

**Biology Transfer Plan, College of Agriculture
Equivalency with Iowa Valley Community College District**

First Semester

| Course Title (IVCCD) | IVCCD | ISU | Credits |
|-------------------------|---------|-----------|---------|
| English Composition I | ENG 105 | ENGL 150* | 3 |
| General Biology I | BIO 112 | BIOL 211 | 3 |
| General Biology II Lab | | BIOL 211L | 1 |
| General Chemistry I | CHM 165 | CHEM 177 | 3 |
| General Chemistry I Lab | | CHEM 177L | 1 |
| Statistics I | MAT 156 | STAT 104 | 3 |
| OR Calculus I | MAT 210 | MATH 165 | 4 |
| | | | 14-15 |

Second Semester

| Course Title (IVCCD) | IVCCD | ISU | Credits |
|----------------------------|-------------------|-----------|---------|
| English Composition II | ENG 106 | ENGL 250* | 3 |
| General Biology II | BIO 113 | BIOL 212 | 3 |
| General Biology II Lab | | BIOL 212L | 1 |
| General Chemistry II | CHM 175 | CHEM 178 | 3 |
| General Chemistry II Lab | | CHEM 178L | 1 |
| Humanity or Social Science | See details below | | 3 |
| OR Calculus II | MAT 216 | MATH 166 | 4 |
| | | | 14-15 |

Third Semester

| Course Title (IVCCD) | IVCCD | ISU | Credits |
|----------------------------|-------------------|-----------|---------|
| Humanity or Social Science | See details below | | 3 |
| College Physics I | PHY 162 | PHYS 111 | 4 |
| Organic Chemistry I | CHM 261 | CHEM 331 | 3 |
| Organic Chemistry I Lab | | CHEM 331L | 1 |
| Principles of Speech | SPC 112 | SP CM 212 | 3 |
| | | | 14 |

Fourth Semester

| Course Title (IVCCD) | IVCCD | ISU | Credits |
|---------------------------|-------------------|-----------|---------|
| Ethics Course | See details below | | 3 |
| College Physics II | PHY 172 | PHYS 112 | 4 |
| Organic Chemistry II | CHM 271 | CHEM 332 | 3 |
| Organic Chemistry II Lab | | CHEM 332L | 1 |
| International Perspective | See details below | | 3 |
| | | | 14 |

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 IVCCD 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 IVCCD HIS 112, 113, 151, 152

Courses from Humanities such as IVCCD MUS 100

Courses from Literature such as IVCCD EDU 235; LIT 101

Social Sciences

Courses from Political Science such as IVCCD POL 111

Courses from Psychology such as IVCCD EDU 160; PSY 111, 251; SDV 111

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

Ethics

Courses from Philosophy such as IVCCD PHI 101, 105

Common courses which apply to ISU International Perspectives requirements:

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

IVCCD Religion REL 100 Survey of World Religions

IVCCD History HIS 112, 113

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