



## UNDERGRADUATE MINOR GEOGRAPHIC INFORMATION SCIENCE & TECHNOLOGY (GIS&T)



**Student Name:** \_\_\_\_\_ **Student ID:** \_\_\_\_\_

**Advisor Initials:** \_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/20\_\_\_\_ **Catalog year:** 2010-2011 **STAR report accessed?** \_\_\_\_

The Department of Geography at New Mexico State University offers a minor in Geographic Information Science and Technology (GIS&T) to interested undergraduate students (non-geography majors) at New Mexico State University.

To earn a minor in GIS&T, the following courses are required.

### DEPARTMENTAL REQUIREMENTS (18-21 CREDITS)<sup>1</sup>

#### *ONE of the Following Courses (3 Credits)*

GEOG 482, Geodatabase Design .....	3	<input type="checkbox"/>	___
BCIS 350, System Analysis and Modeling .....	3	<input type="checkbox"/>	___
BCIS 475, Database Management Systems .....	3	<input type="checkbox"/>	___

#### *ONE of the Following Courses (3 Credits)*

E T 120, Computer and Presentation Software .....	3	<input type="checkbox"/>	___
ENGL 218G, Technical and Scientific Communication .....	3	<input type="checkbox"/>	___

#### *ONE of the Following Courses (3-4 Credits)*

GEOG 281, Map Use and Analysis .....	3	<input type="checkbox"/>	___
GEOG 381, Cartography and Geographic Information Systems .....	4	<input type="checkbox"/>	___

#### *ONE of the Following Courses (3-4 Credits)*

GEOG 373, Introduction to Remote Sensing .....	4	<input type="checkbox"/>	___
GEOG 382, Aerial Photo Interpretation .....	3	<input type="checkbox"/>	___

#### *ONE of the Following Courses (3-4 Credits)*

GEOG 481, Fundamentals of Geographic Information Systems .....	4	<input type="checkbox"/>	___
GEOG 487, GIS Practicum .....	3	<input type="checkbox"/>	___

#### *ONE of the Following Courses<sup>2</sup> (3 Credits)*

Honors, independent study, and graduate courses as appropriate if approved by Department of Geography, Graduate courses that may automatically be included are GEOG 521, GIS Applications; GEOG 581, GIS Design; GEOG 584, Seminar in Geographic Information Systems; GEOG 586, Geospatial Techniques for Natural Resource Assessment; GEOG 587, Advanced Topics in Geographic Information Science. ....	3	<input type="checkbox"/>	___
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<sup>1</sup> For a class to count toward a student's minor, the student must earn a grade of C- or better in that class.

At least 9 credits must be upper division.

Students may need to meet prerequisites or obtain a waiver of prerequisites for some courses.

<sup>2</sup> Students may also substitute as many as 6 additional credits from this area for courses in some of the areas above if approved by the Department of Geography.

**If you are interested, please contact the Dr. Brown ([brownchr@nmsu.edu](mailto:brownchr@nmsu.edu), Department Head of Geography), Dr. Buenemann ([elabuen@nmsu.edu](mailto:elabuen@nmsu.edu)), Dr. Campbell ([geobird@nmsu.edu](mailto:geobird@nmsu.edu)), or Dr. DeMers ([mdeMers@nmsu.edu](mailto:mdeMers@nmsu.edu)).**