

# Business, Economics and Enterprise Sciences

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## B.A. in Geography: Geographic Information Technology

### Program Description

The Geographic Information Technology concentration of the Bachelor of Arts in Geography degree allows students to explore geospatial concepts, techniques and technologies. Students have opportunities to gain hands-on experience applying geographic and technological knowledge.

### Delivery Mode

Traditional (on campus)

### Curriculum

The following eight-semester schedule of courses provides a recommended framework for completing this program of study in four years.

Course	Credits
<b>Freshman Year</b>	
<b>First Semester</b>	<b>16</b>
<b>GEO 100</b> Introduction to Geography	3
<b>ENG 101</b> English Composition I	3
<b>UNI 100</b> First-Year Seminar	1
Fine Arts General Education Course	3
Math General Education Course	3
Humanities General Education Course	3
<b>Second Semester</b>	<b>15</b>
General Education Option	3
Health and Wellness General Education Course	3
Natural Sciences General Education Course	3
Public Speaking General Education Course	3
Social Sciences General Education Course	3
<b>Sophomore Year</b>	
<b>Third Semester</b>	<b>15</b>
<b>GEO 217</b> Demographic Analysis	3
<b>GEO 222</b> Geo-Business	3
Ethics and Multiculturalism Course	3
General Education Options	6

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Course	Credits
<b>Fourth Semester</b>	<b>15</b>
<b>GIS 303</b> Crime Mapping and Spatial Analysis	3
Laboratory Course	3
Free Electives	9
<b>Junior Year</b>	
<b>Fifth Semester</b>	<b>15</b>
<b>EAS 300</b> Natural Hazards	3
<b>GEO 360</b> Emergency Management	3
<b>GIS 311</b> Geographic Information Systems	3
<b>REC 362</b> Site Design and Management	3
Required Related Elective	3
<b>Sixth Semester</b>	<b>15</b>
<b>GIS 350</b> Remote Sensing of the Environment	3
Required Related Elective	3
Free Electives	9
<b>Senior Year</b>	
<b>Seventh Semester</b>	<b>15</b>
<b>GEO 426</b> Impacts and Sustainability of Tourism	3
<b>GEO 474</b> Developing the Master Plan	3
Required Elective	3
Free Electives	6
<b>Eighth Semester</b>	<b>15</b>
<b>GIS 314</b> Spatial Land Data in the Oil and Gas Industry	3
<b>GEO 479</b> Internship	3
Free Electives	9
<b>Total</b>	<b>120</b>

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**Program Webpage**

<https://www.calu.edu/academics/undergraduate/bachelors/gis-emergency-managment/index.aspx>