

Department of Social and Behavioral Sciences

The Department of Social and Behavioral Sciences currently offers five undergraduate majors and one master's degree program. The undergraduate majors are Social Relations, Psychology, Political Science, Geographic Information Science, and Social Science. Classes for our undergraduate majors meet in Duckrey Social Science building. Our Master's in Public Administration offers evening courses at our Urban Center at 8th & Market Streets in Philadelphia.

The faculty members of the department include specialists in anthropology, criminal justice, law, geography, history, political science, psychology, and sociology. The faculty brings to the classroom years of experience as educators, practitioners, and researchers in national and local studies, policy analysis, and clinical and judicial practice. Our commitment to teaching and small classes provides the opportunity for each student to learn and to be known for what he or she has to share with others in the educational process.

The varied opportunities for involvement in presentations and activities are aided by an active psychology club and a chapter of the Psi Chi National Honor Society in Psychology. Geography has Gamma Theta Upsilon, which is an international honor society.

The courses taught in the department are designed to meet the needs of students who are majoring in these areas and to assist non-majors in their professional preparations.

It is essential that all students who are interested in taking a program of study in one of the areas administered by the department consult the departmental academic advisors early in their course work. This should preferably be done at the beginning of the freshman year. While the ultimate responsibility for meeting graduation requirements is the student's, it is essential that students who intend to major in one of these areas ask to be assigned a major academic advisor during their first year and commit themselves to regular interaction with that advisor. The interaction between student and faculty member is crucial in the design of an appropriate individualized program of instruction providing for future career flexibility and satisfaction.

B.A. in Geographic Information Science

Geographic Information Science (GIScience), the interface between geography and computer technology is a professional need within the United States and internationally. GIS positions are available in the private sector and in all levels of government, municipal, state, and federal. A "Geographic Information System Specialist" utilizes information technology including mapping and database software, and integrates critical thinking for solid decision-making.

The Geographic Information Science program at Cheyney University is founded on a ten-course core emphasizing spatial analysis skills in an applied setting. Each course introduces new concepts and allows students to work in a GIS laboratory. By exposing students to analytical and statistical techniques, with a variety of software programs and technological environments, the GIScience program will enable students to apply skills in an array of professional positions. The program adopts a project-oriented approach. Students will benefit from group work in several courses. GIScience incorporates programming, database management, aerial photograph interpretation, computer system administration, and cartography to capture and manipulate geographic or spatial data.

The Department of Social and Behavioral Sciences manages a computer laboratory with 15 PCs running ArcGIS 9.2 in a Windows XP operating environment. Students use ArcView and several Arc extensions including Spatial Analyst and ArcIMS for classroom exercises. The lab operates a HP 2500C professional quality color printer, a HP 815mfp large format plotter and scanner, Trimble GeoXH GPS receivers and processing software. **B.S. Geographic Information Science**

GEOGRAPHIC INFORMATION SCIENCE CURRICULUM WORKSHEET										
Social and Behavioral Sciences Department										
Bachelor of Science Degree										
2010-2011 AY										
NAME:			ADVISOR:							
EMAIL:			ENTERED:							
PHONE:			ANT. GRADUATION:							
			DATE LAST UPDATED:							
GENERAL EDUCATION			MAJOR COURSES							
COURSE NUMBER	COURSE NAME	CR	Sem	Grade	COURSE NUMBER	COURSE NAME	CR	Sem	Grade	
I. CORE REQUIREMENTS					REQUIRED MAJOR COURSES					
Essential Skills (15 Credits)					RGE111	World Geography (G)	3			
HEN 112	English I	3			RGE258	GIS in Critical Thinking (W)	3			
HEN 113	English II	3			RGE241	Fundamentals of GIS I	3			
HEN 114	Speech	3			RGE242	Fundamentals of GIS I Lab (I)	1			
EDU110	Intro. Interp. & Analysis	3			RGE341	Fundamentals of GIS II	3			
HPH110	Critical Thinking	3			RGE342	Fundamentals of GIS II Lab (I)	1			
Mathematics (3 credits)					RGE351	Geospatial Data Models	3			
MAT ____	Survey of College Math (or higher)	3			RGE416	Intro to Cartography (I)	3			
African-American Experience (3 credits)					RGE461	GIS Application Development	3			
AAS210	A-A Experience in a Global Context	3			RGE471	GIS Practicum I	3			
Freshmen Experience (2 credits)					Total Major Courses Credits 26					
GAC 101	Freshmen Seminar I	1			REQUIRED MAJOR ELECTIVES (Select 1 course)					
GAC 102	Freshman Seminar II	1			RGE 410	GIS Social Science Apps	3			
Note: All Core requirements must be complete before a student is considered a Junior.					RGE 411	Environ Conservation	3			
II. DISTRIBUTION REQUIREMENTS (Can Not Be Major Courses)					REQUIRED RELATED COURSE ELECTIVES (Select 1 course)					
Humanities (6 credits)*					RPS 331	Stat Psych & Ed I	3			
	Humanities course I	3			RSO 326	Social Statistics	3			
	Humanities course II	3			MAT 205	Elem Statistics	3			
*Satisfactory courses include literature, language, theater, music, arts, & philosophy.					REQUIRED APPLIED TECH ELECTIVES (Select 2 courses)					
Foreign Language (6 credits)**					BOA 323	Office Systems and Technology	3			
	Foreign Language I	3			BCA 330	Computer Programming/MIS	3			
	Foreign Language II	3			HAR 320	Computer Applications in Graphic Design	3			
**Must be in the same language.						Comp Science or Math Elective I	3			
Social Sciences (6 credits)***						Comp Science or Math Elective II	3			
	Social Science Elective I	3			Total Related Courses Credits 12					
	Social Science Elective II	3			REQUIRED RELATED COURSES					
***Courses include anthropology, economics, geography, history, political science, psychology & sociology.					RGE	Geography Elective I (Upper Level 300+)	3			
Natural Science (6 credits)®					RGE	Geography Elective II (Upper Level 300+)	3			
S ____	Natural Science Elective I	3			RPO	Political Science Elective (Upper Level 300+)	3			
S ____	Natural Science Elective II	3			RPS 332	Stat Psych & Ed II	3			
®Satisfactory courses include biology, chemistry, physics, earth or space science.						Comp Science or Math Elective I or III	3			
Health & Wellness (4 credits)						Comp Science or Math Elective II or IV	3			
REC 111	Health & Wellness	2				Comp Science or Math Elective III or V	3			
REC	Physical Education	1			Total Related Courses Credits 21					
REC	Physical Education	1			FREE ELECTIVES					
TOTAL CREDITS IN GENERAL EDUCATION		51			_____	Free Elective 1	3			
III. INTENSIVE COURSES					_____	Free Elective 2	3			
	Writing Course (W)		Sem	Grade	_____	Free Elective 3	3			
	Writing Course (W)				_____	Free Elective 4	1			
	Writing Course (W)				Total Free Electives Requirements 10					
	Global Course (G)				TOTAL CREDITS FOR GRADUATION 120					
	A-A Heritage course (A)				A 2.0 overall cumulative GPA is required for graduation.					
	Information Literacy course (I)				DEVELOPMENTAL/REMEDIAL COURSES++:					
					ERE 001	Reading & Study Skills				
					HEN 011	Elements of Writing				
					MAT 001	Basic Math				
					MAT 002	Elementary Algebra				
					+PASSHE Policy 1990-06-A holds that elective course selection is encouraged.					