

Hofstra College of Liberal Arts & Sciences
Peter S. Kalikow School of Government, Public Policy and International Affairs
Department of Global Studies and Geography

B.S. in (GIS) Geographic Information Systems (124 Total Credits)

Department Contact Information

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Advising Notes

- The following overview is an example of what 8 semesters might look like for an incoming First-Year student. If you declare your major later or are a transfer student, your GIS program will likely follow a considerably different sequence. Requirements are subject to change and may vary based on bulletin year, placement tests, AP/CLEP credit, transfer work, summer school, etc. The official degree requirements are found in the University Bulletin and all students pursuing a BS in GIS should refer to their Degree Works audit for their specific graduation requirements.
- The BS Major in Geographic Information Systems (GIS) allows students to complete a broad-based interdisciplinary course of study with required concentrations in geography and geographic information systems, in related applications and methods, in mathematics and statistics, in the natural sciences, and with a selection of relevant electives from across the curriculum.

Program Requirements / Candidates for graduation must fulfill the following requirements:

1. Grade requirement: Courses with grades lower than C- do not count toward the total number of hours required for the major.
2. Residency requirement: At least 15 semester hours must be in-residence.
3. A student must complete a series of courses designed to provide knowledge in a professional, scientific, or technical area outside of geography which complements the student's studies within geography. Such a professional, scientific or technical core will consist of at least 18 semester hours and can be satisfied in one of the following ways:

Completion of:

1. A minor or major in an area outside of geography.
 2. An individually designed professional, scientific or technical core of at least 18 semester hours outside of geography, subject to the approval of the student's geography adviser who will consult with the appropriate other department(s). Examples of an individually designed core might be pre-medical studies, pre-law studies, or other professional areas.
 3. A second major outside of geography, 18 semester hours of which will count toward the BS in geography.
 4. At least 65 s.h. must be completed in liberal arts course work.
 5. Completion of the BS Degree Requirements as indicated in the Bulletin.
- Up to 6 credits of Distribution "Core" Requirements may be taken during Study Abroad.
 - Our "European Odyssey," provides our majors/minors with the opportunity to earn a full semester of credits while travelling through Europe. The European Odyssey, projected to run again in 2021, offers 15 semester credit hours of GS/GEOG course work while studying abroad.
 - We have a thriving student club, and a campus chapter of Gamma Theta Upsilon, the international geographical honor society.

For more information contact

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Assistant Professor

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For more information about all our programs and offerings see our website: www.hofstra.edu/geography

B.S. in (GIS) Geographic Information Systems

8-Semester Guide

First Year

Fall	Typical Course & Notes	Credits
WSC 001	Must be completed with a minimum grade of C-	3
GIS Major Core Requirement	GEOG 001 or 002 or 003 or 004 or 005 or 080	3
GIS Major Core Requirement	GEOG 60	3
Liberal Arts Elective	Refer to Degree Works	3
Elective		3 or 4
Total Credits		15-16

Spring	Typical Course & Notes	Credits
WSC 002	Must be completed with a minimum grade of C-	3
GIS Major Core Requirement	GEOG 160	3
GIS Major Mathematics Requirement	Precalculus or Statistics Course (Refer to DW List)	3 or 4
GIS Major Applications & Methods Requirement	CSC 15/CSC 170/ENGG 110/GEOG 159/GEOG 161/GEOG 162/ SBLV 145/ GEOL 104 A-Z/IT 31/IT 117	3
GS Major Natural Science Requirement	PHYS 001A & B/CHEM 003 A & B/GEOL 001/GEOL 005	3
Total Credits		15-16

Second Year

Fall	Typical Course & Notes	Credits
Major Coursework in GIS	GEOG 150	3
GIS Major Applications & Methods Requirement	CSC 15/CSC 170/ENGG 110/GEOG 159/GEOG 161/GEOG 162/ SBLV 145/ GEOL 104 A-Z/IT 31/IT 117	3
Non-GEOG Minor Coursework		3
Liberal Arts Elective	Refer to Degree Works	3
Liberal Arts Elective	Refer to Degree Works	3
Total Credits		15

Spring	Typical Course & Notes	Credits
GIS Major Core Requirement	GEOG 170	3
GIS Major Applications & Methods Requirement	Refer to Degree Works	3
Non-GEOG Minor Coursework		3
GIS Major Mathematics Requirement	Calculus Course (Refer to DW List)	3 or 4
Liberal Arts Elective	Refer to Degree Works	3
Total Credits		15-16

Third Year

Study Abroad (SA): Fall or Spring Semester or an entire year; not restricted to Junior Year

Fall	Typical Course & Notes	Credits
B.S. Major Elective Course Required	Approved SA Major class such as GEOG 180	3
Liberal Arts Elective	Approved SA class	3
Non-GEOG Minor Coursework	Approved SA class	3
Elective	Approved SA class	3
Elective	Approved SA class	3
Total Credits		15

Spring	Typical Course & Notes	Credits
B.S. Course	Approved SA class	3
B.S. Course	Approved SA class	3
Non-GEOG Minor Coursework	Approved SA class	3
Liberal Arts Elective	Approved SA class	3
Elective	Approved SA class	3 or 4
Total Credits		15-16

Fourth Year

Fall	Typical Course & Notes	Credits
GIS Major Core Requirement	GEOG 191 or GEOG 180	3
Major GIS Coursework	GEOG 190 Internship	3
Non-GEOG Minor Coursework	Refer to Degree Works	3
B.S. Course	Refer to Degree Works	3
B.S. Course	Refer to Degree Works	3
Total Credits		15

Spring	Typical Course & Notes	Credits
B.S. Course	Such as a GEOG 100 Level Honors Thesis	3
Major GIS Coursework	GEOG 190 Internship	3
B.S. Course	Refer to Degree Works	3
Liberal Arts Elective	Refer to Degree Works	3
Major GIS Coursework	GEOG 100 Honors Thesis	3
Total Credits		15

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