

Transfer Guide

College of Agricultural, Consumer and Environmental Sciences (ACES) University of Illinois at Urbana-Champaign

General Information:

This Curriculum Guide outlines a set of required and recommended courses that may guide students at Sauk Valley Community College interested in completing a Bachelor's Degree at the College of Agricultural, Consumer and Environmental Sciences (ACES) at the University of Illinois at Urbana-Champaign.

The majors offered in the College of ACES include:

- Agricultural and Consumer Economics
- Agricultural Leadership, Education, and Communications
- Agronomy
- Animal Sciences
- Computer Science and Animal Sciences
- Crop Sciences
- Computer Science and Crop Sciences
- Engineering Technology and Management for Agricultural Systems
- Food Science and Human Nutrition
- Human Development and Family Studies
- Natural Resources and Environmental Sciences
- Plant Biotechnology

Descriptions of each of these majors and their concentrations may be found at www.aces.illinois.edu. Specific recommendations for Sauk Valley Community College courses that will meet the requirements for each of the majors are listed below.

To learn more about the transferability of courses not on this list, please use the U Select Website www.transferology.com in conjunction with the University of Illinois General Education course listing courses.illinois.edu or contact the ACES Academic Programs Office (contact info below).

Application Availability and Grade Point Average Requirements

Most majors in the College of ACES require a **minimum 2.50 GPA** to be considered for admission. However, **several programs require higher minimum grade point averages for consideration, and so applicants should consult the specific major and concentration to which they intend to transfer (see information below).**

Language Other than English Requirement:

The College of Agricultural, Consumer & Environmental Sciences (ACES) requires completion through the third level of one language other than English, either in high school or college, to **graduate** from the college. It is **strongly** recommended that transfer applicants complete this graduation requirement prior to the term of enrollment at Illinois. Early completion of this graduation requirement will allow time to complete other degree requirements. Length of time to graduation may increase if the language requirement is not completed prior to enrollment.

Agricultural and Consumer Economics

with concentrations in:

Agri-Accounting
Agribusiness, Markets and Management
Consumer Economics and Finance
Environmental Economics and Policy
Farm Management
Finance in Agribusiness
Financial Planning
Policy, International Trade and Development
Public Policy and Law

The minimum GPA for application to all programs in the Dept. of ACE is 2.75. Meeting the minimum may not ensure your admission, since the actual GPA of the yearly applicant pool determines that number. A GPA of 3.0 is recommended to be competitive.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ ACC 101, Financial Accounting
- ✓ ECO 211, Principles of Economics
- ✓ ECO 212, Problems of Economics **or** AGR 102, Agricultural Economics
- ✓ MAT 203, Calculus & Analytic Geometry I **or** MAT 221, Calculus for Business & Social Science
- ✓ MAT 220, Finite Mathematics **or** MAT 204, Calculus II

Additional admission requirement for junior transfer to Agri-Accounting; Finance in Agribusiness; Agribusiness, Markets and Management:

- ✓ ACC 102, Managerial Accounting

Highly recommended courses

- ✓ CIS 109, Introduction to Microcomputer Windows
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ **Language Other than English Requirement (See page 2)**

Required coursework must be completed prior to the desired term of entry

Agricultural Leadership, Education, and Communications

with concentrations in:

Agricultural Communications

Agricultural Education*

Organizational & Community Leadership

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ ENG 101, Composition I **and** ENG 103, Composition II

Highly recommended courses for Agricultural Communications or Organizational & Community Leadership

- ✓ BUS 216 Advertising
- ✓ COM 231, Public Speaking
- ✓ PSC 163 Am Gov't & Pol **or** AGR 102 Intro to Ag Econ **or** ECO 212 Microeconomics
- ✓ MAT 240, Elementary Statistics
- ✓ PSY 103, Introduction to Psychology
- ✓ **Language Other than English Requirement (See page 2)**
- ✓ **Cultural Studies** – General Education requirement (Western and Non-Western)
- ✓ **Humanities** – General Education Requirement
- ✓ **Quantitative Reasoning II** – General Education Requirement
- ✓ **Natural Science – Physical Science** CHE105 **or** PHY201
- ✓ ****Natural Science – Life Science** AGR 201 **or** BIO 123 **or** BIO 140 **or** BIO111

**** Only students interested in Organizational & Community Leadership concentration.**

For information about the University of Illinois' General Education requirements, please refer to: <https://courses.illinois.edu/gened>

Highly recommended courses for Agricultural Education

- ✓ AGR 102 Intro to Ag Econ **or** ECO 212 Microeconomics
- ✓ AGR 116 Animal Science
- ✓ COM 131, Introduction to Oral Communication
- ✓ AGR 201 Plant Science
- ✓ EDU 224 Education as an Agent for Change
- ✓ EDU 275 Educational Psychology
- ✓ AGR 142 Principles of Ornamental Horticulture
- ✓ MAT 220 Finite Math **or** MAT 203 Calculus I **or** MAT 221 Calculus for Business & SS
- ✓ PSY 103 Introduction to Psychology
- ✓ MAT 240 Elementary Statistics

- ✓ AGR 130 Intro to Ag Mechanics
- ✓ **Language Other than English Requirement (See page 2)**
- ✓ **Cultural Studies** – General Education requirement (Western and Non-Western)
- ✓ **Humanities** – General Education Requirement
- ✓ **Natural Science – Physical Science** CHE105 or PHY201

For information about the University of Illinois' General Education requirements, please refer to: <https://courses.illinois.edu/gened>

*For details regarding teacher licensure programs, please review information available from the Council on Teacher Education: <http://www.cote.illinois.edu>

Agronomy

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105 General Chemistry I
- ✓ MAT 121 College Algebra or higher

Highly recommended courses

- ✓ CHE 106 General Chemistry II
- ✓ COM 131, Introduction to Oral Communication
- ✓ AGR 201 Plant Science
- ✓ MAT 203 Calculus I **or** MAT 221 Calculus for Business & SS
- ✓ **Language Other than English requirement (See page 2)**

Animal Sciences

with concentrations in:

Companion Animal and Equine Sciences
Science, Pre-Veterinary and Medical
Food Animal Production and Management

The minimum GPA for admission consideration is 2.50. However, 2.75 or above is preferred. The minimum GPA is not an indicator of success in the animal science curriculum.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105, General Chemistry I
- ✓ CHE 106, General Chemistry II
- ✓ MAT 203, Calculus & Analytical Geometry I **or** MAT 221, Calculus for Business & Social Science

Highly recommended courses

- ✓ AGR 102, Introduction to Agricultural Economics **or** ECO 212, Problems of Economics
- ✓ AGR 116, Animal Science
- ✓ BIO 111, Introductory Microbiology
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ MAT 240, Elementary Statistics
- ✓ **Language Other than English requirement (See page 2)**

If interested in pursuing veterinarian school after the bachelor's in animal science, it is recommended to have a minimum of a 3.5 GPA. It is also highly recommended to complete the following before transfer:

- ✓ CHE 201 Organic Chemistry I **and** CHE 202 Organic Chemistry II
- ✓ PHY 201 General Physics I
- ✓ PHY 202 General Physics II

Computer Science and Animal Sciences

The minimum GPA for admission consideration is a 3.67, with at least a GPA of 3.67 or higher for the transfer courses equivalent to the required courses listed below.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105 General Chemistry I
- ✓ CHE 106 General Chemistry II
- ✓ CIS 207 C++ Programming I **or** CIS 208, C++ Programming II*
- ✓ MAT 203, Calculus & Analytic Geometry I
- ✓ MAT 204, Calculus & Analytic Geometry II
- ✓ Equivalent of UIUC's CS 225 Data Structures (not offered at Sauk Valley)

Highly recommended courses

- ✓ AGR 116 Animal Science
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ **Language Other than English requirement (See page 2)**

* CIS 208 at Sauk Valley has a pre-requisite requirement of CIS 207.

Computer Science and Crop Sciences

The minimum GPA for admission consideration is a 3.50, with at least a GPA of 3.50 or higher for the transfer courses equivalent to the required courses listed below.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CIS 207 C++ Programming I **or** CIS 208, C++ Programming II*
- ✓ MAT 203, Calculus & Analytic Geometry I
- ✓ MAT 204, Calculus & Analytic Geometry II
- ✓ Equivalent of UIUC's CS 225 Data Structures (not offered at Sauk Valley)

Highly recommended courses

- ✓ AGR 201, Plant Science
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ **Language Other than English requirement (See page 2)**

* CIS 208 at Sauk Valley has a pre-requisite requirement of CIS 207.

Crop Sciences

with concentrations in:

Agroecology

Biological Science

Crop Agribusiness

Crops

Horticultural Food Systems

Plant Biotechnology and Molecular Biology

Plant Protection

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105, General Chemistry I
- ✓ MAT 121 College Algebra or higher

Highly recommended courses

- ✓ AGR 201, Plant Science
- ✓ CHE 106 General Chemistry II
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I ***and*** ENG 103, Composition II
- ✓ MAT 203, Calculus & Analytical Geometry I ***or*** MAT 221, Calculus for Business & Social Science
- ✓ **Language Other than English requirement**

Engineering Technology & Management for Agricultural Systems

with concentrations in:

Agricultural Production & Processing
Construction Management
Digital & Precision Agriculture
Energy & the Environment

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105, General Chemistry I **or** PHY 201 General Physics I
- ✓ MAT 203, Calculus & Analytical Geometry I **or** MAT 221, Calculus for Business & Social Science

Highly recommended courses

- ✓ ACC 101 Financial Accounting
- ✓ AGR 102 Intro to Agricultural Econ **or** ECO 212 Principles of Microeconomics
- ✓ CIS 150 Fund Bus Computer Programming
- ✓ COM 131, Introduction to Oral Communication
- ✓ AGR 130 Intro to Ag Mechanics
- ✓ PHY 202 General Physics II **or** CHE 106 General Chemistry II
- ✓ ENG 101 Composition I **and** ENG 103 Composition II
- ✓ **Language Other than English requirement**

Food Science and Human Nutrition

with concentrations in:

Food Science

Dietetics

Human Nutrition

Hospitality Management

Dietetics and Human Nutrition

The minimum GPA for admission consideration is a 3.00.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105, General Chemistry I
- ✓ CHE 106, General Chemistry II
- ✓ MAT 203, Analytic Geometry & Calculus I **or** MAT 221, Calculus for Business & Social Science

Highly recommended courses

- ✓ COM 131, Introduction to Oral Communication
- ✓ BIO 109, Human Anatomy and Physiology I
- ✓ BIO 110, Human Anatomy and Physiology II
- ✓ BIO 111, Introductory Microbiology
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ MAT 240, Elementary Statistics
- ✓ **Language Other than English Requirement**

Hospitality Management

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 103, Introduction to Chemistry
- ✓ MAT 203, Analytic Geometry & Calculus I **or** MAT 221, Calculus for Business & Social Science

Highly recommended courses

- ✓ ACC 101, Financial Accounting
- ✓ AGR 102, Introduction to Agricultural Economics **or** ECO 212, Problems of Economics
- ✓ BIO 111, Introductory Microbiology – Highly Recommended
- ✓ CIS 109, Introduction to Microcomputer Windows
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ MAT 240, Elementary Statistics
- ✓ PSY 103, Introduction to Psychology
- ✓ **Language Other than English Requirement**

Food Science

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105, General Chemistry I
- ✓ CHE 106, General Chemistry II
- ✓ CHE 201 Organic Chemistry I
- ✓ CHE 202 Organic Chemistry II
- ✓ BIO 111, Introductory Microbiology
- ✓ PHY 201 General Physics I
- ✓ MAT 240 Statistics
- ✓ MAT 203, Analytic Geometry & Calculus I

Highly recommended courses

- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I ***and*** ENG 103, Composition II
- ✓ **Language Other than English Requirement**

Human Development and Family Studies

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ MAT 240, Elementary Statistics
- ✓ PSY 103, Introduction to Psychology

Highly recommended courses

- ✓ CIS 109, Introduction to Microcomputer Windows
- ✓ COM 131, Introduction to Oral Communication
- ✓ ENG 101, Composition I ***and*** ENG 103, Composition II
- ✓ PSY 200, Human Growth and Development – **strongly recommended**
- ✓ SOC 111, Introduction to Sociology
- ✓ **Language Other than English Requirement**

Metropolitan Food and Environmental Systems

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ MAT 240 Statistics
- ✓ MAT 203, Calculus & Analytical Geometry I **or** MAT 221, Calculus for Business & Social Science
- ✓ CHE 105 General Chemistry I
- ✓ CHE 106 General Chemistry II
- ✓ AGR 102 Intro to Agricultural Econ or ECO 212 Principles of Microeconomics
- ✓ Two courses in political science, government, policy, psychology, or sociology

Highly recommended courses

- ✓ Courses in the following areas: Environmental Sciences, Human Nutrition, Plant Biology, Horticulture, Technology
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ Six hours of Humanities coursework*
- ✓ Western Cultural Studies course*
- ✓ **Language Other than English Requirement**

For information about general education requirements, please refer to:

<https://courses.illinois.edu/gened>

Natural Resources and Environmental Sciences

with concentrations in:

Fish, Wildlife and Conservation Biology
Environmental Science and Management
Human Dimensions of the Environment
Ecosystem Stewardship and Restoration Ecology

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ CHE 105, General Chemistry I
- ✓ MAT 203, Calculus & Analytical Geometry I **or** MAT 221, Calculus for Business & Social Science

Highly recommended courses

- ✓ AGR 102, Introduction to Agricultural Economics **or** ECO 212, Problems of Economics
- ✓ AGR 109 Soil Science
- ✓ BIO 111, Introductory Microbiology **or** PHY 201, General Physics I
- ✓ BIO 123, Introduction to Botany – **Strongly Recommended**
- ✓ COM 131, Introduction to Oral Communication
- ✓ CHE 106, General Chemistry II – **Strongly Recommended**
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ MAT 240, Elementary Statistics
- ✓ **Language Other than English Requirement**

Plant Biotechnology

The minimum GPA for admission consideration is 2.50.

Admission requirements for junior transfer (60 or more transferable hours)

- ✓ MAT 121 College Algebra or higher
- ✓ CHE 105, General Chemistry I

Highly recommended courses

- ✓ CHE 106 General Chemistry II
- ✓ COM 131, Introduction to Oral Communication
- ✓ AGR 201 Plant Science
- ✓ MAT 203 Calculus I **or** MAT 221 Calculus for Business
- ✓ ENG 101, Composition I **and** ENG 103, Composition II
- ✓ **Language Other than English Requirement**

Technical Systems Management

Please refer to the page on Engineering Technology & Management for Agricultural Systems

