

**MINOR IN GEOGRAPHIC INFORMATION SYSTEMS**

2018-2019

A minor in Geographic Information Systems (GIS) will serve students who wish to add interdisciplinary perspectives and skills to their plans of study. The GIS minor will produce students who are equipped to function as GIS specialists in industry, government, and academia. The minor will provide students with an interdisciplinary educational opportunity to enhance their individual disciplines through the study and application of GIS theory, methods, and technologies. It will also endow students with the geographical concepts and practical skills necessary to enter the job market as GIS specialists. Finally, the minor will develop individuals with a board grasp of GIS technology who are not only technologically competent but also solution-oriented.

HSH Requirements	UHCL Course Title	TCCNS*	CODE
<b>Required Courses:</b>	GEOG 4312 Human Geography		
	GEOG 4321 Fundamentals of Geographic Information Systems		
	GEOG 4322 Advanced Geographic Information Systems		
	GEOG 4323 Geographic Information Systems Design and Implementation		
	CINF 3321 Information Systems Theory and Practice		

**General Minor Requirements**

- Students must complete at least a minimum of 15 hours in the minor field.
  - At least 9 must be at the upper level (3300- and 4300-level classes).
  - At least 6 of the upper-level credits must be taken at UHCL.
- Students must earn a 2.00 minimum cumulative grade point average on courses in the minor at the University of Houston-Clear Lake. (GPA requirement may be higher in some minors.)

Some minors are associated with disciplinary programs, and some are interdisciplinary. Although the minor will not appear on your diploma, it will be noted on your transcript, which would be seen by future employers and others who review your academic record.

Keep in mind that because minors will require no fewer than 15 semester hours of course work, excluding prerequisite courses, **you must have 15 hours of electives available in your major degree plan.** Course substitutions to the minor degree plan may be made with the approval of both the major and minor advisors. Also, adding a minor to your program of study may not result in graduation requirements that exceed the approved length of your original degree plan and that the minor must be completed prior to graduation, not afterwards.

For more information, see the general and program requirements in the *Undergraduate Catalog*. For questions and academic advice, please contact Dr. Jeff Lash at [lash@uhcl.edu](mailto:lash@uhcl.edu).