

**United States Armed Forces / Old Dominion University
Military Pathway
Catalog Years 2024–2027
GEOGRAPHIC INFORMATION SCIENCE - CERTIFICATE**

Requirements Potentially Met Outside Classroom		
Military Course, Certification, Experience, or Exam	ODU Equivalent Course	Credits
Core Requirements		
Select specialties	GEOG 300 Maps and Geographic Information	3
Select specialties	GEOG 402 Geographic Information Systems	3
Select specialties	GEOG 404 Digital Techniques for Remote Sensing	3
Developmental Requirements		
Select specialties	GEOG 432 Advanced GIS	3
Select specialties	GEOG 462 Advanced Spatial Analysis	3
Select specialties	GEOG 473 Geographic Information Systems for Emergency Management	3
Subtotal (may not exceed 9)		0-9
Developmental Requirements Met at ODU (select courses to equal 15 total credit hours including above)		
GEOG 330	Field Methods (campus only; prior approval required)	3
GEOG 368	Internship in Geography (campus only; prior approval required)	3
GEOG 408	Cartography (campus only)	3
GEOG 419	Spatial Analysis of Coastal Environments (campus only)	3
GEOG 425	Internet Geographic Information Systems (campus only)	3
GEOG 463	GIS Programming (campus only)	3
GEOG 490	Applied Cartography/GIS (campus only)	3
GEOG 495	Topics in Geography (prior approval required)	3
GEOG 497	Independent Research in Geography (campus only; prior approval required)	3
Requirements met at ODU		6-15
Total credits for certificate		15

Next steps:

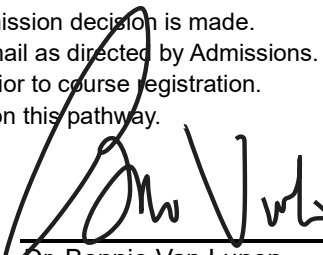
- Submit application at <https://www.odu.edu/apply/applications>. Online students - use application fee waiver code provided by your ODUGlobal enrollment coordinator.
- Order your high school, college, CCAF, and/or joint service transcripts sent to admissions@odu.edu or Old Dominion University, Undergraduate Admissions, 1004 Alfred B. Rollins Jr. Hall, Norfolk, Virginia 23529-0050.
- Electronically sign your application.
- Monitor your application portal for status updates until an admission decision is made.
- Accept your admission offer and set up your ODU account/email as directed by Admissions.
- Complete orientation and meet with your academic advisor prior to course registration.
- Finalize your degree plan with your academic advisor based on this pathway.

Jonathan Leib

Dr. Jonathan Leib
Professor and Chair
Political Science and Geography
Old Dominion University

10/9/24

Date



Dr. Bonnie Van Lunen
Interim Vice Provost
Academic Affairs
Old Dominion University

10-15-24

Date