



GEOGRAPHIC INFORMATION SYSTEMS (GIS) CERTIFICATE | 41 CREDITS

Prerequisites | RD/WR 115 | MTH 20

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

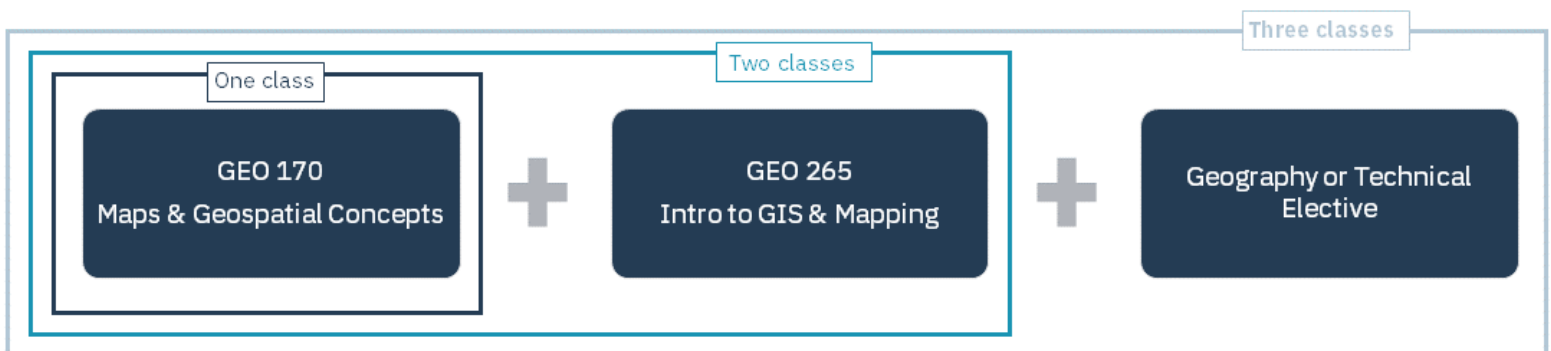
There is no separate application process to begin the GIS Certificate program at PCC. Students can register for any class that does not have a prerequisite. It is strongly recommended that you meet with a program Advisor before you start the program or during your first term.

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:



GIS ELECTIVES	GEOGRAPHY ELECTIVES	TECHNICAL ELECTIVES
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 169Z Data Analytics using Microsoft Excel