University of Utah Undergraduate Program of Study

SPECIALIZATION TRACKS IN GEOGRAPHIC INFORMATION SCIENCE

Geographic Information Science has emerged as the study of the principles and methods underpinning the technology of geographic information systems. The Department of Geography provides a range of courses in the area including a GIS Certificate Program (http://www.geog.utah.edu/gis_cert/index.php). GIS is a rapidly growing field, and many students have secured employment in this area in Utah and around the country. Students interested in concentrating their studies in GIS should select from the following courses the five elective courses required for a degree in Geography.

GIS TRACK
GEOG 3140 Introduction to GIS
GEOG 3110 The Earth from Space: Remote Sensing of the Environment
GEOG 3170/5170 Mobile GIS
GEOG 5140 Methods in GIS
GEOG 5150 Spatial Data Design for GIS
GEOG 5160 Spatial Modeling with GIS
GEOG 5161 Capstone in GIS
GEOG 5180 GIS & Python
GEOG 5190 GIS & Public Health

REMOTE SENSING TRACK
GEOG 3140 Introduction to GIS
GEOG 3110 The Earth from Space: Remote Sensing of the Environment
GEOG 5110 Environmental Analysis through Remote Sensing
GEOG 5120 Environmental Optics
GEOG 5130 Advanced Remote Sensing Applications
GEOG 5140 Methods in GIS
GEOG 5161 Capstone in GIS

Students are advised to contact the Director of the GIScience Certificate Program or the Undergraduate Advisor with questions regarding this specialization.