GEOGRAPHY-EARTH SCIENCE PROGRAM Name:_____

Choose one track listed below

Geoenvironmental Minor (21 Cr)

Physical Components: Air (select 1)

- ESS 111 Introduction to Atmosphere
- GEO 203 Climatology
- ESS 207 Atmospheric Studies
- ESS 355 Meteorology
- ESS 404 Applied Meteorology*

Physical Components: Water (select 1)

- ESS 220 Oceanography *
- GEO 226 Hydrology

Physical Components: Land : (Select 1)

- ESS 110 Introduction to Geology
- ESS 210 Physical Geology

Techniques: (Select 1)

- GEO 202 GIS I
- GEO 363 GIS II*
- GEO 420 GIS III*
- GEO 425 Image Processing

Techniques (continued):

- GEO 440 Field Techniques
- GEO 441 Quantitative Methods
- GEO 445 Remote Sensing

Human Applications:

(Select 1)

- ESS 108 Conserv of Natural Resources
- GEO 224 Soils*
- GEO 306 Geomorphology

(Select 1)

- GEO 402 Medical Geography
- ESS 442 Environmental Geology*
- GEO 444 Env Land Use Planning

(Select 1)

- GEO 301 Introduction to Biogeography
- ESS 413 Mineral and Rock Resources*
- GEO 446 Water Resource Management

Geoscience Minor (21 Cr)

Earth Materials & Processes (select 1)

- ESS 110 Introduction to Geology
- ESS 210 Physical Geology

Required

- ESS 212 Historical Geology*

Physical Components: Air (select 1)

- ESS 111 Introduction to Atmosphere
- GEO 203 Climatology
- ESS 207 Atmospheric Studies
- ESS 355 Meteorology

Physical Components: Water (select 1)

- ESS 220 Oceanography*
- GEO 226 Hydrology

Human Applications: (select 1)

- GEO 224 Soils*
- GEO 306 Geomorphology*

Advanced Earth Processes (select 1)

- ESS 340 Marine Geology
- ESS 413 Mineral and Rock Resources*
- ESS 442 Environmental Geology*

Techniques: (Select 1)

- GEO 202 GIS I
- GEO 363 GIS II*
- GEO 420 GIS III*
- GEO 440 Field Techniques
- GEO 445 Remote Sensing

Urban and Rural Planning (21 Cr)

(Select 1)

- GEO 101 World Geography
- GEO 103 Geography of U.S. and Canada
- ESS 108 Conserv of Natural Resources

(select 1)

- GEO 230 Economic Geography
- GEO 310 Transportation Geography
- GEO 314 Industrial Geography
- GEO 322 Urban Geography

(both required)

- GEO 244 Land Use
- GEO 444 Env Land Use Planning

Technique Preparation: (select 3)

- GEO 202 GIS I
- GEO 363 GIS II*
- GEO 420 GIS III*
- GEO 425 Image Processing
- GEO 440 Field Techniques
- GEO 441 Quantitative Methods
- GEO 445 Remote Sensing

Note: at least 2 courses must be 300-400 level.

**** indicates course has prerequisit.***

GEOGRAPHY-EARTH SCIENCE PROGRAM

Name:_____

Choose one track listed below

Note: at least 2 courses must be 300-400 level.

**** indicates course has prerequisit.***

World Regional Systems (21 Cr)

(required)		**(select 2)**	
GEO 101 World Geography		GEO 201 Geography of Latin America	
GEO 103 Geography of U.S. and Canada		GEO 213 Geography of South-South East Asia	
(select 3)		GEO 214 Geography of East Asia	
GEO 230 Economic Geography		GEO 217 Geography of Australia and Oceania	
GEO 310 Transportation Geography		GEO 305 Geography of Europe*	
GEO 314 Industrial Geography		GEO 440 Field Techniques	
GEO 320 Historical Geography			
GEO 322 Urban Geography			
GEO 326 Political Geography*			

Note: at least 2 courses must be 300-400 level.

**** indicates course has prerequisit.***