

GEOSPATIAL INFORMATION SCIENCES (BS)

PRESCRIBED ELECTIVE COURSES
15 Semester Credit Hours Total
(all courses are 3 SCHs unless otherwise noted)

Choose five (5) of the following:

Course Number	Course Title	Prerequisites and Other Information
CS 3333	Data Structures	Prerequisites: CS 1335 or CE/CS 1337 or equivalent programming experience
CS 3345	Data Structures and Introduction to Algorithmic Analysis	Prerequisites: (CE/CS 2305) and (CE/CS 2336 or CS 2337); pre- or corequisite: (CS/SE 3341) or ENGR 3341 (same as CE/SE 3345)
CRIM 3307	Immigration and Crime	
CRIM 3319	Comparative Justice Systems	
CRIM 4323	Communities and Crime	Prerequisites: CRIM 3302
CRIM 4336	Introduction to Terrorism	
ECON 3312	Money and Banking	Prerequisites: ECON 3311
ECON 3315	Economics of Sports	Prerequisites: ECON 2302
ECON 3330	Economics of Health	
ECON 3337	Economics of Poverty and Inequality	Prerequisites: ECON 2302
ECON 3369	Political Economy of Terrorism	Prerequisites: ECON 2302
ECON 3369	Political Economy of Terrorism	Prerequisites: ECON 2302
ECON 3381	Economic History	
ECON 4332	Energy and Natural Resources Economics	Prerequisites: ECON 2302 and ECON 3310
ECON 4333	Environmental Economics	Prerequisites: ECON 2302 and ECON 3310
ECON 4336	Environmental Economic Theory and Policy	Prerequisites: ECON 2302
ECON 4340	Labor Economics and Human Resources	Prerequisites: ECON 3310
ECON 4345	Industrial Organization	Prerequisites: ECON 3310
ECON 4346	Technology, Economy, and Society	
ECON 4348	Business and Technology	Prerequisites: ECON 2302
ECON 4360	International Trade	Prerequisites: ECON 3310
ECON 4362	Development Economics	Prerequisites: ECON 2302 and ECON 3311
GEOG 3331	Urban Growth and Structure	
GEOG 3357	Spatial Dimensions of Health and Disease	
GEOG 3359	Human Migration and Mobility	
GEOG 3372	Population and Development	
GEOG 4396	Selected Topics in Geography	
GISC 4317/EPPS 4317	Python Programming for Social Science	
GISC 4325/GEOS 4325	Introduction to Remote Sensing	
GISC 4326	Cartography and GeoVisualization	Prerequisites: EPPS/GEOS/GISC 2305 or GEOG/GEOS/GISC 3304
GISC 4363	Internet Mapping and Information Processing	
GISC 4384	Health and Environmental GIS	Same as IPEC 4384 : Health and Environmental Policy: A Global Perspective
GISC 4385	Advanced Applications in GIS	Prerequisites: EPPS/GEOS/GISC 2305 or GEOG/GEOS/GISC 3304
GISC 4V96	Special Topics in Geospatial Information Science	
IPEC 3349	World Resources and Development .	
IPEC 4301	Political Economy of Industrialized Countries	
IPEC 4302	Political Economy of Developing Countries	
PSCI 3328	International Relations	
PSCI 3350	Comparative Politics	
PSCI 4329	Global Politics	
PSCI 4356	International Political Economy	Prerequisites: PSCI 3328 or PSCI 4329 or undergraduate coursework in international economics
PSCI 4360	The Political Economy of Multinational Corporations	

Course Number	Course Title	Prerequisites and Other Information
PA 3306	Advanced Research and Writing for the Policy Sciences	
PA 3333	Human Resources Management: Leading a Diverse Workforce	
PA 3355	Introduction to the Nonprofit Sector	
PA 4350	Public and Nonprofit Agencies, Management and Ethics	
PA 4351	Managing the Urban Environment	
PA 4355	Management of Nonprofit Organizations	
PA 4370	Leadership, Democracy, and Ethics	
SOC 3333	Religion in Society	