

# GEOGRAPHIC INFORMATION SYSTEMS

Program Code: B.GIS.CER

## Certificate

Graduation requirement — 12 semester hours

Geographic Information Systems (GIS) is a method of using data gathered from various sources, including Global Position Satellite (GPS) systems, to develop “layers” of information about a geographic location. Applications are used in mapping streets, utilities, environmental markers, crime studies, and many other types of physical and societal information. It is an emerging industry that also has emerging career opportunities.

## Suggested Part-time Sequence

<i>FALL</i>	<i>SPRING</i>	<i>SUMMER</i>
<i>1st Semester</i>	<i>2nd Semester</i>	<i>3rd Semester</i>
GIS 110	GIS 111 GIS 115	Elective

## Required Program Courses (9 hours)

**Cr. Hrs.**

GIS 110	Principles of Geographic Information Systems. . . . .	3
GIS 111	Applied Geographic Information Systems . . . . .	3
GIS 115	Remote Sensing Applications. . . . .	3

## Elective (3 hours)

Choose one from the following courses:

AGB 214	Precision Farming Technology. . . . .	3
ANT 103	Introduction to Cultural Anthropology. . . . .	3
CIS 138	Database Applications (MS Access). . . . .	3
CIS 152	Web Design and Development I . . . . .	3
HRT 116	Introduction to Landscape Design . . . . .	3
MAT 108	Introduction to Applied Statistics. . . . .	3
MKT 101	Introduction to Marketing. . . . .	3
SRV 113	Basic Surveying. . . . .	3

Total Semester Credit Hours

12