



UNDERGRADUATE MINOR GEOGRAPHIC INFORMATION SYSTEMS (GIS)



Student Name: _____ **Student ID:** _____
Advisor Initials: ____ **Date:** ____/____/20____ **Catalog year:** 2008-2010 **STAR report accessed?** ____

The Department of Geography at New Mexico State University offers a minor in Geographic Information Systems to interested undergraduate students (non-geography majors and geography majors graduating using a pre-2010-2011 calendar year) at New Mexico State University.

To earn a minor in Geographic Information Systems, the following courses are required.

DEPARTMENTAL REQUIREMENTS (18-21 CREDITS)¹

ONE of the Following Courses (3 Credits)

BCIS 210, Business Programming using Visual Tools	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 Courses² (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 587, Advanced Topics in Geographic Information Science.	3	<input type="checkbox"/>	___
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¹ 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.

For students earning a B.S. in Geography, GEOG 281, GEOG 381, and GEOG 382 may not be counted for this minor.

For students earning a B.S. in City and Regional Planning, GEOG 281 may not be counted for this minor, and whichever of GEOG 381 and 382 is counted towards the major cannot be counted for this minor.

² 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, Department Head of Geography), Dr. Buenemann (elabuen@nmsu.edu), Dr. Campbell (geobird@nmsu.edu), or Dr. DeMers (mdemers@nmsu.edu).