

## A.S. Social Science: Geospatial Specialization

### ADVANCE Program Milestones

- Students must take SDV 100 or SDV 101 in the first semester at NOVA.
- Students must begin Developmental coursework in the first semester in ADVANCE at NOVA.
- 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).
- In the first 30 credits, students must:
  - Complete ENG 111 and ENG 112 with a C or better.
  - Complete the first college-level MTH course with a C or better.
- Students must complete at least six degree-applicable credits with a C or better each fall and spring semester.
- Students must maintain a 2.5 cumulative GPA.
- 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 <b>OR</b> 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 <b>OR</b> 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 <b>OR</b> CHM 101 Introductory Chemistry I <b>OR</b> ENV 121 General Environmental Science I <b>OR</b> GOL 105 Physical Geology <b>OR</b> PHY 101 Introduction to Physics I <b>OR</b>	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 <b>OR</b> CHM 102 Introductory Chemistry II <b>OR</b> ENV 121 General Environmental Science II <b>OR</b> GOL 106 Historical Geology <b>OR</b> 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 <b>OR</b> ART 101 History and Appreciation of Art I <b>OR</b> ART 102 History and Appreciation of Art II <b>OR</b> CST 130 Introduction to Theatre <b>OR</b> CST 151 Film Appreciation I <b>OR</b> 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 <b>OR</b> ENG 241 Survey of American Literature I <b>OR</b> ENG 242 Survey of American Literature II <b>OR</b> ENG 251 Survey of World Literature I <b>OR</b> ENG 252 Survey of World Literature II <b>OR</b> 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 <b>OR</b> HIS 102 History of Western Civilization II <b>OR</b> HIS 112 History of World Civilization II	HIST 101 HIST 102 HIST 125	Western Civ

**A. S. SOCIAL SCIENCE DEGREE**
**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 <b>OR</b> 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.