

**Degree Audit Sheet**  
**B.S. Applied Geographic Information Science**

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_

Expected Date of Graduation \_\_\_\_\_ Dept. Head Approval \_\_\_\_\_

		<b>Grade</b>
<b>GIS Core Requirements (21 cr)</b>		
EVRN126 Mapping & Air Photo	2	_____
EVRN131 Intro to GIS & GPS	2	_____
EVRN231 GIS Principles II	2	_____
EVRN325 Geospatial Anal. III	3	_____
EVRN345 Spatial Stats	4	_____
EVRN 355 VBA and GIS	4	_____
EVRN465 Geogr. Databases & Web GIS	4	_____
<b>Natural and Social Sciences Core (35 cr)</b>		
NSCI103 Intro to Environmental Science	3	_____
NSCI104 Intro to Env. Science Laboratory	1	_____
GEOG106 Physical Geography:Landforms	4	_____
GEOG210 World Regional Geography	4	_____
GEOG306 Cultural Geography	4	_____
RECS362 Land Management	3	_____
ECON202 Microeconomics	3	_____
SOCY102 Social Problems	3	_____
Select one from the following		
BIOL107 Field Biology	3	_____
BIOL132 General Biology	4	_____
CHEM108 Applied Chem		
And CHEM109 Appl. Chem lab	4	_____
CHEM115 General Chem I	5	_____
GEOL121 Physical/Hist. Geology I	4	_____
GEOL115 Field Geology	4	_____
<b>Computer Science Cognate (6cr)</b>		
CSCI105 Computer Programming	3	_____
CSCI211 Database Applications	3	_____
<b>Junior and Senior Thesis and Internship (6cr)</b>		
EVRN395 Junior Seminar or equivalent	1	_____
EVRN495 Senior Project or equivalent	1	_____
EVRN499 Senior Seminar or equivalent	1	_____

GEOG492 Individual Studies 2-4 \_\_\_\_\_

**Concentration Areas (select one) (15 cr)**

Ecology concentration:

BIOL240 Natural History of Vertebrates 4 \_\_\_\_\_  
BIOL280 Biometrics 3 \_\_\_\_\_  
BIOL337 General Ecology 3 \_\_\_\_\_  
BIOL339 Wildlife Ecology 3 \_\_\_\_\_  
BIOL345 Limnology 3 \_\_\_\_\_

Emergency Preparedness concentration:

CJUS102 Polic Process 3 \_\_\_\_\_  
FIRE101 Intro to Fire Science 3 \_\_\_\_\_  
FIRE111 Hazardous Materials 3 \_\_\_\_\_  
FIRE211 Tactics and Strategy 3 \_\_\_\_\_  
FIRE312 Hazardous Materials Mgmt. 4 \_\_\_\_\_  
FIRE315 Company Level Sup. & Mgmt. 3 \_\_\_\_\_

Geography concentration:

GEOG108 Physical Geography 4 \_\_\_\_\_  
GEOG302 Economic Geography 4 \_\_\_\_\_  
GEOG electives (200 or above) 7 \_\_\_\_\_

Geology concentration:

GEOL122 Physical and Hist. Geology II 4 \_\_\_\_\_  
GEOL218 Structural Geology & Techtonics 5 \_\_\_\_\_  
GEOL223 Mineralogy & Petrology 5 \_\_\_\_\_  
GEOL280 Intro to Field Geology 3 \_\_\_\_\_

Loss Control concentration:

CJUS212 Loss Control 3 \_\_\_\_\_  
CJUS306 Security Systems 3 \_\_\_\_\_

Six hours from: 6 \_\_\_\_\_

CJUS202 Canadian Criminal Law  
CJUS319 Substantive Criminal Law  
CJUS406 Adv. Canadian Jurisprudence  
CJUS409 Procedural Criminal Law

Nine hours from: 9 \_\_\_\_\_

MGMT365 Human Resource Mgmt  
CSCI101 Intro to Microcomputers  
MGMT451 Labor Law  
MRKT281 Marketing Principles

MGMT360 Principles of Management

Natural Resources concentration:

BIOL140 Intro to Fish & Wildlife	1	_____
BIOL230 Soils	4	_____
BIOL284 Forestry	4	_____
BIOL286 Watershed Management	3	_____
ECON307 Environmental Economics	3	_____

Marketing concentration:

MRKT281 Principles and Strategy	3	_____
MRKT480 Marketing Research	3	_____
MGMT375 Intro Supply Chain Mgmt	3	_____
MRKT elective 300 or higher	3	_____
MRKT elective 300 or higher	3	_____

Programming and Development concentration:

CSCI106 Adv. Web Page Design/Site Adm.	3	_____
CSCI121 Principles of Programming	3	_____
CSCI221 Computer Networks	3	_____
CSCI312 File and Database management	3	_____
CSCI333 Systems Programming	3	_____

Public Administration concentration:

PSCI201 Intro to Public Administration	3	_____
PSCI301 Policy Analysis and Evaluation	4	_____
PSCI401 Principles of Public Admin.	4	_____
ECON305 Public Finance	3	_____
ECON307 Environmental Economics	3	_____

Recreation Management concentration:

RECS101 Intro to Recreation & Leisure	3	_____
RECS260 Outdoor Recreation	3	_____
RECS295 Practicum	2	_____
RECS365 Expedition Management	4	_____

Environmental Science concentration:

EVRN285 Principles of Epidemiology	3	_____
EVRN311 Environmental Law	3	_____
EVRN313 Solid & Haz. Waste Mgmt	3	_____
ECON307 Environmental Economics	3	_____
BIOL337 General Ecology	3	_____

Operations Research concentration:

MATH215 Fundamental Concepts of Math	3	_____
MATH351 Graph Theory	3	_____

MATH401 Mathematical Modeling	3	_____
MGMT375 Intro Supply Chain Mgmt	3	_____
One course at 200 level or higher selected from ECON, MGMT, FINC, MATH, CSI	3	_____

Social Science concentration:

SOCY101 Intro Sociology	3	_____
SOCY202 Social Research Methods	3	_____
SOCY227 Population and Ecology	3	_____
SOCY303 Contemp. Sociological Theory	3	_____
SOCY314 Social Change	3	_____

**Other Departments and General Education (29 cr)**

Natural Science

Satisfied by Natural and Social Sciences core

Mathematics

MATH207 Statistics <b>or</b>	3	_____
BUSN211 Business Statistics <b>or</b>		
PSCY210 Statistics <b>or</b>		
CJUS344 Statistics & Design of Pub. Safety		
MATH111 College Algebra	3	_____
MATH112 Calculus for Busn. & Life Sci.	4	_____

Social Science

Satisfied by Natural and Social Sciences Core

Communication

ENGL110 Freshman Composition I	3	_____
ENGL111 Freshman Composition II	3	_____
COMM101 Fundamentals of Speech Com.	3	_____
ENGL306 Technical Writing	3	_____

Diversity

Satisfied by the Natural and Social Sciences Core

Humanities

HUMN251 Humanities I	4	_____
Approved humanities	3	_____

Electives to total 124 credit hours                      20 or less \_\_\_\_\_