

# Curriculum Guide

## Transfer Program between Carl Sandburg College and the 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 Carl Sandburg 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
- Animal Sciences
- Computer Science and Crop Sciences
- Crop Sciences
- Food Science and Human Nutrition
- Human Development and Family Studies
- Natural Resources and Environmental Sciences
- Technical Systems Management

Descriptions of each of these majors and their concentrations may be found at [www.aces.illinois.edu](http://www.aces.illinois.edu). Specific recommendations for Carl Sandburg 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](http://www.transferology.com) in conjunction with the University of Illinois General Education course listing [courses.illinois.edu](http://courses.illinois.edu) or contact the ACES Academic Programs Office (contact info below).

Students completing the prescribed course sequences at Carl Sandburg College, meeting the stated GPA requirement, and submission of a full application with supporting documentation, will be admitted to the College of Agricultural, Consumer and Environmental Sciences (ACES) at the University of Illinois. Acceptance into a specific major and concentration will be based on the individual student's meeting of the requirements, conditions and considerations listed for that program, including space in that major or concentration.

## **Application Availability and Grade Point Average Requirements**

**Applications for fall semester** entry may be submitted for all majors and concentrations, with a deadline of March 1. Due to space restrictions in some majors, students are encouraged to apply by February 1.

**Applications for spring semester** should be submitted by October 15.

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 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. Effective fall 2011, there is no longer a language requirement for transfer admission. 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.

### **Contact information:**

Academic Programs

College of Agricultural, Consumer and Environmental Sciences,

128 Mumford Hall

1301 W. Gregory Drive, Urbana, IL 61801

**Phone:** 217-333-3380; **Fax:** 217-244-6537

## **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

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**The minimum GPA for application to all programs in the Department 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, Principles of Financial Accounting
- ECO 201, Principles of Macro Economics
- ECO 202, Principles of Micro Economics **or** AGR 141, Introduction to Agricultural Economics
- MAT 135, Calculus for Business or Social Science **or** MAT 240, Calculus with Analytic Geometry 1
- MAT 131, Finite Mathematics **or** MAT 241, Calculus with Analytic Geometry 2

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

- ACC 102, Principles of Managerial Accounting

### **Highly recommended courses**

- ENG 101, Freshmen Composition 1 **and** ENG 102, Freshmen Composition 2
- ICT 110, Computer Software Applications **or** ICT 131, Fundamentals of Programming
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

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

## **Agricultural Leadership, Education, and Communication**

*with concentrations in:*

Agricultural Communication – Advertising

Agricultural Communication – Journalism

Agricultural Education

Organizational & Community Leadership

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**The minimum GPA for admission consideration is 2.50.**

### **Agricultural Communication (Advertising and Journalism) Organizational & Community Leadership**

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

- ENG 101, Freshmen Composition 1 **and** ENG 102, Freshmen Composition 2

#### **Highly Recommended Courses**

- AGR 131, Introductory Crop Science **or** NUT 110, Nutrition **or** BIO103, General Botany
- CHM 120, General Chemistry 2 or PHY 151, General Physics 1
- MAT 210, Statistics – ***Highly Recommended***
- POS 122, American Government and Politics **or** ECO 202, Principles of Micro Economics **or** AGR 141, Introduction to Agricultural Economics
- PSY 101, Introduction to Psychology
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

### **Agricultural Education\***

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

- ENG 101, Freshmen Composition 1 **and** ENG 102, Freshmen Composition 2

#### **Highly recommended courses**

- AGR 111, Introduction to Agriculture Mechanization
- AGR 121, Introductory Animal Science
- AGR 131, Introductory Crop Science
- AGR 141, Introduction to Agricultural Economics **or** ECO 202, Principles of Micro Economics
- AGR 181, Introductory Horticulture Science
- MAT 131, Finite Mathematics **or** MAT 135, Calculus for Business or Social Science **or** MAT 240, Calculus with Analytic Geometry 1 – ***Highly Recommended***
- MAT 210, Statistics
- PSY 101, Introduction to Psychology
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

\*Prior to proceeding to student teaching/internship in an Illinois Educator Preparation Program at the University of Illinois at Urbana-Champaign, prospective candidates must take and pass an Illinois approved test of basic skills. Approved tests consist of the Illinois Test of Academic Proficiency (TAP), ACT, or SAT with approved scores.

Previously passed Illinois Test of Basic Skills (096, 300, or 400) may be used to meet this requirement. For details, including minimum ACT/SAT scores, please see:

[http://www.cote.illinois.edu/certification/documents/act\\_procedures\\_for\\_admission.pdf](http://www.cote.illinois.edu/certification/documents/act_procedures_for_admission.pdf)

For further information, please contact The Council on Teacher Education at:

<http://www.cote.illinois.edu/>

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

## **Animal Sciences**

*with concentrations in:*

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

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**The minimum GPA for admission consideration is 2.50.**

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

- CHM 110, General Chemistry 1
- CHM 120, General Chemistry 2
- MAT 135, Calculus for Business or Social Science **or** MAT 240, Calculus with Analytic Geometry 1

### **Highly recommended courses**

- AGR 121, Introduction to Animal Science
- AGR 141, Introduction to Agricultural Economics **or** ECO 202, Principles of Micro Economics
- ENG 101, Freshmen Composition 1 **and** ENG 102, Freshmen Composition 2
- MAT 210, Statistics
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

## **Pre-Veterinary Course Recommendations**

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**The recommended minimum GPA is 3.0 for students interested in going onto veterinary school after earning a bachelor's degree in Animal Science.**

Recommended Courses (in addition to the courses above)

- PHY 151, General Physics 1
- PHY 152, General Physics 2
- CHM 210, Organic Chemistry 1
- BIO 101, General Biology OR BIO 102, General Zoology

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

## Computer Science and Crop Sciences

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The minimum GPA for admission consideration is 3.50.

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

- MAT 240, Calculus with Analytic Geometry 1
- MAT 241, Calculus with Analytic Geometry 2

### **Highly recommended courses**

- AGR 131, Introduction to Crop Sciences
- ENG 101, Freshmen Composition 1 ***and*** ENG 102, Freshmen Composition 2
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

*Students interested in transferring into Computer Science + Crop Sciences should plan to spend more than 4 semesters on campus to earn their bachelor's degree in the program.*

## **Crop Sciences**

*with concentrations in:*

Agroecology

Biological Science

Crop Agribusiness

Crops

Horticultural Food Systems

Plant Biotechnology and Molecular Biology

Plant Protection

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**The minimum GPA for admission consideration is 2.50.**

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

- CHM 110, General Chemistry 1
- CHM 120, General Chemistry 2
- MAT 135, Calculus for Business or Social Science **or** MAT 240, Calculus with Analytic Geometry 1

### **Highly recommended courses**

- ACC 101, Principles of Financial Accounting\*
- AGR 131, Introduction to Crop Science
- AGR 141, Introduction to Agricultural Economics **or** ECO 202, Principles of Micro Economics
- AGR 151, Introductory Soil Science\*\*
- CHM 210, Organic Chemistry 1\*\*
- BIO 102, General Zoology\*\*
- BIO 103, General Botany
- ENG 101, Freshmen Composition 1 **and** ENG 102, Freshmen Composition 2
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

\*Only suggested for Crops Agribusiness

\*\* Courses are recommended depending on the concentration within the crop science major. More information can be found at the following website:

<http://catalog.illinois.edu/undergraduate/aces/crops-sciences-bs/>

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



## Food Science and Human Nutrition

*with concentrations in:*

Dietetics  
Human Nutrition  
Food Science  
Hospitality Management

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### Dietetics & Human Nutrition

**The minimum GPA for admission consideration is a 3.00.**

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

- CHM 110, General Chemistry 1
- CHM 120, General Chemistry 2
- MAT 135, Calculus for Business or Social Science ***or*** MAT 240, Calculus with Analytic Geometry I

#### Highly recommended courses

- BIO 211, Anatomy and Physiology 1
- BIO 212, Anatomy and Physiology 2
- ENG 101, Freshmen Composition 1 ***and*** ENG 102, Freshmen Composition 2
- MAT 210, Statistics
- SPE 120, Introduction to Public Speaking
- 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)

- CHM 100, Concepts of Chemistry
- MAT 135, Calculus for Business or Social Science ***or*** MAT 240, Calculus with Analytic Geometry 1

#### Highly recommended courses

- ACC 101, Principles of Financial Accounting
- AGR 141, Introduction to Agricultural Economics ***or*** ECO 202, Principles of Micro Economics
- ENG 101, Freshmen Composition 1 ***and*** ENG 102, Freshmen Composition 2
- MAT 210, Statistics
- NUT 110, Nutrition
- PSY 101, Introduction to Psychology
- SPE 120, Introduction to Public Speaking
- SOC 101, Introduction to Sociology
- 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)

- CHM 110, General Chemistry 1
- CHM 120, General Chemistry 2
- MAT 240, Calculus with Analytic Geometry 1

### Highly recommended courses

- ENG 101, Freshmen Composition 1 ***and*** ENG 102, Freshmen Composition 2
- MAT 210, Statistics
- NUT 110, Nutrition
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

*Application to Food Science, Dietetic and Hospitality Management major at the **Sophomore-level** is highly recommended due to sequential courses. Those who enter at the **Junior-level** may require 5 semesters total on campus to complete their degree requirements.*

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

# Human Development and Family Studies

*with concentrations in:*  
Child and Adolescent Development  
Family Studies

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**The minimum GPA for admission consideration is 2.50.**

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

- PSY 101, Introduction to Psychology
- MAT 210, Statistics

## **Highly recommended courses**

- AGR 141, Introduction to Agricultural Economics ***or*** ECO 201, Principles of Macro Economics ***or*** ECO 202, Principles of Micro Economics
- ENG 101, Freshmen Composition 1 ***and*** ENG 102, Freshmen Composition 2
- NUT 110, Nutrition
- SOC 101, Introduction to Sociology
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

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

## Natural Resources and Environmental Sciences

*with concentrations in:*

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

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**The minimum GPA for admission consideration is 2.50.**

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

- CHM 110, General Chemistry 1
- MAT 135, Calculus for Business or Social Science **or** MAT 240, Calculus with Analytic Geometry 1

### **Highly recommended courses**

- General Chemistry II equivalent
- AGR 141, Introduction to Agricultural Economics **or** ECO 202, Principles of Micro Economics
- AGR 151, Introductory Soil Science
- BIO 102, General Zoology **or** BIO 101, General Biology
- BIO 103, General Botany
- ENG 101, Freshmen Composition 1 **and** ENG 102, Freshmen Composition 2
- ESC 100, Introduction to Earth Science **or** PHY 151, General Physics 1
- MAT 210, Statistics
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

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

## Technical Systems Management

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The minimum GPA for admission consideration is 2.50.

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

- MAT 135, Calculus for Business or Social Science or MAT 240, Calculus with Analytic Geometry I
- CHM 110, General Chemistry 1 and/or PHY 151, General Physics 1

### Highly recommended courses

- ACC 101, Principles of Financial Accounting
- AGR 111, Introductory Agricultural Mechanization
- AGR 141, Introduction to Agricultural Economics or ECO 202, Principles of Micro Economics
- AGR 151, Introduction to Soil Science
- ECO 201, Principles of Macro Economics
- ENG 101, Freshmen Composition 1 and ENG 102, Freshmen Composition 2
- CHM 110, General Chemistry 1
- CHM 120, General Chemistry 2 or PHY 152, General Physics 2
- MAT 210, Statistics
- PHY 151, General Physics 1
- SPE 120, Introduction to Public Speaking
- Language Other than English Requirement**

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

## Key to Articulations

Carl Sandburg College	University of Illinois – Urbana Champaign
ACC 101, Principles of Financial Accounting	ACCY 1--
ACC 102, Principles of Managerial Accounting	ACCY 1-- With ACC 101 = ACCY 201 and 202
AGR 111, Introduction to Agricultural Mechanization	TSM 100, Introductory Agriculture Mechanization
AGR 121, Introduction to Animal Science	ANSC 100, Introduction to Animal Science
AGR 131, Introduction to Crop Science	CPSC 112, Introduction to Crop Science
AGR 141, Introduction to Agricultural Economics	ACE 100, Agricultural and Consumer Economics
AGR 151, Introduction to Soil Science	NRES 201, Introductory Soils
AGR 181, Introduction to Horticulture Science	HORT 100, Introduction to Horticulture
BIO 101, General Biology	IB 150/151, Organismal and Eval Biology and Lab
BIO 102, General Zoology	IB 104, Animal Biology
BIO 103, General Botany	IB 103, Introduction to Plant Biology
BIO 211, Anatomy & Physiology 1	MCB 2 --, MCB Elective
BIO 212, Anatomy & Physiology 2	MCB 2--, MCB Elective With BIO 211 = MCB 244/245 & MCB 246/247
CHM 110, General Chemistry 1	UPSL 1--
CHM 120, General Chemistry 2	UPSL 1-- With CHM 110= CHEM 102, 103, 104, 105
CHM 210, Organic Chemistry 1	CHEM 232/233, Elementary Organic Chem and Lab
ECO 201, Principles of Macro Economics	ECON 103, Macroeconomic Principles
ECO 202, Principles of Micro Economics	ECON 102, Microeconomic Principles
ENG 101, Freshmen Composition 1	UCI 1--, Part 1 of Composition Requirement
ENG 102, Freshmen Composition 2	UCII 1--, Part 2 of Composition Requirement With ENG 101 = RHET 105
ICT 110, Computer Software Application	ACE 161, Microcomputer Applications
ICT 131, Fundamentals of Programming	CS 105, Intro to Computing: Non-Tech
MAT 131, Finite Mathematics	MATH 124, Finite Mathematics
MAT 135, Calculus for Business or Social Science	MATH 234, Calculus for Business I

MAT 240, Calculus with Analytic Geometry I	MATH 220, Calculus I
MAT 241, Calculus with Analytic Geometry II	MATH 231, Calculus II
MAT 210, Statistics	STAT 100, Statistics
NUT 110, Nutrition	FSHN 120, Contemporary Nutrition
PHY 151, General Physics 1	PHYS 101, College Physics: Mech & Heat
PHY 152, General Physics 2	PHYS 102, College Physics: E&M & Modern
POS 122, American Government and Politics	PS 101, Political Science
PSY 101, Introduction to Psychology	PSYC 100, Introduction to Psychology
SOC 101, Introduction to Sociology	SOC 100, Introduction to Sociology
SPE 120, Introduction to Public Speaking	CMN 101, Public Speaking