

**Biology Transfer Plan, College of Agriculture  
Equivalency with Indian Hills Community College**

**First Semester**

| Course Title (IHCC)  | IHCC    | ISU       | Credits |
|----------------------|---------|-----------|---------|
| College Writing I    | ENG 105 | ENGL 150* | 3       |
| Biology I            | BIO 120 | BIOL 211  | 3       |
| Biology I Lab        |         | BIOL 211L | 1       |
| Chemistry I          | CHM 166 | CHEM 177  | 4       |
| Chemistry I Lab      |         | CHEM 177L | 1       |
| Statistics           | MAT 156 | STAT 104  | 3       |
| <b>OR</b> Calculus I | MAT 210 | MATH 165  | 4       |
|                      |         |           | 15-16   |

**Second Semester**

| Course Title (IHCC)        | IHCC              | ISU       | Credits |
|----------------------------|-------------------|-----------|---------|
| College Writing II         | ENG 106           | ENGL 250* | 3       |
| Biology II                 | See details below | BIOL 212  | 4       |
| Biology II Lab             |                   | BIOL 212L | 2       |
| Chemistry II               | CHM 176           | CHEM 178  | 4       |
| Chemistry II Lab           |                   | CHEM 178L | 1       |
| Humanity or Social Science | See details below |           | 3       |
| <b>OR</b> Calculus II      | MAT 216           | MATH 166  | 4       |
|                            |                   |           | 17-18   |

**Third Semester**

| Course Title (IHCC)        | IHCC              | ISU       | Credits |
|----------------------------|-------------------|-----------|---------|
| Humanity or Social Science | See details below |           | 3       |
| General Physics I          | See details below | PHYS 111  | 4.5     |
| Organic Chemistry I        | See details below | CHEM 331  | 3       |
| Organic Chemistry I Lab    |                   | CHEM 333L | 1.5     |
| Fundamentals of Speech     | SPC 112           | SP CM 212 | 3       |
|                            |                   |           | 15      |

**Fourth Semester**

| Course Title (IHCC)       | IHCC              | ISU       | Credits |
|---------------------------|-------------------|-----------|---------|
| Ethics Course             | See details below |           | 3       |
| College Physics II        | See details below | PHYS 112  | 4.5     |
| Organic Chemistry II      | See details below | CHEM 332  | 3       |
| Organic Chemistry II Lab  |                   | CHEM 334L | 1.5     |
| 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 IHCC 2005-06 Catalog. Students should contact an advisor in Biology ([biology@iastate.edu](mailto: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.

*General Biology IID, BIO 121, and General Biology IIID, Bio 122, are both required to fulfill ISU BIOL 212 and BIOL 212L*

*Organic Chemistry I, CHM 251, Organic Chemistry II, CHM 252, and Organic Chemistry III, CHM 253, are all required to fulfill ISU CHEM 331, 331L, 332, and 332L*

*General Physics I, PHY 151, General Physics II, PHY 152, and General Physics III, PHY 153, are all required to fulfill ISU PHYS 111 and PHYS 112*

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 IHCC HIS 110, 111, 151, 152

Courses from Humanities such as IHCC CLS 175, DRA 101, REL 101, WST 101

Courses from Literature such as IHCC EDU 235

Social Sciences

Courses from Political Science such as IHCC POL 111, 121

Courses from Psychology such as IHCC PSY 111, 121, 251, 281; SDV 114

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

Ethics

Courses from Philosophy such as IHCC PHI 101, 145; DRA 108

Common courses which apply to ISU International Perspectives requirements:

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

IHCC Humanities REL 101 Survey of World Religions

IHCC Social Science HIS 110, 111

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