



GEOGRAPHIC INFORMATION SYSTEMS (GIS) CERTIFICATE | 41 CREDITS

**Prerequisites** | RD/WR 115 | MTH 20

**Faculty Department Chair** | Christina Friedle | [christina.friedle@pcc.edu](mailto:christina.friedle@pcc.edu) | 971.722.4072

**GIS @ PCC** | <https://www.pcc.edu/programs/gis/cert-gis/>

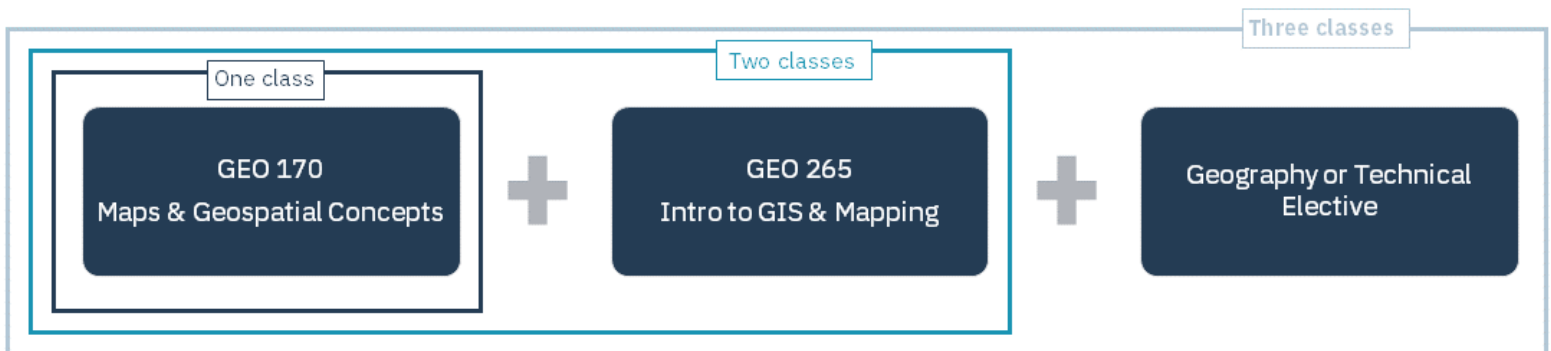
*There is no separate application process to begin the GIS Certificate program at PCC.* Students can register for any class that does not have a prerequisite. It is strongly recommended that you meet with a program Advisor before you start the program or during your first term.

Recommended Full-Time Class Schedule

FIRST TERM	SECOND TERM	THIRD TERM
GEO 170   Maps & Geospatial Concepts	GEO 266   GIS Analysis	GEO 267   Geospatial Applications
GEO 265   Intro to GIS & Mapping	GIS Elective*	GEO 270   Creating a Map Portfolio
Geography Elective*	GIS Elective*	GIS Elective*
GIS Elective*	Technical Elective*	

\*Elective lists are on the next page of this document.

First term options, if you are taking one, two, or three classes:



<b>GIS ELECTIVES</b>	<b>GEOGRAPHY ELECTIVES</b>	<b>TECHNICAL ELECTIVES</b>
GEO 221   The Local Landscape	GEO 105   Human Geography	CIS 122   Introduction to Programming Logic
GEO 223   GPS Theory & Design	GEO 106   World Regional Geography	CIS 133W   JavaScript for web developers
GEO 240   Cartography	GEO 110   The Natural Environment	CIS 125D   Database Application development
GEO 242   GIS Programming	GEO 202   Geography of Europe	CIS 195H   HTML & CSS
GEO 244   Interactive Map Design	GEO 206   Geography of Oregon	CIS 275   Data Modeling & SQL Introduction
GEO 246   Remote Sensing	GEO 209   Climate Change & Human Systems	CIS 277A   Data Analytics
GEO 248   Drone Operations	Geo 212   Geography of Global Issues	MTH 243   Statistics 1
GEO 252   Modeling w/Drones I	GEO 215   Geography of Latin America	WR 227   Technical Writing
GEO 254   Modeling w/Drones II	GEO 230   Geography of Race & Ethnicity	CCET 1240   Intro to Civil & Construction Drafting
GEO 280A   Cooperative Ed	GEO 250   Geography of Africa	CADD 126   Intro to AutoCADD
	GEO 298   Independent Study	BA 216   Data Analytics with Excel & Tableau