

GEOSPATIAL SCIENCE CONCENTRATION

Emergency Management, Bachelor of Science in Emergency Management - Geospatial Science Requirements

Code	Title	Credits
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GENERAL EDUCATION REQUIREMENTS - 46 Hours Required

Minimum of "C-" required

Fundamental Academic Skills 15

ENGL 1150	ENGLISH COMPOSITION I	
ENGL 1160	ENGLISH COMPOSITION II	
Writing in the Discipline Course		
CMST 1110	PUBLIC SPEAKING FUNDS	
or CMST 2120	ARGUMENTATION AND DEBATE	
MATH 1120	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING	
or MATH 1100	DATA LITERACY AND VISUALIZATION	
or MATH 1130	QUANTITATIVE LITERACY	
or MATH 1140	QUANTITATIVE REASONING FOR HEALTHCARE PROFESSIONALS	
or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT	
or STAT 1100	DATA LITERACY AND VISUALIZATION	
or STAT 1530	ELEMENTARY STATISTICS	

Distribution Requirements 31

Natural Science - From two disciplines and one lab - 7 hrs
Social Science - From two disciplines - 9 hrs
Humanities and Fine Arts - From two disciplines - 9 hrs
Global Diversity 3 hrs
US Diversity - 3 hrs

MAJOR REQUIREMENTS - 60 Hours Required

**Course will satisfy UNO's General Education requirement

^Course requires pre-requisite(s)

All of the following Emergency Management Courses 30

Minimum of "C-" required

EMGT 1000	INTRODUCTION TO EMERGENCY MANAGEMENT (**)	
EMGT 2020	EMERGENCY MANAGEMENT STRATEGIES AND COMMUNICATION (^)	
EMGT 2050	POLITICAL AND LEGAL FOUNDATIONS IN EMERGENCY SERVICES (^)	
PA 2170	INTRODUCTION TO PUBLIC ADMINISTRATION (**)	
PA/SOWK/CRCJ 3000	APPLIED STATISTICS AND DATA PROCESSING IN PUBLIC SECTOR (^)	
EMGT 3040	PREPAREDNESS/PLANNING AND RISK MITIGATION (^)	
EMGT 3080	AGENCY COLLABORATION DURING DISASTERS (^)	
EMGT 4060	DISASTER RESPONSE AND RECOVERY (^)	
EMGT 4200	INTERNSHIP IN EMERGENCY MANAGEMENT (^)	

EMGT 4990	CAPSTONE PROJECT IN EMERGENCY MANAGEMENT (^)	
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Geospatial Science Concentration Courses 15

Select one course from the following

GEOG 1000	WORLD REGIONAL GEOGRAPHY (**)
GEOG 1020	INTRODUCTION TO HUMAN GEOGRAPHY (**)
GEOG 1010	ENVIRONMENTAL GEOLOGY (**)

Select one course from the following

GEOG 1030	OUR DYNAMIC PLANET: INTRODUCTION TO PHYSICAL GEOGRAPHY (**)
GEOG 1050	HUMAN-ENVIRONMENT GEOGRAPHY (**)
GEOG 1090	INTRODUCTION TO GEOSPATIAL SCIENCES (** ^)

Select courses from the following to reach a 15-hour minimum

GEOG 3530	CARTOGRAPHY AND DATA VISUALIZATION (^)
or GEOG 3540	FUNDAMENTALS OF GEOSPATIAL DATA SCIENCE
GEOG 4020	SPATIAL ANALYSIS IN GEOGRAPHY (^)
GEOG 4030	COMPUTER MAPPING AND VISUALIZATION (^)
GEOG 4050	GEOGRAPHIC INFORMATION SYSTEMS I (^)
GEOG 4630	ENVIRONMENTAL REMOTE SENSING (^)
GEOG 4660	GEOGRAPHIC INFORMATION SYSTEMS II (^)

Additional 15-hour Concentration Area 15

Aviation Administration
Criminology and Criminal Justice
Fire Service Management
Gerontology
Information Technology and Communication
Intelligence and Security
Logistics Management
Natural Disasters
Nonprofit Management
Planning and Preparing for Urban Hazards
Private Sector Management
Public Administration and Management
Public Health
Tribal Management and Emergency Services
Unmanned Aircraft Systems

ELECTIVES

Elective hours as required to reach a total of 120 hours