

ARIZONA STATE UNIVERSITY - MAIN
 BACHELOR OF INTERDISCIPLINARY STUDIES (BIS)
 DIVISION OF UNDERGRADUATE ACADEMIC SERVICES
 AREA OF CONCENTRATION VERIFICATION FORM

GEOGRAPHICAL INFORMATION SCIENCE

School of Geographical Sciences, (480) 965-7533

COLLEGE OF LIBERAL ARTS & SCIENCES

Course Campus Prefix & Number	Course Title	Lower Division	Upper Division	Sem./Year Taken
<i>Choose ONE of the Following</i>				
M GCU 102 (3)	Introduction to Human Geography			
M GCU 141 (3)	Introduction to Economic Geography			
<i>The Following are Required</i>				
M GPH 371 (3)	Introduction to Cartography & Georepresentation			
M GPH 373 (3)	Geographic Information Science I			
M GCU 495 (3)	Quantitative Methods in Geography			
<i>Choose TWO of the Following</i>				
M GPH 372 (3)	Air Photo Interpretation			
M GPH 471 (3)	Geographics: Interactive & Animated Cartography & Individualization			
M GPH 473 (3)	Geographic Information Science II			
Hours Required			12	
Total Hours Required			18	
<p>The concentration in Geographical Information Science requires 18 semester hours of which a minimum of 12 hours must be upper division.</p> <p>A letter grade of C or better is required for all courses taken in the area of concentration.</p> <p><i>A minimum of six upper-division hours in the concentration must be taken in residence at ASU Main.</i></p>				