BACHELOR OF SCIENCE DEGREE (B.S.) IN GEOGRAPHY---
GEOGRAPHIC INFORMATION SCIENCE (GIS) CERTIFICATE

ASU School of Geographical Sciences

2007-2008 CURRICULUM CHECK SHEET

120 Total	45 Upper Div.	56 4-YR. Schools	30 ASU	2.0+ GPA

ASU GENERAL STUDIES & CLAS REQUIREMENTS			
Course	Upper Div.	"c" or better	DONE?
First Year Composition			
ENG 101 First-Year Composition		Yes	
ENG 102 First-Year Composition		Yes	
Literacy & Critical Inquiry (L)--writing intensive courses			
GCU 496 (L) Geog. Research Methods	Yes	Yes	
(L) **			
Mathematics (MA) & Computer/Statistics (CS)			
MAT 119 (MA) Finite Mathematics		Yes	
GPH 370 (CS) Geographic Info. Tech.	Yes	Yes	
Upper Division Social & Behavioral (SB) or Humanities (HU)			
(SB) ** or (HU) **	Yes	Yes	
Humanities (HU)			
(HU) **			
(HU)			
Social & Behavioral (SB)			
GCU 102 (SB) Intro. to Human Geography		Yes	
GCU 121 (SB) World Geography		Yes	
Natural Science (SQ or SG--1 must be SQ)			
GPH 111 (SQ) Intro. to Physical Geog.		Yes	
(SQ or SG) **			
Awareness Areas			
U.S. Cultural Diversity (C) **			
Global (G)--GCU 121 World Geography		Yes	
Historical (H) **			
Science and Society			
**		Yes	
**	Yes	Yes	

** Certain Geography courses fulfill these requirements

GEOGRAPHY B.S. & GIS CERTIFICATE REQUIREMENTS			
Course	Upper Div.	"c" or better	DONE?
Core Geographic Knowledge			
GPH 111 Intro. to Physical Geography		Yes	
GCU 102 Intro. to Human Geography		Yes	
GCU 121 World Geography		Yes	
Core Geographic Skills			
GPH 371 Intro. to Cartography	Yes	Yes	
GPH 491 Geographic Field Methods	Yes	Yes	
GCU 495 # Quant. Methods in Geography	Yes	Yes	
GCU 496 ~ Geographic Research Methods	Yes	Yes	
Geographic Information Science Courses			
GPH 370 Geographic Info. Technologies	Yes	Yes	
GPH 373 ^ Geographic Info. Science I	Yes	Yes	
GPH 473 ^^ Geographic Info. Science II	Yes	Yes	
Geography Electives--GCU or GPH courses			
		Yes	
		Yes	
Geography Electives or Related Fields of Study			
MAT 119 Finite Mathematics		Yes	
computer programming course *		Yes	
		Yes	

"c" or better required in all Geography courses

MAT 119 or higher prerequisite
~ GPH 371, GPH 491, & GCU 495 prerequisites
^ GPH 370 prerequisite
^^ GPH 373 & computer programming course prerequisites
* community college possibilities are CIS 159, CIS 163, CSC 100, CSC 110;
ASU possibilities are CSE 100 & CSE 110

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