GEOSCIENCES, B.A.

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 2023-24 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).

Geosciences, B.A. at University Park Campus

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First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 110, 140, or 140G (GQ)††</td>
<td>4</td>
<td>ENGL 15, 30H, or ESL 15 (GWS)††</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110 (GN)†</td>
<td>3</td>
<td>PHYS 251 (GN)†</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 111 (GN)†</td>
<td>1</td>
<td>General Education Knowledge Domain</td>
<td>3</td>
</tr>
<tr>
<td>GEOSC 1*</td>
<td>3</td>
<td>MATH 141, 141G, 111, STAT 200, or STAT 250 (GQ)††</td>
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<td>EMSC 100S††</td>
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|                   |         |                          |         |
|                   | 14      |                          | 14      |

Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOSC 201*</td>
<td>4</td>
<td>GEOSC 310 or 320*</td>
<td>3-4</td>
</tr>
<tr>
<td>BIOL 110 (GN)†</td>
<td>4</td>
<td>BIOL 220W, PHYS 251, or CHEM 112 and CHEM 113</td>
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</tr>
<tr>
<td>World Language level 1</td>
<td>4</td>
<td>General Education Knowledge Domain</td>
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</tr>
<tr>
<td>General Education Knowledge Domain</td>
<td>3</td>
<td>World Language level 2</td>
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|                   |         |                          |         |
|                   | 15      |                          | 15.5-16.5|

Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOSC 202, 203, or 204</td>
<td>4</td>
<td>General Education Foundation selection (GWS)†</td>
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<tr>
<td>World Language level 3</td>
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<td>Supporting Course</td>
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<tr>
<td>BIOL 220W, PHYS 251, or CHEM 112 and CHEM 113</td>
<td>4</td>
<td>Bachelor of Arts Course</td>
<td>3</td>
</tr>
<tr>
<td>General Education Knowledge Domain</td>
<td>3</td>
<td>Bachelor of Arts Course</td>
<td>3</td>
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</table>

|                   |         |                          |         |
|                   | 15      |                          |         |

Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Supporting Course</td>
<td>3</td>
<td>Advanced 300/400 level GEOSC course</td>
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<tr>
<td>Supporting Course</td>
<td>3</td>
<td>Field/lab experience</td>
<td>3</td>
</tr>
<tr>
<td>Advanced 300/400 level GEOSC course</td>
<td>3</td>
<td>Writing intensive course from within Earth and Mineral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>General Education Knowledge Domain</td>
<td>3</td>
<td>Other cultures course</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Arts Course</td>
<td>3</td>
<td>Supporting Course</td>
<td>3</td>
</tr>
<tr>
<td>General Education Health and Wellness (GHW)</td>
<td>1.5</td>
<td></td>
<td></td>
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</tbody>
</table>

|                   |         |                          |         |
|                   | 16.5    |                          | 15      |

Total Credits 120-121

* 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 Cultural Diversity 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.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

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 satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Bachelor of Arts Requirements:

Bachelor of Arts students must take 9 credits in Bachelor of Arts (B.A.) Fields (Humanities; Social and Behavioral Sciences; Arts; World Languages [2nd language or beyond the 12th credit level of proficiency in the 1st]; Natural Sciences; Quantification). The B.A. Fields courses may not be taken in the area of the student's primary major. See your adviser and the Degree Requirements section (https://bulletins.psu.edu/undergraduate/general-information/academic-information/) of this Bulletin.

Bachelor of Arts students must take 3 credits in Other Cultures.
See your adviser and the full list of courses approved as Other Cultures courses (https://bulletins.psu.edu/undergraduate/general-education/course-lists/ba-other-cultures/).

1 Students who begin their studies at non-UP locations and/or join the college after their first year should substitute CAS 100 (GWS), CAS 100A, CAS 100B, or CAS 100C; or ENGL 202C (GWS) or EM SC 100S (GWS). EM SC 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:

Supporting Courses should be selected in consultation with an adviser.
Students may use up to 6 credits of ROTC.
Geosciences, B.A. 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.

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<td>4</td>
<td>PHY 250 (GN)†</td>
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<td>MATH 141, 111, STAT 200, or STAT 250 (GQ)‡†</td>
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<tr>
<td>CHEM 111 (GN)‡</td>
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<td>World Language Level 2</td>
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<td>World Language Level 1</td>
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<td>General Education Knowledge Domain</td>
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<td>BOL 220W, PHY 251, or CHEM 112 and CHEM 113</td>
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<tr>
<td>CAS 100, CAS 100A, CAS 100B, or CAS 100C (GWS)§†</td>
<td>3 ENGL 202C (GWS)§†</td>
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<td>4</td>
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<td>GEOSC 201*</td>
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<td>BIOL 220W, PHY 251, or CHEM 112 and CHEM 113</td>
<td>4 Supporting Course</td>
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<tr>
<td>General Education Knowledge Domain</td>
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<tr>
<td>Other cultures</td>
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<td>3 GEOC course</td>
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