

TEXAS A&M UNIVERSITY - CORPUS CHRISTI
2019-2020 Undergraduate Catalog
Geomatics Certificate

* Denotes Upper Division

**Some pre-requisites also have additional pre-requisites for eligibility.

The Post-Baccalaureate Certificate in Geomatics is designed for students who hold a bachelor's degree or master's degree in fields other than Geomatics or Geographic Information Science and desire to continue their education to prepare for the Texas Board of Professional Land Surveying examination to become a Registered Professional Land Surveyor in Texas. **Candidates for the certificate are required to complete 32 credit hours of surveying related courses; 20 of these credit hours must be taken at Texas A&M University-Corpus Christi.** The Coordinator of the Geographic Information Science program or a designee may waive certain courses if a student has previously completed appropriate surveying courses. Students must apply for the certificate and complete a Certificate Plan approved by the Coordinator of the Geographic Information Science program or a designee.

Required GISC Courses			SCH	**PRE-REQUISITES	Required GISC course offering term
	GISC 1336	DIGITAL DRAFTING AND DESIGN	3	n/a	SPRING
	GISC 1470	GEOSPATIAL SYSTEMS I	4	n/a	FALL/SPRING
	GISC 2470	GEOSPATIAL PLANE MEASUREMENT I	4	MATH 1316 or MATH 2413	FALL
	*GISC 3325	GEODETIC SCIENCE	3	GISC 2470	SPRING
	*GISC 3412	GEOSPATIAL PLANE MEASUREMENT II	4	GISC 2470 and coreq GISC 1336	SPRING
	*GISC 4315	SATELLITE POSITIONING	3	GISC 2470, MATH 2413	FALL
	*GISC 4318	CADASTRAL SYSTEMS	3	GISC 2470	FALL
	*GISC 4340	GEOSPATIAL COMPUTATIONS & ADJ.	3	GISC 2470, GISC 3300 & MATH 3342	SPRING
	*GISC 4350	FIELD CAMP II	3	GISC 3412, GISC 4318, & GISC 2250	EARLY JANUARY BEFORE REGULAR TERM
	*GISC 4371	HISTORY OF TX LAND OWNERSHIP	3	GISC 3412	SPRING

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NOTE:					
See additional pre-requisites:					
	Additional required pre-requisites for GISC courses.			Pre-req. to required prereq.	Required pre-requisite course offering.
DEPENDS ON PLACEMENT	MATH 1316	Trigonometry	3	MATH 1314 College Algebra or placement	FALL/SPRING/(SUMMER VARIES)
	MATH 2413	Calculus I	4	MATH 1314 or MATH 1316 or placement	FALL/SPRING/SSI
	*MATH 3342	Applied Probability & Statistics	3	MATH 2413	FALL/SPRING/(SUMMER VARIES)
	GISC 2250	FIELD CAMP II	2	GISC 2470	EARLY JANUARY BEFORE REGULAR TERM
	*GISC 3300	Geospatial Mathematical Techniques	3	MATH 2413 and *MATH 3342	FALL