Genesee 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>ART 105 Two Dimensional Design</td>
</tr>
<tr>
<td>Drawing</td>
<td>ART 110 Drawing</td>
</tr>
<tr>
<td><strong>Biology</strong></td>
<td></td>
</tr>
<tr>
<td>One full academic year of Biology with labs</td>
<td>BIO 115 General Biology I</td>
</tr>
<tr>
<td></td>
<td>BIO 116 General Biology II</td>
</tr>
</tbody>
</table>

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

*Online biology courses are not accepted.

<table>
<thead>
<tr>
<th><strong>Chemistry</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry I with lab</td>
<td>CHE 101 General Chemistry I</td>
</tr>
<tr>
<td>Chemistry II with lab</td>
<td>CHE 102 General Chemistry II</td>
</tr>
<tr>
<td>Organic Chemistry I with lab</td>
<td>CHE 201 Organic Chemistry I</td>
</tr>
<tr>
<td>Organic Chemistry II with lab</td>
<td>CHE 202 Organic Chemistry II</td>
</tr>
</tbody>
</table>

**Communication**

Public Speaking  SPE 108 Public Speaking

**Computer**

Computer Programming
Computer Programming courses equivalent to Cornell CS 1110 and CS 1112.

**Economics**

Macroeconomics  ECO 105 Macroeconomics
Microeconomics  ECO 101 Microeconomics
EGR 236 Engineering Mechanics: Dynamics |
|--------------------------|-----------------------------------|
| **English**              | ENG 101 College Composition       
ENG 102 Composition in the Natural and Social Sciences  
ENG 106 Technical Writing  
ENG 214 Introduction to Creative Writing |
| English Composition/College Writing | ENG 101 College Composition       
ENG 102 Composition in the Natural and Social Sciences  
ENG 106 Technical Writing  
ENG 214 Introduction to Creative Writing |
| **Mathematics**          | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| Calculus I               | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| Calculus II              | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| Calculus III             | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| Linear Algebra           | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| Differential Equations   | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| Statistics               | MAT 141 Calculus I                 
MAT 142 Calculus II             
MAT 245 Calculus III            
MAT 290 Linear Algebra         
MAT 255 Differential Equations  
MAT 129 Statistics             |
| **Physics**              | PHY 121 College Physics I          
PHY 122 College Physics II      |
| Physics I                | PHY 121 College Physics I          
PHY 122 College Physics II      |
| Physics II               | PHY 121 College Physics I          
PHY 122 College Physics II      |
| **Psychology**           | PSY 101 General Psychology         |
| **Sociology**            | SOC 101 Introductory Sociology      |
|                          | SOC 101 Introductory Sociology      |

02/11/2015