

# Slippery Rock University of Pennsylvania – Curriculum Guide

## Bachelor of Science in Geography – Applied Geographic Technology Track

LIBERAL STUDIES REQUIREMENTS (48-49 credits)				
See Liberal Studies Guide for Goal and Enrichment choices				
GOAL COURSE REQUIREMENTS				
Complete Goal requirements as indicated below (39-40 Credits)				
✓	Course	Title	Cr	Gr
<b>Basic Requirements - ENGL101&amp;103 required if student entered SRU prior to Fall 2011. ENGL102 required if student entered SRU Fall 2011 forward.</b>				
	ENGL 101 <i>and</i>	College Writing I	<i>and</i>	3
	ENGL 103 <i>or</i>	College Writing II	<i>or</i>	3
	ENGL 102	College Writing		3
	COMM 200	Public Speaking★		3
	ENGL 210	Interpreting Literature★		3
<b>The Arts</b>				
	Goal			3
<b>Global Community</b>				
	Goal – Non-US			3
	Goal – Non-US			3
	Goal - US			3
<b>Human Institutions/Interpersonal Relationships</b>				
	Goal			3
<b>Science, Technology &amp; Math</b>				
	Goal – Sci			3
	Goal – Sci			3
	Lab – Sci			0-1
	MATH			3
<b>Challenges of the Modern Age</b>				
	Goal			3
<b>ENRICHMENT COURSE REQUIREMENTS</b>				
Choose one course from three of the following Enrichment areas (9 credits)				
<b>The Arts Enrichment</b>				
<b>Global Community Enrichment</b>				
<b>Human Institutions/Interpersonal Relationships Enrichment</b>				
<b>Science, Technology &amp; Math</b>				

COMPUTER COMPETENCY (for students entering Fall 2008 and after)				
Students must demonstrate "computer competency" by:				
	Passed Exam	Pass Computer Competency Exam at SRU Orientation		
<b>OR</b>	CPSC _____	<b>Complete one of the following courses:</b> CPSC 100, 110, 130 or 210 at SRU or another post-secondary institution	1-3	

OTHER BASIC REQUIREMENTS				
Check with your advisor or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.				
	ACSD 110	Beginning Algebra	3	

### IMPORTANT CURRICULUM GUIDE NOTES

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisors to ensure accurate progress towards degree completion. *The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.*

★ Indicates this course may have a prerequisite. Refer to the Undergraduate Online Catalog.

◊ Indicates this course may count as a Major Requirement and a Liberal Studies requirement, **but you will only receive credit once towards your 120 credit total.**

Student's Name: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor's Name: \_\_\_\_\_

MAJOR REQUIREMENTS (25 credits)				
✓	Course	Title	Cr	Gr
<b>Basic Core (15 credits)</b>				
	GES 135	Environmental Problems	3	
	GES 150	The Natural Environment	3	
	GES 235	Conservation ★	3	
	GES 324	Environmental Law and Policy	3	
	GES 489	Field Studies	3	
<b>Techniques Core (10 credits)</b>				
	GES 115	Map Reading and Interpretation	1	
	GES 220	General Methods of Field Work ★	3	
	GES 315	Cartography I ★	3	
	GES 325	Intro to Geographic Information Systems ★	3	
<b>Applied Geographic Technology Track Requirements (30 credits)</b>				
✓	Course	Title	Cr	Gr
<b>Basic Core (12 credits)</b>				
	GES 100	Discover Geography	3	
	GES 215	Rural and Urban Planning	3	
	GES 302	Cultural Geography	3	
	GES 331	Economic Geography	3	
<b>Techniques Core (3 credits)</b>				
	GES 425	Advanced Geographic Information Systems ★	3	
<b>Techniques Electives (6 credits) – Choose two of the following</b>				
	GES 410	Remote Sensing	3	
	GES 415	Cartography II ★	3	
	PREE 412	Open Space Planning	3	
<b>Regional Electives (3 credits) – Choose one of the following</b>				
	GES 201	Latin America & the Caribbean ◊	3	
	GES 202	US and Canada ◊	3	
	GES 204	Post Soviet Union ◊	3	
	GES 303	Asia ◊	3	
	GES 308	Europe ◊	3	
	GES 309	Africa ◊	3	
<b>Technical Communication (3 credits)</b>				
	ENGL 205	Introduction to Professional Writing★	3	
<b>Geography Elective (3 credits) – Must be at 200 level or above</b>				
	GES _____		◊ 3	

ELECTIVES (16-17 credits)				
(Other Liberal Studies Electives, Free Electives)				

The Environmental Studies major has a 100 hours-service learning requirement.

**QPA REQUIREMENT**  
 2.0 or higher Major QPA  
 2.0 or higher Overall QPA  
 Internship requires a 2.75 QPA in Major and Overall

