Erie Community College

To prepare for studying within the College of Agriculture and Life Sciences, each academic major has key foundation courses that competitive transfer candidates need to complete or have in progress at the time of their education.

The College of Agriculture and Life Sciences and Cornell University reserve the right to determine, in their sole discretion, whether course credit earned at other schools, either secondary or post-secondary, meet the College’s and the University’s academic standards and will therefore be eligible to be applied toward Cornell degree requirements. Applicants and matriculated students should not assume that, because a particular course taken at another school is listed as a recommended course or a foundational course, it will necessarily be eligible for Cornell credit.

<table>
<thead>
<tr>
<th>Required Transfer Course</th>
<th>Course Equivalency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Art</strong></td>
<td></td>
</tr>
<tr>
<td>Design</td>
<td>AT 230 Design I</td>
</tr>
<tr>
<td>Drawing</td>
<td>AT 200 Art Drawing I</td>
</tr>
<tr>
<td><strong>Biology</strong></td>
<td></td>
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<tr>
<td>One full academic year of Biology</td>
<td>BI 110 Biology I</td>
</tr>
<tr>
<td></td>
<td>BI 112 Biology II</td>
</tr>
<tr>
<td>Microbiology</td>
<td>BI 230 Microbiology</td>
</tr>
</tbody>
</table>

NOTE: AP, IB & GCE credit is not accepted for the Biological Sciences and Biology and Society majors

*online biology courses are not accepted

**Chemistry**

Chemistry I with lab           CH 180 University Chemistry I
Chemistry II with lab           CH 182 University Chemistry II
Organic Chemistry I with lab    CH 220 Organic Chemistry I
Organic Chemistry II with lab   CH 222 Organic Chemistry II

**Communication**

Public Speaking                EN 114 Public Speaking

**Computer Programming**

Computer Programming courses equivalent to Cornell CS 1110 and CS 1112.
Economics
Macroeconomics EC 102 Macroeconomics
Microeconomics EC 103 Microeconomics

English
College Writing/English Composition EN 110 College Composition

Engineering Mechanics ME 114 Analytical Mechanics

Mathematics
Calculus I MT 181 Calculus with Analytic Geometry I
Calculus II MT 182 Calculus with Analytic Geometry II
Calculus III MT 283 Calculus with Analytic Geometry III
Linear Algebra MT 292 Introduction to Linear Algebra
Differential Equations MT 284 Introduction to Differential Equations

Physics
Physics I PH 270 College Physics I
PH 271 Lab for PH 270
Physics II PH 272 College Physics II
PH 273 Lab for PH 272

Psychology PS 100 General Psychology

Sociology SO 100 Introduction to Sociology

02/11/2015