

A.S. Social Science: Geospatial Specialization

ADVANCE Program Milestones

1. Students must take SDV 100 or SDV 101 in the first semester at NOVA.
2. Students must begin Developmental coursework in the first semester in ADVANCE at NOVA.
3. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MTT or ENF courses (excluding summer).
4. In the first 30 credits, students must:
 - a. Complete ENG 111 and ENG 112 with a C or better.
 - b. Complete the first college-level MTH course with a C or better.
5. Students must complete at least six degree-applicable credits with a C or better each fall and spring semester.
6. Students must maintain a 2.5 cumulative GPA.
7. Students must apply for NOVA graduation and complete their Associate's degree.

	NOVA DEGREE REQUIREMENT	Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	SDV Course	1	SDV 100 College Success Skills OR SDV 101 Orientation to XXX	UNIV 100	Elective
2	ENG 111	3	ENG 111 College Composition I	ENGH 101	Written Comm
3	CST Course	3	CST 100 Principles of Public Speaking OR CST 110 Introduction to Communication	COMM 100 COMM 101	Oral Comm
4	GIS 101	3	GIS 101 Introduction to Geospatial Technology I	GGG 110	Major
5	MTH 154 or Higher	5	MTH 167 Pre-Calculus with Trigonometry	MATH 105	Elective
6	Science Course #1	4	BIO 101 General Biology I OR CHM 101 Introductory Chemistry I OR ENV 121 General Environmental Science I OR GOL 105 Physical Geology OR PHY 101 Introduction to Physics I OR	BIOL 103 CHEM 103 EVPP 110 GEOL 101 PHYS 103	Nat Science
7	ENG 112	3	ENG 112 College Composition II	ENGH XXX	Elective
8	PSY 200	3	PSY 200 Introduction to Psychology	PSYC 100	Soc/Behav
9	Science Course #2	4	BIO 102 General Biology II OR CHM 102 Introductory Chemistry II OR ENV 121 General Environmental Science II OR GOL 106 Historical Geology OR PHY 102 Introduction to Physics II	BIOL 106/107 CHEM 104 EVPP 111 GEOL 102 PHYS 104	Nat Science
10	GIS 200	4	GIS 200 Geographical Information Systems I	GGG L311	Major
11	ITE 115	3	CDS 130 Computing For Scientists	CDS 130	Info Tech
12	Humanities/Fine Arts #1	3	ART 100 Art Appreciation OR ART 101 History and Appreciation of Art I OR ART 102 History and Appreciation of Art II OR CST 130 Introduction to Theatre OR CST 151 Film Appreciation I OR MUS 121 Music Appreciation I	ARTH 101 ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101	Arts
13	MTH 245 or Higher	4	MTH 263 Calculus I	MATH 113	Quantitative
14	GIS 201	4	GIS 201 Geographical Information Systems II	GGG L470	Major
15	GEO 200	3	GEO 200 Introduction to Physical Geography	GGG 102	Major
16	ENG Literature Elective	3	ENG 236 Introduction to the Short Story OR ENG 241 Survey of American Literature I OR ENG 242 Survey of American Literature II OR ENG 251 Survey of World Literature I OR ENG 252 Survey of World Literature II OR ENG 253 Survey of African-American Literature I	ENGH 202	Literature
17	GIS 203	3	GIS 203 Cartography for GIS	GGG L310	Major

18	Social/Behavioral Science #1	3	GEO 210 People and the Land: Intro to Cultural Geography	GGS 103	Major
19	Social/Behavioral Science #2	3	GEO 220 World Regional Geography	GGS 101	Global
20	HIS Course	3	HIS 101 History of Western Civilization I OR HIS 102 History of Western Civilization II OR HIS 112 History of World Civilization II	HIST 101 HIST 102 HIST 125	Western Civ
A. S. SOCIAL SCIENCE DEGREE		65			
TOTAL		65			

For academic policies and procedures, please see NOVA catalog - <http://www.nvcc.edu/catalog/index.html>

B.S. Geography

	MASON DEGREE REQUIREMENT	Credits	Course	MASON CORE/DEGREE EQUIVALENT
21	Outside Requirements	3	STAT 250 Introductory Statistics I	Major
22	Core Courses	3	GGS 379 Remote Sensing	Major
23	Breadth and Experience Courses	3	Approved Advanced Technique Courses*	Major
24	General Electives	3	General Electives or Minor (Upper-level, See: Advisor)	Major
25	General Electives	3	General Electives (See: Advisor)	Major
26	Core Courses	3	GGS 300 Quantitative Methods for Geographical Analysis	Major
27	Breadth and Experience Courses	3	Approved Advanced Technique Courses*	Major
28	Gen Ed: Written Communication (Upper level)	3	ENGH 302 Advanced Composition	Written Comm
29	Core Courses	1	GGS 400 Colloquium in Geoinformational Science	Major
30	Gen Ed: Synthesis and Geography Electives	3	GGS 303 Geography of Resource Conservation OR GGS 304 Population Geography	Synthesis & Major
31	Breadth and Experience Courses	3	Approved Systematic Course*	Major
32	General Electives	3	General Electives or Minor (Upper-level, See: Advisor)	Major
33	General Electives	3	General Electives or Minor (Upper-level, See: Advisor)	Major
34	General Electives	3	General Electives or Minor (See: Advisor)	Major
35	Core Courses	3	GGS 415 Seminar in Geography**	Writing Intensive
36	Geography Electives	3	Any 300- or 400-level GGS course	Major
37	Breadth and Experience Courses	3	Approved Regional Course*	Major
38	General Electives	3	General Electives or Minor (Upper-level, See: Advisor)	Major
39	General Electives	3	General Electives or Minor (Upper-level, See: Advisor)	Major

B.S. GEOGRAPHY DEGREE

TOTAL 120

Denotes a course that must be taken at George Mason University. Please see your Success Coach to enroll.

*For approved Breadth and Experience courses, please visit: <https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-bs/#requirementstext>

**GGS 400 is generally offered during the Fall term and GGS 415 is generally offered in the Spring term.

General Note: Candidates for the Geography degree must complete the following Core, Breadth and Experience, and Geography Elective courses with a minimum GPA of 2.00.

For academic policies and procedures, please see Mason catalog - <https://catalog.gmu.edu/policies/>

Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation requirements.