

ENV163 : Geographic Information Systems (GIS) I

GIS I focuses on the designing and building of a map using a relational database. GIS is a computer science designed to capture, store, manipulate, analyze, manage, and present all types of spatial or geographical data, in the form of a map. In everyday use, it appears in forms such as Google Maps, GPS, weather forecasts, etc. Students are trained in using the computer programs ArcMap and ArcCatalog with an introduction to ArcGIS Online, in order to utilize spatial data to its fullest.

Credits 3

Prerequisites

[MAT011](#): Mathematical Reasoning and Problem Solving or [MAT025](#): Prealgebra, [ENL108](#): Critical Reading & Thinking or [ESL201](#): English for Speakers of Other Languages III: Advanced or satisfactory basic skills assessment scores

Semester Offered

Fall

Spring