

The agriculture degree will prepare students to transfer to a four-year institution and ultimately earn a bachelor's degree in agriculture. The study of crops and soils provides opportunities for careers in crop production, crop protection, crop agribusiness management and merchandising, soil conservation, ecology and management.

The study of agricultural mechanization provides career opportunities involving the application, service, management and marketing of agricultural engineering technologies.

Completing the following courses will permit students to begin college at one Illinois school and later transfer to another. Remember to consult with your academic advisor early and often!

Note: All agriculture majors need to be computer literate. You must be able to negotiate an operating system such as OS/2, DOS, or Windows; access the Internet; and use word processing, database and spreadsheet software.

Effective Fall of 2016, the associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM related majors. As a result, A.S. degree does not include the entire General Education Core Curriculum. **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

### **Work and Employment**

According to the U.S. Department of Agriculture, more than 48,000 agricultural-related jobs are available each year in agriculture and more than 300 agricultural careers are available globally.

**Students who have already chosen the university to which they plan to transfer should consult that institution's catalog and an SVCC academic advisor in planning their program.**

Agriculture - Crop and Soil Science, Mechanization - IAI Recommended Baccalaureate Curriculum

### **Program Contacts at Sauk Valley Community College**

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- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

## **Total Hours Required - 64-66 Hours**

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### **Suggested Program**

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#### **First Semester - 16-17 Hours**

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- AGR 201 - Plant Science (4 Semester Hours)
- CHE 105 - General Chemistry I (5 Semester Hours)
- ENG 101 - Composition I (3 Semester Hours)
- FYE 101 - First Year Experience (1 Semester Hours)
- MAT 203 - Calculus & Analytic Geometry I (4 Semester Hours)

**OR**

MAT 220 - Finite Mathematics (3 Semester Hours)

**OR**

MAT 221 - Calc for Bus & Soc Science (4 Semester Hours)

#### **Second Semester - 18 Hours**

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- Humanities 3 Semester hour(s)
- AGR 109 - Soil Science (4 Semester Hours)
- CHE 106 - General Chemistry II (5 Semester Hours)
- ENG 103 - Composition II (3 Semester Hours)

- MAT 240 - Elementary Statistics (3 Semester Hours)

### **Third Semester - 14 Hours**

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- Social Science 3 Semester hour(s)
- CIS 109 - Introduction to Computers (3 Semester Hours)
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- BIO 105 - Principles of Biology (5 Semester Hours)
- COM 131 - Intro to Oral Communication (3 Semester Hours)

### **Fourth Semester - 16-17 Hours**

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- AGR electives or additional General Education courses 6-7 Semester hour(s)
- Fine Arts 3 Semester hour(s)
- AGR elective 4 semester hours (AGR 130)
- Social Science 3 Semester hour(s)