

# Fort Hays State University Department of Geosciences



## User Certificate Program

### What is GIS?

Geographic Information Systems (GIS) provide a powerful means of analyzing geographic patterns and relationships in our world. GIS is used by many professions to gain valuable insights that other information systems cannot offer.

### What is a GIS User Certificate?

The GIS User Certificate recognizes that the recipient has developed a solid understanding of the fundamental principles and analytical techniques of GIS. The certificate can be applied to any major and is an effective way of adding value to either a bachelor's or master's degree. You may earn a certificate by attending and successfully completing classes on campus or through the virtual college. To be eligible to receive the GIS User Certificate from FHSU, at least 6 credit hours of the required classes must be taken from FHSU.

Each GIS User Certificate will reflect the specialization of the student. For instance, a certificate for a Business major would read: "GIS User Certificate, Business Emphasis", and so forth. Students wishing to earn the certificate will complete GIS projects that directly relate to their major.

#### **Option #1: On-Campus Certificate Total Hours: 9**

<b>240</b>	<b>Introduction to GIS</b>
<b>360</b>	<b>Intermediate GIS</b>
<b>290</b>	<b>Cartography <u>or</u></b>
<b>674</b>	<b>Remote Sensing and Aerial Photography</b>

#### **Option #2: Virtual College Certificate Total Hours: 9**

<b>225</b>	<b>GIS Foundations I</b>
<b>325</b>	<b>GIS Foundations II</b>
<b>280</b>	<b>Cartographic Concepts <u>or</u></b>
<b>330</b>	<b>Remote Sensing Concepts</b>

### What courses can be substituted for others?

GSCI 240 may act as a substitute for GSCI 225  
GSCI 360 may act as a substitute for GSCI 325  
GSCI 290 may act as a substitute for GSCI 280  
GSCI 674 may act as a substitute for GSCI 330



Department of Geosciences  
Fort Hays State University  
600 Park Street  
Hays, KS 67601