

# GEOGRAPHY (ENVIRONMENTAL STUDIES) - BACHELOR OF SCIENCE

## A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1220G College Algebra and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year		Credits
ENGL 1110G	Composition I (C- or better)	4
Area V: Humanities Course <sup>1</sup>		3
GEOG 1110G	Physical Geography (C- or better)	4
Elective Course(s) or FYEX 1112 <sup>2</sup>		7
MATH 1220G	College Algebra (C- or better) <sup>3</sup>	3
Area VI: Creative and Fine Arts Course <sup>1</sup>		3
GEOG 1120G	World Regional Geography (C- or better)	3
GEOG 1130G	Human Geography (C- or better)	3
<b>Credits</b>		<b>30</b>
Second Year		Credits
ENGL 2210G	Professional and Technical Communication Honors (C- or better)	3
Choose one from the following:		3
MATH 1350G	Introduction to Statistics (Recommended Gen. Ed & C- or better)	
A ST 311	Statistical Applications (C- or better) <sup>4</sup>	
GEOG 2130	Map Use and Analysis (C- or better)	3
Choose one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
Second Language: either 1110-level or Upper Division GEOG course (C- or better) <sup>5</sup>		3-4
Choose one from the following Human Geography Courses: <sup>6</sup>		3
GEOG 361V	Challenges of Globalization (C- or better)	
GEOG 363V	Cultural Geography (C- or better)	
GEOG 365V	The City (C- or better)	
GEOG 381	Cartography and GIS (C- or better)	4
Elective Course <sup>2</sup>		9
<b>Credits</b>		<b>31-32</b>
Third Year		Credits
VWW - Viewing a Wider World Course(s) <sup>7</sup>		6
Second Language: either 1120-level or Upper Division GEOG course (C- or better) <sup>5</sup>		3-4
Choose one from the following Human Environment Geography Courses: <sup>8,9</sup>		3
GEOG 325V	New Mexico and the American West (C- or better)	
GEOG 326	U.S. National Parks (C- or better)	

GEOG 328V	Environment and Society of Latin America (C- or better)	
GEOG 331V	Europe (C- or better)	
GEOG 483	Field Explorations in Geography (C- or better)	
Choose one from the following Human Geography Courses: <sup>8,9</sup>		3
GEOG 361V	Challenges of Globalization (C- or better)	
GEOG 363V	Cultural Geography (C- or better)	
GEOG 365V	The City (C- or better)	
Choose one from the following Human Environment Geography Courses: <sup>8,9</sup>		3
GEOG 325V	New Mexico and the American West (C- or better)	
GEOG 326	U.S. National Parks (C- or better)	
GEOG 328V	Environment and Society of Latin America (C- or better)	
GEOG 331V	Europe (C- or better)	
GEOG 483	Field Explorations in Geography (C- or better)	
Choose one from the following Physical Geography Courses: <sup>9</sup>		3-4
GEOG 351	Biogeography (C- or better)	
GEOG 353	Geomorphology (C- or better)	
GEOG 357	Climatology (C- or better)	
GEOG 452	Landscape Ecology (C- or better)	
Elective Course(s) <sup>2</sup>		9
<b>Credits</b>		<b>30-32</b>
Fourth Year		Credits
Choose one from the following Physical Geography Courses: <sup>9</sup>		3-4
GEOG 351	Biogeography (C- or better)	
GEOG 353	Geomorphology (C- or better)	
GEOG 357	Climatology (C- or better)	
GEOG 452	Landscape Ecology (C- or better)	
Choose two courses from the following areas:		6
Human Geography <sup>6,8</sup>		
Human Environment Geography <sup>6,8</sup>		
Physical eography <sup>9</sup>		
Elective Course(s) - Upper Division <sup>2</sup>		15
Elective Courses(s) <sup>2</sup>		5
GEOG GIS&T Area Course (Optional) <sup>7</sup>		
<b>Credits</b>		<b>29-30</b>
<b>Total Credits</b>		<b>120-124</b>

- See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses.
- Elective credit may vary based on second language requirements, prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.
- MATH 1220G College Algebra is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G first.
- A ST 311 Statistical Applications is also an acceptable course to meet the departments Statistics course requirement, however it will not satisfy the General Education (GE) Elective requirement. If a student takes A ST 311 Statistical Applications, they will need to take an additional General Education course to complete the GE Elective requirement.

<sup>5</sup> Students should take courses to either complete the two semester Second Language Requirements with either Option 1 or Option 2 (see the requirements tab (<https://catalogs.nmsu.edu/nmsu/arts-sciences/geography/geography-gis-tech-bachelor-science/#requirements>) for this degree, the Second Language section)

<sup>6</sup> **Human Geography:** GEOG 361V Challenges of Globalization, GEOG 363V Cultural Geography, GEOG 365V The City  
**Human Environment Geography:** GEOG 325V New Mexico and the American West, GEOG 326 U.S. National Parks, GEOG 328V Environment and Society of Latin America, GEOG 331V Europe, GEOG 483 Field Explorations in Geography  
**Physical Geography:** GEOG 351 Biogeography, GEOG 353 Geomorphology, GEOG 357 Climatology, GEOG 452 Landscape Ecology

<sup>7</sup> See the Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworld>) section of the catalog for a full list of courses.

<sup>8</sup> Courses that have the "V" distinction and are a Human-Environment Geography and Human Geography courses will not count towards both the Viewing a Wider World and Human-Environment Geography and Human Geography requirements.

<sup>9</sup> For all Human Geography, Human Environment Geography and Physical Geography course requirements, students cannot repeat the courses multiple times to fulfill the requirement.

<sup>10</sup> **GEOG GIS&T Area Course:**

- GEOG 373 Introduction to Remote Sensing
- GEOG 441 GIS Design
- GEOG 481 Fundamentals of GIS
- GEOG 488 GIS and Water Resources