BS in Geography: Geospatial Science & Technology (733726) MAP Sheet
Family Home and Social Sciences, Geography
For students entering the degree program during the 2022-2023 curricular year.

University Core and Graduation Requirements
University Core Requirements:
Requirements#ClassesHoursClasses
Religion Cornerstones
Teachings and Doctrine of The Book of Mormon12.0REL A 275
Jesus Christ and the Everlasting Gospel12.0REL A 250
Foundations of the Restoration12.0REL C 225
The Eternal Family12.0REL C 200
The Individual and Society
American Heritage1-23.0-6.0from approved list
Global and Cultural Awareness13.0GEOG 120* or 130*
Skills
First Year Writing13.0from approved list
Advanced Written and Oral Communications13.0WRTG 315 recommended
Quantitative Reasoning13.0STAT 121 recommended
Languages of Learning (Math or Language)13.0GEOG 222*
Arts, Letters, and Sciences
Civilization 1113.0from approved list
Civilization 2113.0from approved list
Arts13.0from approved list
Letters13.0from approved list
Biological Science13-4.0from approved list
Physical Science13.0from approved list
Social Science13.0GEOG 110*
Core Enrichment: Electives
Religion Electives3-4.0from approved list
Open Electives
FOR UNIVERSITY CORE AND PROGRAM QUESTIONS CONTACT THE ADVISEMENT CENTER
*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (9 hours overlap)
Graduation Requirements:
Minimum residence hours required30.0
Minimum hours needed to graduate120.0
Suggested Sequence of Courses
Freshman Year
1st Semester
First-year Writing or American Heritage3.0
GEOG 1001.0
GEOG 1013.0
Religion Cornerstone course2.0
General Education courses, and/or general electives6.0
Total Hours15.0
2nd Semester
First-year Writing or American Heritage3.0
GEOG 2114.0
GEOG 1203.0
Religion Cornerstone course 2.0
General Education courses, university requirements, and/or general electives 4.0
Total Hours 16.0

Sophomore Year
3rd Semester
GEOG 130 3.0
GEOG 212 3.0
GEOG 217 3.0
GEOG 222 3.0
Religion Cornerstone course 2.0
Total Hours 14.0

4th Semester
GEOG 213 2.0
GEOG 322 3.0
Geography regional elective 3.0
Religion elective 2.0
GEOG 1103 3.0
General Education courses, university requirements, and/or general electives 2.0
Total Hours 15.0

Junior Year
5th Semester
GEOG 312 4.0
GEOG 313 3.0
Geography physical or human elective 3.0
Religion Elective 2.0
General Education courses, university requirements, and/or general electives 3.0
Total Hours 15.0

6th Semester
GEOG 311 3.0
GEOG 317 3.0
LINGC 220 or C S 1423 3.0
Religion elective 2.0
General Education courses, university requirements, and/or general electives 4.0
Total Hours 15.0

Senior Year
7th Semester
Geography GIS elective 3.0
Geography physical or human elective 3.0
Religion elective 2.0
GEOG 3073 3.0
General Education courses, university requirements, and/or general electives 4.0
Total Hours 15.0

8th Semester
Geography Capstone 3.0
Geography GIS elective 2-3.0
General Education courses, university requirements, and/or general electives 9-10.0
Exit Assessment 0.0
Total Hours 15.0

Your academic advisor can assist you in choosing electives to meet your total hour requirement.
Note: Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.

BS in Geography: Geospatial Science & Technology (733726)  2022-2023 Program Requirements (53 - 55 Credit Hours)

requirement 1  Complete 9 courses
Core courses:
- GEOG 100 - The Geographic Approach  1.0
- GEOG 101 - Global Environment: Understanding Physical Geography  3.0
- GEOG 110 - Landscapes of Disaster: An Introduction to Natural Hazards  3.0
- GEOG 120 - Geography and World Affairs  3.0
- GEOG 130 - Introduction to Human Geography  3.0
- GEOG 211 - Mapping Your World  3.0
- GEOG 212 - Introduction to Geographic Information Systems  3.0
- GEOG 222 - Statistics for Geographers 1  3.0
- GEOG 322 - Statistics for Geographers 2  3.0

requirement 2  Complete 2 courses
Physical, regional, or human geography courses:
- GEOG 305 - Geography of Landforms  3.0
- GEOG 306 - Global Conservation Designations  3.0
- GEOG 307 - Landscape Ecology  3.0
- GEOG 310 - Introduction to Urban and Regional Planning  3.0
- GEOG 331 - Economic Geography  3.0
- GEOG 336 - Urban Geography  3.0
- GEOG 346 - Population Geography  3.0
- GEOG 410 - Urban Planning Methods  3.0
- GEOG 421 - Urban Planning Law  3.0
- GEOG 422 - Principles of Urban Design  2.0
- GEOG 423 - Planning for Unique and Sensitive Lands  2.0
- GEOG 424 - Urban Transportation Planning  3.0
- GEOG 510 - Professional Planning Studio  3.0

requirement 3  Complete 6 courses
Major courses:
- GEOG 213 - Earth Observation and Image Interpretation  2.0
- GEOG 217 - Programming for Geographers  3.0
- GEOG 311 - Intermediate Geographic Information Systems  3.0
- GEOG 312 - Cartographic Design  4.0
- GEOG 313 - Remote Sensing 1  3.0
- GEOG 317 - Analytical Cartography  3.0

requirement 4  Complete 6.0 hours from the following course(s)

Complete two courses (6 credit hours) from the following:
- GEOG 399R - Academic Internship  6.0v
  You may take up to 3 credit hours.
- GEOG 411 - Issues in Computer Cartography  3.0
- GEOG 412 - Advanced Geographic Information Systems  3.0
- GEOG 413 - Remote Sensing 2  3.0
- GEOG 414 - Low Altitude, Large-Scale Image Acquisition and Processing  3.0
- GEOG 495R - Mentored Research  3.0v
  You may take up to 3 credit hours.
- GEOG 521R - Geographic Information Practicum  3.0
You may take this course up to 1 time.

requirement 5
Complete the exit assessment during the final semester, no later than one month before graduation.

THE DISCIPLINE:
Geography offers a variety of programs centered around spatial analysis and tailored, so far as possible, to meet the future needs of individual students. Our modern computer laboratory allows students to gain practical experience with geographical information systems (GIS), remote sensing, cartography, and other programs in urban and regional planning, travel, and population studies.

RESEARCH OPPORTUNITIES:
Contact the Geography Department for this information.

INTERNSHIPS, CO-OP ED, PRACTICAL EXPERIENCE:
Contact the Geography Department for this information.

FINANCING:
Many students work up to 20 hours per week. Some find employment in campus offices and some junior and senior students obtain teaching or research assistantships. Most of our students obtain summer jobs that make use of their training and interests.

CAREERS:
Graduates are employed in a wide range of both private and governmental positions. Job titles include geographer, teacher of geography, city or regional planner, cartographer, photo interpreter, commodities and industrial location analysts, intelligence, travel industry, or environmental and GIS specialist, and many others.

Skills in spatial analysis make geography a valuable minor or supporting field for many other disciplines.

For more information on careers in your major, please contact the University Career Center or the Liberal Arts Academic Advisement Center.

MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

DEPARTMENT INFORMATION
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