

PROPOSED MINOR FIELD OF STUDY

STUDENT IS DEGREE CANDIDATE FOR CURRENT SEMESTER

YES _____ NO _____

Please provide ALL requested information:

Name _____ UIN# _____

MAJOR _____ OPTION _____ CAT. # _____ DEGREE (Check one) BA _____ BS _____

EXPECTED GRADUATION (Check one) FALL _____ SPRING _____ SUMMER _____ YEAR _____

I request that the following courses in **Geoinformatics** be allowed to satisfy the ☐ option
☐ required minor field of study for my major.

COURSE NUMBER

HOURS

GEOG/GEOL 352 GPS in the Geosciences (Required) 2

GEOG 390 Principles of Geographic Information Systems (Required) 3

GEOG 475 Advance Topics in GIS (Required) 4

***Total Hours**

16-17

Date _____

Student Signature _____

Date _____

Reviewed & Approved, Minor Dept. Academic Advisor _____

Date _____

Reviewed & Approved, Major Dept. Academic Advisor _____

Return one copy to the Department of Geography and one copy to your major department.

*Please check the back of this form for Minor requirements.

(Rev. 3/4/13)

Proposed Minor Field Requirements

Geoinformatics is used to solve problems associated with land administration, environment and natural resource management, planning and population studies, as well as traditional surveying and mapping applications. Geoinformatics uses GIS, remote sensing, and global positioning mapping to collect, analyze and display spatial information.

Students of other disciplines choosing to complete a minor in Geoinformatics must meet the following requirements:

Take a minimum of 16 credits in the discipline with at least 6 hours in upper-division courses, 3 hours of which must be at the 400 level.

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|---|----------------|
| • GEOG 390/Principles of Geographic Information Systems (Required) | 3 hours |
| • GEOG 475/Advance Topics in GIS (Required) | 4 hours |
| • GEOG/GEOL 352/GPS (Global Positioning System) in the Geosciences (Required) | <u>2 hours</u> |
| SUBTOTAL | 9 hours |

Choose two courses from the following list of courses to complete the minor requirements:

- | | |
|--|----------------|
| • CSCE 111/Intro. to Computer Sciences Concepts | 4 hours |
| • CSCE 211/Data Structures & Their Implementations | 4 hours |
| • GEOG 361/Remote Sensing | 4 hours |
| • GEOL 309/Intro. to Geological Field Methods | <u>3 hours</u> |
| TOTAL | 16-17 hours |

Minimum of 6 credits must be taken in residence at either Texas A&M University/College Station or Galveston.

Minimum cumulative GPR of 2.0 must be achieved for all courses in the minor.

Students must meet with the department's advisor for minor programs for approval of courses selected (Any substitutions must be approved by the department head.).

To apply & complete paperwork for a Geoinformatics Minor, contact Gail Rowe, Academic Advisor in Geography, 979-458-0895 or growe@geog.tamu.edu to schedule an appointment.