

GEOGRAPHY, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2022-23 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Geography, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
EMSC 100S (GWS) ^{†††}	3 General Education Foundation selection (GWS) (ENGL 15, 30, or ESL 15) [‡]	3
MATH 110, 140, 140G, or 83 ^{††}	4 STAT 200 ^{††}	4
General Education Knowledge Domain selection	3 General Education Knowledge Domain selection	3
General Education Knowledge Domain selection	3 General Education Knowledge Domain selection	3
GEOG 210, 220, 230, or 260 [*]	3 GEOG 220, 210, 230, or 260 [*]	3
	16	16

Second Year

Fall	Credits Spring	Credits
General Education Knowledge Domain selection	3 General Education Foundation selection (GWS) (ENGL 202A, ENGL 202B, ENGL 202C, ENGL 202D, CAS 100A, CAS 100B, or CAS 100C) [‡]	3
General Education Knowledge Domain selection	3 General Education Knowledge Domain selection	3
GEOG 230, 210, 220, or 260 [*]	3 GEOG 301 [*]	3
GEOG 260, 210, 220, or 230 [*]	3 300-level GEOG selection [*]	3
GEOG 364 [*]	3 300-level GEOG selection [*]	3
GEOG 390 [*]	1	
	16	15

Third Year

Fall	Credits Spring	Credits
General Education Knowledge Domain selection	3 General Education Knowledge Domain selection	3
GEOG 361, 362, 363, or 365 [*]	3 GEOG 361, 362, 363, or 365 [*]	3
300-level GEOG selection [*]	3 GEOG 464 [*]	3
Supporting Course selection	3 400-level GEOG selection [*]	3
Supporting Course selection	3 400-level GEOG selection [*]	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
General Education Health and Wellness (GHW)	1.5 General Education Health and Wellness (GHW)	1.5
400-level GEOG selection [*]	3 400-level GEOG engaged scholarship selection (GEOG 493, 494, 494H, 495, 495B, 495G, or 499) [*]	3
400-level GEOG selection [*]	3 Elective	3
Supporting Course selection	3 Elective	3
Supporting Course selection	3 Elective	3
	13.5	13.5

Total Credits 120

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and replace both ENGL 30H and CAS 100. Each course is 3 credits.

¹ Students who begin their studies at non-UP locations and/or join the college after their first year should substitute CAS 100 (GWS) or ENGL 202A (GWS) or ENGL 202B (GWS) or ENGL 202C (GWS) or ENGL 202D (GWS) for EMSC 100S (GWS). EMSC 100S Earth and Mineral Sciences

First year Seminar (3) is a required course only for students who begin their studies at UP in the College of Earth and Mineral Sciences.

Advising Notes:

To enter the major, students need a minimum 2.00 grade point average and third semester standing.

Courses required for the major may be offered fall semester only, spring semester only, or both fall and spring semesters. Consult with your adviser and department to discuss your academic progress and course sequencing.

For 300-level selections, students should choose one course each from physical geography (GEOG 31x), human geography (GEOG 32x) and environment-society geography (GEOG 33x). Additional 300-level courses (any topic) may be selected for "Supporting Courses" and "Electives" to complete undergraduate certificate requirements.

Geography majors are encouraged to complete at least one 12-credit undergraduate certificate in geography as part of their degree program. With careful planning, there is room in the curriculum to complete 2 certificates. Certificate topics include Human Geography; Physical Geography; Environment & Society Geography; Geographic Information Science; Geospatial Big Data Analytics; Justice, Ethics, Diversity in Space; and Landscape Ecology. Certificate courses double-count with major requirements, but students completing more than one certificate may only double-count a single course for each.

Geography course notes:

- Students who have taken GEOG 10, GEOG 20, GEOG 30N/Geographic Perspectives on Sustainability and Human-Environment Systems (GEOG 30), GEOG 115, Urban Geography (GEOG 120), GEOG 124, GEOG 126, GEOG 128, or GEOG 160 should NOT take GEOG 210, GEOG 220, GEOG 230, GEOG 315, GEOG 320, GEOG 324, GEOG 326, GEOG 328, or GEOG 260 as the latter courses are functionally equivalent to the former and substitutions will be made as needed.
- The following courses are typically offered in **Fall semesters only** at UP: GEOG 210, GEOG 220, GEOG 310, GEOG 324, GEOG 328, GEOG 361, GEOG 362, GEOG 364, GEOG 365, GEOG 461W
- The following courses are typically offered in **Spring semesters only** at UP: GEOG 301, GEOG 314, GEOG 315, GEOG 363, GEOG 464, GEOG 467
- Some courses may alternate between Fall and Spring offerings depending on teaching resources, and some 400-level courses may be offered only once every other year. Consult with geography undergraduate adviser (advising@geog.psu.edu) for current offering schedule.
- Geography majors must select at least one writing-intensive course (WAC) in their 300/400-level courses. Some courses alternate between writing-intensive and non-writing-intensive offerings (e.g., GEOG 310/GEOG 310W; GEOG 411/GEOG 411W; GEOG 410/GEOG 412W, whose number will be changed to GEOG 410W). Other courses are offered only as writing-intensive, even if the suffix W/Y does not appear (e.g. GEOG 461W).

Geography, B.S. at Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits	Spring	Credits
General Education Foundation selection (GWS) (ENGL 15, 30, or ESL 15) [‡]	3	General Education Foundation selection (GWS) (CAS 100, 100A, 100B, or 100C) ^{††1}	3
MATH 110, 140, or 83 ^{††}	4	STAT 200 ^{††}	4
General Education Knowledge Domain selection	3	General Education Health and Wellness (GHW)	1.5
General Education Knowledge Domain selection	3	General Education Knowledge Domain selection	3
General Education Knowledge Domain selection	3	General Education Knowledge Domain selection	3
	16		14.5

Second Year

Fall	Credits	Spring	Credits
General Education Foundation selection (GWS) (ENGL 202A, ENGL 202B, ENGL 202C, ENGL 202D) [‡]	3	General Education Health and Wellness (GHW)	1.5
General Education Knowledge Domain selection	3	Elective	3
General Education Knowledge Domain selection	3	Elective	3
General Education Knowledge Domain selection	3	Elective	3
General Education Knowledge Domain selection	3	Supporting course	3
	15		13.5

Third Year

Fall	Credits	Spring	Credits
GEOG 210 [*]	3	GEOG 301 [*]	3
GEOG 220 [*]	3	300-level GEOG selection [*]	3
GEOG 230 [*]	3	300-level GEOG selection [*]	3
GEOG 260 [*]	3	GEOG 464 [*]	3
GEOG 364 [*]	3	Supporting Course	3
GEOG 390 [*]	1		
	16		15

Fourth Year

Fall	Credits	Spring	Credits
GEOG 361, 362, 363, or 365 [*]	3	400-level GEOG selection [*]	3
GEOG 362, 361, 363, or 365 [*]	3	400-level GEOG selection [*]	3
300-level GEOG selection [*]	3	400-level GEOG engaged scholarship selection (GEOG 493, 494, 494H, 495, 495B, 495G, or 499) [*]	3
400-level GEOG selection [*]	3	Supporting Course	3
400-level GEOG selection [*]	3	Supporting Course	3
	15		15

Total Credits 120

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University Requirements and General Education Notes:

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GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

¹ Students who begin their studies at non-UP locations and/or join the college after their first year should substitute CAS 100 (GWS) or ENGL 202A (GWS) or ENGL 202B (GWS) or ENGL 202C (GWS) or ENGL 202D (GWS) for EMSC 100S (GWS). EMSC 100S Earth and Mineral Sciences First-Year Seminar is a required course only for students who begin their studies at UP in the College of Earth and Mineral Sciences.

Advising Notes:

Commonwealth campus students are **strongly** advised to complete all GWS, GQ, and GHW credits before transitioning to UP, as these courses may be challenging to schedule at UP. STAT 200 is a prerequisite for GEOG 364, which is only offered at UP in fall semesters.

To enter the major, students need a minimum 2.00 grade point average and third semester standing.

Courses required for the major may be offered fall semester only, spring semester only, or both fall and spring semesters. Consult with your adviser and department to discuss your academic progress and course sequencing.

For 300-level selections, students should choose one course each from physical geography (GEOG 31x), human geography (GEOG 32x) and

environment-society geography (GEOG 33x). Additional 300-level courses (any topic) may be selected for "Supporting Courses" and "Electives" to complete undergraduate certificate requirements.

Geography majors are encouraged to complete at least one 12-credit undergraduate certificate in geography as part of their degree program. With careful planning, there is room in the curriculum to complete 2 certificates. Certificate topics include Human Geography; Physical Geography; Environment & Society Geography; Geographic Information Science; Geospatial Big Data Analytics; Justice, Ethics, Diversity in Space; and Landscape Ecology. Certificate courses double-count with major requirements, but students completing more than one certificate may only double-count a single course for each.

Geography course notes:

- Some courses may be available online to students at Commonwealth Campuses via the Digital Learning Cooperative. Interested students should consult with their academic adviser and campus registrar regarding availability, and with the geography department undergraduate adviser (advising@geog.psu.edu) regarding how such courses may fit into the academic plan.
- Students who have taken GEOG 10, GEOG 20, GEOG 30N/Geographic Perspectives on Sustainability and Human-Environment Systems (GEOG 30), GEOG 115, Urban Geography (GEOG 120), GEOG 124, GEOG 126, GEOG 128, or GEOG 160 should NOT take GEOG 210, GEOG 220, GEOG 230, GEOG 315, GEOG 320, GEOG 324, GEOG 326, GEOG 328, or GEOG 260 as the latter courses are functionally equivalent to the former and substitutions will be made as needed.
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