Pattern Analysis			
GISC 7361 Spatial Statistics			
GISC 7362 GIS Network Modeling			
GISC 7363 Internet Mapping & Information Processing			
GISC 6388 GIS Application Development			
GISC 7364 (PA 7364, SOC 6364) Demographic Analysis and Modeling			
GISC 7387 Research Design in GIS			
or as approved by GIS director			
Additional Courses:			
Total Hours to Date:			
Total Hours at Graduation:			