Degree Plan: Master of Science in Geographic Information Sciences, 2006-2008 Graduate Catalog		
2/5/2008		
Student Name/ID **Transfer Credit Graduate Hours**		
Institution		
Pre-requisites	**Where**	**When**
GISC 6381 GIS Fundamentals		
GISC 6382 Applied GIS or equivalent		
Base Requirement (9 credit hours/select 3 courses):	**Semester**	**Grade**
Statistics (1 or 2 courses)		
GEOS 5306 Data Analysis for Geoscientists		
ECO 6311 Statistics for Economists		
POEC 5313 Descrip. & Inferential Stats. Or its Equivalent		
POEC 5316 Advanced Regression		
Computing (1 or 2 courses)		
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):		
GISC 6383 GIS Management & Implementation		
GISC 6384 Spatial Analysis & Modeling		
GISC 6387 GIS Workshop or GEOS 7327/GISC 7367 Remote Sensing Workshop		
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		
GISC 6332 (POEC 6332)GIS Applications in Criminology		
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 6388 GIS Application Development		
GISC 7360 GIS Pattern Analysis		
GISC 7361 Spatial Statistics		
GISC 7362 GIS Network Modeling		
GISC 7363 Internet Mapping & Information Processing		
GISC 7364 (PA 7364, SOC 6364) Demographic Analysis and Modeling		
GISC 7387 Research Design in GIS		
MIS 6308 Systems Analysis and Project Management		
MIS 6324 Decision Support Systems		
MIS 6326 Database Management Systems		
MIS 6328 Information Strategy Planning		
or as approved by GIS director		
Additional Courses:		
Total Hours to Date:		
Total Hours at Graduation:		