Student Name | ID Number

MINOR
GEOGRAPHIC INFORMATION SYSTEMS
2009 - 2010

PROGRAM REQUIREMENTS		REQ	COMP	NEED
GIS 271	Intro/Geographic Info Systems	4		
GIS 471	Advanced GIS	4		
GIS 481	Remote Sensing	4		
CS 111	Foundations of Programming	4		
CS 245	Databases	4		
	TOTAL	20		

PROGRAM ELECTIVES - 3 credits required				
CS 216	Scripting Languages	3		
CS 345	Inform/Knowledge Mgmt			
GIS 390/490	Directed Study in GIS			
	TOTAL	3		

SUMMARY			
PROGRAM REQUIREMENTS	20		
PROGRAM ELECTIVES	3		
TOTAL	23		

NOTES, SUBSTITUTIONS & WAIVERS

Division Chair **Date**

Advisor **Date**

Student Name | ID Number

MINOR
GEOLOGY/EARTH SCIENCE
2009 - 2010

PROGRAM REQUIREMENTS	REQ	COMP	NEED
GEOL 100 Environmental Earth Science	4		
GEOL 102 Historical Geology	4		
GEOL 313 Earth Materials I	4		
GEOL 314 Earth Materials II	4		
TOTAL	16		
PROGRAM ELECTIVES			
Take 5 credits of Upper division Geology/Earth Sciences			
GEOL 300/400	5		
GEOL 300/400			
TOTAL			

SUMMARY			
Program Requirements	16		
Program Electives	5		
TOTAL	21		

NOTES, SUBSTITUTIONS & WAIVERS

Division Chair **Date**

Advisor **Date**