Course: GEO 200 **Course Title:** Exploring Our Digital Earth
Credit Hours: 3 **Department:** Geography, Geology, & Planning
Prerequisite: *12 hours.*

General Education Area:
PUBLIC AFFAIRS - Public Issues *(GEC 116)*

Information submitted by a department representative on 4/9/2021 4:14:07 PM – Compiled by Darren Wienberg, Academic Advising & Transfer Center

Typically Offered During:

Fall Full Semester:	YES	Fall 1st Block:	NO	Fall 2nd Block:	NO
Spring Full Semester:	YES	Spring 1st Block:	NO	Spring 2nd Block:	NO
Summer:	YES				

Typical Instructional Modality:

Traditional (seated):	NO	Blended:	NO	Internet:	YES
Online Video:	NO	Web Conference:	NO		

May Also Count Toward Department Offering:

Major:	YES	Minor:	YES	Certificate:	YES

Please see online published semester class schedule and undergraduate catalog for detailed course offering information.

How do you describe the course to students when they ask "What is this class about?" (Without using the catalog description)?
The course is about exploring our earth in computer-based environments. It introduces students how the phenomenon on the earth surface can be captured, processes, visualized and analyzed through various geospatial technologies.

Beyond meeting a General Education requirement, what benefits can students realize from choosing this course?
Students will have a good overview on the geospatial technologies that are becoming critical in understanding the physical world and human society.

Other than your major/minor/certificate students, what groups of students could find this course relevant to their degree program or career path?
Students from fields like Biology, Business, Criminology, Public Health and etc.

Catalog Description (Fall 2022 Undergraduate Catalog)
An exploration of the geospatial technologies related to digital Earth with a focus on their applications in our current world. Topics include geospatial data, digital mapping, geographic information systems (GIS), global positioning systems (GPS), and remote sensing. This course uses a wide range of geospatial technology software freely available on the internet, and provides an introduction to geospatial technologies as critical thinking and inquiry tools.