IMMUNOLOGY AND INFECTION DISEASE, 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 2021-22 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 contain suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin).

Immunology and Infectious Disease, B.S. at University Park Campus and Altoona 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 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

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VBSC 50 (or First Year Seminar)</td>
<td>3 ENGL 15, 30H, or ESL 15†‡</td>
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<tr>
<td>BIOL 110*†‡</td>
<td>4 BIOL 220W or 240W*‡</td>
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<tr>
<td>CHEM 110**§†</td>
<td>3 CHEM 112**§†</td>
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</tr>
<tr>
<td>CHEM 111**§†</td>
<td>1 CHEM 113**§†</td>
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</tr>
<tr>
<td>MATH 140**§†</td>
<td>4 MATH 141**§†</td>
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<tr>
<td>General Education Course</td>
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Second Year

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<tr>
<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
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<tr>
<td>PHYS 250</td>
<td>4 PHYS 251</td>
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<tr>
<td>CHEM 210</td>
<td>3 CHEM 212</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CAS 100, 100A, 100B, or 100C‡</td>
<td>3 CHEM 213</td>
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<tr>
<td>General Education Course (GHW)</td>
<td>1.5 MICRB 201*</td>
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Third Year

<table>
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<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BMB 401*</td>
<td>3 BMB 402*</td>
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<tr>
<td>MICRB 410*</td>
<td>3 VBSC 444 or HPA 440*</td>
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<tr>
<td>STAT 240, 200, or 250</td>
<td>3-4 ENGL 202C††</td>
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<tr>
<td>MICRB 202*</td>
<td>2 Elective or Supporting Course</td>
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</tr>
<tr>
<td>Supporting Course 400-level*</td>
<td>3 General Education Course</td>
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<p>|</p>
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<th>Fourth Year</th>
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<tr>
<td>VBSC 435, 445, or 451†</td>
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<td>VBSC 435, 445, or 451†</td>
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<td>Supporting Course 400-level*</td>
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<tr>
<td>Elective or Supporting Course</td>
<td>3 Supporting Course 400-level*</td>
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Total Credits 126-127

* 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.

Advising Note:

Electives and Supporting Courses – Supporting courses are 400-level courses chosen from a department-approved list or approved by the Program Coordinator. Students must take 9 credits of supporting courses (all of which must have a grade of C or better). Elective credits may be used to earn a minor, usually commencing in the fifth semester. Please consult with your academic adviser for planning.
# Immunology and Infectious Disease, B.S. at Commonwealth Campuses (except Altoona 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

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<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
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<tr>
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<td>BIOL 110††</td>
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<td>BIOL 220W* 9</td>
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<td>CHEM 110*††</td>
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Total Credits 125-128

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