

Biology Transfer Plan, College of Agriculture
Equivalency with North Iowa Area Community College

First Semester

| Course Title (NIACC) | NIACC | ISU | Credits |
|--|---------|-----------|---------|
| Composition I | ENG 105 | ENGL 150* | 3 |
| Biology I | BIO 202 | BIOL 211 | 3 |
| Biology Lab | | BIOL 211L | 1 |
| Chemistry Principles I | CHM 166 | CHEM 177 | 4 |
| Chemistry Principles I Lab | | CHEM 177L | 1 |
| Introduction to Statistics | MAT 156 | STAT 104 | 3 |
| OR Analytic Geometry and Calculus I | MAT 210 | MATH 165 | 4 |
| | | | 15-16 |

Second Semester

| Course Title (NIACC) | NIACC | ISU | Credits |
|---|-------------------|-----------|---------|
| Composition II | ENG 106 | ENGL 250* | 3 |
| Biology II | BIO 203 | BIOL 212 | 3 |
| Biology Lab | | BIOL 212L | 1 |
| Chemistry Principles II | CHM 176 | CHEM 178 | 4 |
| Chemistry Principles II Lab | | CHEM 178L | 1 |
| Humanity or Social Science | See details below | | 3 |
| OR Analytic Geometry and Calculus II | MAT 216 | MATH 166 | 4 |
| | | | 15-16 |

Third Semester

| Course Title (NIACC) | NIACC | ISU | Credits |
|-------------------------------|-------------------|-----------|---------|
| Humanity or Social Science | See details below | | 3 |
| General Physics I | PHY 162 | PHYS 111 | 4 |
| Organic Chemistry I | CHM 263 | CHEM 331 | 3 |
| Organic Chemistry I Lab | | CHEM 333L | 2 |
| Fundamentals of Communication | | | |
| OR Public Speaking | | SP CM 212 | 3 |
| | | | 15 |

Fourth Semester

| Course Title (NIACC) | NIACC | ISU | Credits |
|---------------------------|-------------------|-----------|---------|
| Ethics Course | See details below | | 3 |
| General Physics II | PHY 172 | PHYS 112 | 4 |
| Organic Chemistry II | CHM 273 | CHEM 332 | 3 |
| Organic Chemistry II Lab | | CHEM 334L | 2 |
| International Perspective | See details below | | 3 |
| | | | 15 |

This guide was developed to assist students planning to attend Iowa State University and major in Biology in the College of Agriculture. The equivalency table is based on the ISU 2005-07 Catalog and the NIACC 2005-06 Catalog. Students should contact an advisor in Biology (biology@iastate.edu, 515-294-1064) for more assistance.

*As part of ISUCOM, students at Iowa State will take Engl 150 in their first year and their second course, Engl 250, in their second year. If these course equivalents are taken at the CC and transferred to ISU they may be taken in the first year.

Courses which apply to the College of Agriculture requirements for Humanities, Social Sciences, Ethics and International Perspectives see Special Lists below.

Common courses which apply to College of Agriculture Requirements:

*** Other courses may apply; contact an advisor in Biology at ISU.*

Humanity (need 1 course, 3 cr)

Courses from History such as NIACC HIS 112, 113, 151, 152

Courses from Literature such as NIACC EDU 235; LIT 170

Social Sciences

Courses from Political Science such as NIACC POL 111, 112

Courses from Psychology such as NIACC PSY 111, 121, 281

Courses from Sociology such as NIACC SOC 110, 115, 120

Ethics

Courses from Philosophy such as NIACC PHI 101, 105

Common courses which apply to ISU International Perspectives requirements:

*** Other courses may apply; contact an advisor in Biology at ISU.*

NIACC History HIS 112, 113

For a full list of NIACC courses which transfer to ISU see the Iowa State University Admissions web page: <http://www.admissions.iastate.edu/equiv/iowa.php?type=transfer>