



Southern Illinois University

[The School of Agricultural Sciences](https://soas.siu.edu/) <https://soas.siu.edu/>

This guide includes transfer plans for the following SIUC majors

ABE – Agribusiness Economics
AGSE – General Agriculture
AGSE – Agricultural Communications
AGSE – Agricultural Education
AGSE – Agricultural Production Management
AGSE – Agricultural Systems Technology Management
AGSE – Food & Process Engineering Technology
ANS – Animal Science Production
ANS – Equine Science
ANS – Pre-Veterinary
CSEM Crop Production & Management (general) and (science emphasis)
CSEM Soil Science (general) and (science emphasis)
Forestry – Wildlife Habitat Management & Conservation – see separate transfer plan in BHC’s Transfer Finder

The SIUC School of Agricultural Sciences is where science and technology, business and farm management, education and production, public policy and public health, conservation, and resource management converge. Our students become leaders by learning from leaders. Truly a school that knows no bounds, our classrooms include 2,000 acres of **University Farms** featuring crop and animal production, an **Equine Center** and greenhouses; **Research Centers**; the vast resources of the **Shawnee National Forest**; and access to specialized farming including Southern Illinois’ wine and fruit country.

The school offers a full complement of programs and is recognized as a top teaching and research institution. Faculty, staff, and students are committed to excellence in academics, research and outreach programs that have a significant impact on the future of agriculture and agriculture-related issues.

We are a nationally ranked research university offering students a high-quality, affordable education to take them where they want to go in life.

Contact: **School of Agricultural Sciences**
1205 Lincoln Drive Mail Code 4417
Carbondale, Illinois 62901
Phone: [\(618\) 453-2329](tel:6184532329)
Email: collagri@siu.edu



Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

Residence Requirements. Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

Grade Point Average Requirements. Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Black Hawk College Associate Degree Requirements [See the BHC catalog for all requirements](#)

Each candidate for an associate's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 60 semester hrs of credit. Some AAS degrees may require additional hrs of credit.

Residence Requirements. For an AA or AS degree, student must take a total of 24 semester hrs at BHC. For an AAS degree, student must take 20% of the AAS's total credits at BHC.

Grade Point Average Requirements. Student must have a C average for all work taken at BHC. English Comp I and II taken at BHC or transferred to BHC must have a grade of 'C' or better.

Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways

[Saluki Transfer Pathways](#) is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college, [must attend an eligible community college](#), and [must select a participating SIU major](#). Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in [Salukinet](#).

Saluki Transfer Estimator Portal (STEP)

The [Saluki Transfer Estimator Portal](#) (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.



TRANSFER GUIDE

AS General transferring into BS Agribusiness Economics

Black Hawk College Courses			
AS General – 63 hours			
SPEC 101-3	Prin of Speech Communication	Elective-3	IAI GECC Fine Arts*
ENG 101-3	Composition I	CHEM 101-4	General Chemistry I
ENG 102-3	Composition II	AG 100-1	Intro to Agriculture
MATH 108/110-3	Stats for Gen Ed/Math for Gen Ed	ACCT 101,103-4	Financial Accounting w/Lab
MATH 112-4	College Algebra	ACCT 102,104-4	Managerial Accounting w/Lab
ECON 221-3	Principles of Macroeconomics	AG 281-4	Agricultural Economics
ECON 222-3	Principles of Microeconomics	CHEM 102-4	General Chemistry II
Elective-3	IAI GECC Humanities*	CS 100-3	Intro to Computers
Elective-3	IAI GECC Social & Behavioral Sciences*	Course-4	Ag Elective: AG 282, 283 or 285
BIOL 100-4	Intro to Biology		
Southern Illinois University Carbondale Courses			
BS Agribusiness Economics (ABE) –57 hours			
ABE Core-16	ABE 318; 340, 350, 360 or 419; 351; 361 or 362 or 363; 381; 401, 442, 444, 445, 450 or 452	Communication Requirement-6	CMST 221 261, 262, 280 or 281; ENGL 290 or 291; MGMT 202, BSAN 406
ABE Electives-15	300/400 level; 6 at 400 level	Electives -20	11 hours at 300/400 level
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 1/22/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Questions? Contact Us!

Black Hawk College
 East Campus Advising
 P: 309-854-1709
 E: advqc@bhc.edu

Drew Cotton, Professor
 P: 309-854-1842
 E: cottond@bhc.edu

Southern Illinois University Carbondale
 Dwight Sanders
 Agribusiness Economics
 P: 618-453-1711
 E: [dwights@siu.edu](mailto:dwrights@siu.edu)

Salary Range: \$35,000-\$70,000

Possible Careers: Commodity Trader
 Farm Manager
 Consultant
 Credit Analyst



TRANSFER GUIDE

AS General transferring into BS (AGSE) General Agriculture

Black Hawk College Courses			
AS General – 64 hours			
SPEC 101-3	Prin of Speech Comm	Elective-3	IAI GECC Fine Arts*
ENG 101-3	Composition I	CHEM 102-4	General Chemistry II
ENG 102-3	Composition II	Elective-3	IAI GECC Social & Behavioral Science*
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
MATH 108/110-3	Stats for Gen Ed/Math for Gen Ed	AG 282-4	Intro to Soil Science
AG 281-4	Agricultural Economics	AG 283-4	Field Crop Science
PSYC 101-3	Intro to Psychology	AG 285-4	Animal Science
Elective-3	IAI GECC Humanities*	Course-4	Ag Elective: AG 280, 288 or other AG course not taken
CHEM 101-4	General Chemistry I	CS 100-3	Intro to Computers
BIOL 100-4	Intro to Biology		
Southern Illinois University Carbondale Courses			
BS Agricultural Systems & Education (AGSE) General Agriculture Specialization – 56 hours			
AGRI 323-2	Career Development in Agriculture	ABE Elective-3	
AGSE 170-4	Intro Physical Principles in Ag	ANS Elective-3	
AGSE 314-3	Ag Information Systems	Choose a minor-15	ABE, AGRI, AGSE, ANS, CSEM, HORT, HND, HTEM, or FOR
AGSE 371-4	Physics in Agriculture	Gen Electives-19	
AGSE 375-3	Intro to Agricultural Systems		
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 1/30/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Questions? Contact Us!

Black Hawk College
 East Campus Advising
 P: 309-854-1709
 E: advqc@bhc.edu

Drew Cotton, Professor
 P: 309-854-1842
 E: cottond@bhc.edu

Southern Illinois University Carbondale
 Dr. Seb Pense
 Professor & Program Coordinator
 P: 618-453-2467
 E: sebpense@siu.edu

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
 Extension Advisor
 Agronomist
 Agronomy Sales Rep



TRANSFER GUIDE

AS General transferring into BS AGSE Ag Communications Specialization

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Communication	BIOL 100-4	Intro to Biology
ENG 101-3	Composition I	Elective-3	IAI GECC Fine Arts*
ENG 102-3	Composition II	Course-3	IAI GECC Social & Behavioral Sci*
MATH 110/228-3	Math Gen Educ/Prob & Stats	CHEM 102-4	General Chemistry II
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
AG 281-4	Agricultural Economics	AG 282-4	Intro to Soil Science
PSYC 101-3	Intro to Psychology	AG 283-4	Field of Crop Science
Elective-3	IAI GECC Humanities*	AG 285-4	Animal Science
CHEM 101-4	General Chemistry I	CS 100-3	Intro to Computers
Southern Illinois University Carbondale Courses			
BS Agricultural Systems & Education (AGSE) Ag Communications Specialization – 61 hours			
AGSE 170-4	Intro to Physical Principles in Ag	AGRI 323-2	Career Development in Agriculture
AGSE 180-3	Intro to Agricultural Comm	Electives-20	Choose from ABE, AGRI, ANS, CSEM, HORT, HTEM, HND, FOR, MKTG, GEOG, JRNL, RTD, CMST
AGSE 359-4	Intern Program	Electives-25	Choose from CMST, JRNL, MKTG, RTD
AGSE 411-3	SIUC Ag Journal		
Total Hours to Bachelor Degree: 121 Hours Guide created by SIUC effective 9/10/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Questions? Contact Us!

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
Extension Advisor
Agronomist
Agronomy Sales Rep

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale
Dr. Seburn Pense
Professor & Program Coordinator
P: 618-453-2467
E: sebpense@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



TRANSFER GUIDE

AS General transferring into BS (AGSE) Agricultural Education

Black Hawk College Courses			
AS General – 65 hours			
SPEC 101-3	Prin of Speech Communication	Elective-3	Natural Science
ENG 101-3	Composition I	Elective-3	IAI GECC Fine Arts
ENG 102-3	Composition II	Elective-3	IAI GECC Humanities
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
MATH 108/110-3	Stats for Gen Ed/Math for Gen Ed	AG 280-3	Intro to Agri Education
PSYC 101-3	Intro to Psychology	AG 283-4	Field Crop Science
AG 281-4	Agriculture Economics	AG 285-4	Animal Science
HIST 115/116-3	World History to 1500/since 1500*	AG 282-4	Introduction to Soil Science
CHEM 101-4	General Chemistry I	EDUC 202-3	Multicultural & Social Found Education
BIOL 100-4	Intro to Biology	HORT 284-3	Intro Horticultural Science
Southern Illinois University Carbondale Courses			
BS Ag Systems & Education (AGSE) Agricultural Education Specialization–55 hours			
AGSE 170-4	Intro Physical Principles in Ag	EDUC 302-1	Clinical II, Mthds Instruction Practices
AGSE 180-3	Intro to Ag Communications	EDUC 303-1	Clinical III, Adv Instructional Practices
AGSE 311A-3	Ag Education Systems	EDUC 308-3	Chartrstcs & Methds Tch Excptnl Chld
AGSE 311B-3	Ag Education Classroom Methodology	EDUC 313-3	Refl Classroom Plan, Org, & Mgmt
AGSE 314-3	Ag Information Systems	EDUC 319-3	Language, Culture & Learning
AGSE 414-2	Pro & Appl Methods Ag Education	EDUC 360-3	Teach Read Writg Sec Content Areas
AGSE 416-3	Online Instruct Award Program Ag Educ	EDUC 401A-12	Student Teaching
EDUC 214-3	Human Development & Learning	FOR 100-1	Intro to Forestry
EDUC 301-1	Clinical I, Refl Instruction Practices	HORT 423-3	Greenhouse Management
Total Hours to Bachelor Degree: 120 Hours		Guide updated 12/18/2023	

*Fulfills BHC's Non-Western Studies Requirement

Questions? Contact Us!

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
Extension Advisor
Agronomist
Agronomy Sales Rep

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale
Dr. Seburn Pense
Professor & Program Coordinator
P: 618-453-2467
E: sebpense@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



TRANSFER GUIDE

AS General transferring into BS (AGSE) Agricultural Production Management

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Comm	BIOL 100-4	Intro to Biology
ENG 101-3	Composition I	Elective-3	IAI GECC Fine Arts*
ENG 102-3	Composition II	BIOL 120-3	Nutrition
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
Elective-3	IAI GECC Mathematics	AG 101-1	Introductory Ag Seminar
AG 281-3	Agricultural Economics	AG 282-4	Intro to Soil Science
Elective-3	IAI GECC Social & Behavioral Sci*	AG 283-4	Field of Crop Science
Elective-3	IAI GECC Social & Behavioral Sci*	AG 285-4	Animal Science
Elective-3	IAI GECC Humanities*	Ag Elective-3	AG 280 or 288
CHEM 110-4	Intro to Chemistry	Elective-1	
Southern Illinois University Carbondale Courses			
BS Agricultural Systems & Education (AGSE) Ag Production Management Specialization – 60 hours			
PLB 200-4	General Plant Biology	AGSE 375-3	Intro to Agricultural Systems
AGSE 318-3	Physics in Agriculture	Hours-15	Select 2 Courses from 3 of the following areas: ABE 350/351 & 1 ABE course 300 level or above; AGSE 372, 463, 472, 473, 476, 483, 488, 495/497; ANS 315 or 331 & 1 class from ANS 409, 430, 465 or 485; CSEM 240 & 300
AGSE 371-4	Physics in Agriculture	Electives-31	20 hours must be at 300/400 level
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 1/30/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Questions? Contact Us!

Black Hawk College
 East Campus Advising
 P: 309-854-1709
 E: advqc@bhc.edu

Drew Cotton, Professor
 P: 309-854-1842
 E: cottond@bhc.edu

Southern Illinois University Carbondale

Dr. Seb Pense
 Professor & Program Coordinator
 P: 618-453-2467
 E: sebpense@siu.edu

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
 Extension Advisor
 Agronomist
 Agronomy Sales Rep



TRANSFER GUIDE

AS General transferring into BS AGSE Ag Systems Technology Management

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Communication	Elective-3	IAI GECC Fine Arts*
ENG 101-3	Composition I	Elective-3	IAI GECC Social & Behavioral Sci*
ENG 102-3	Composition II	Elective-3	Natural Science (see advisor)
MATH 108/110-3	Stats Gen Ed/Math Gen Ed	AG 100-1	Intro to Agriculture
MATH 112-4	College Algebra	AG 282-4	Intro to Soil Science
AG 281-4	Agricultural Economics	AG 283/285-4	Field Crop Science/Animal Science
Elective-3	IAI GECC Social & Behavioral Science*	CS 100-3	Intro to Computers
Elective-3	IAI GECC Humanities*	HORT 284-3	Intro Horticultural Science
CHEM 101-4	General Chemistry I	Electives-2	AG or other electives
BIOL 100-4	Intro to Biology		
Southern Illinois University Carbondale Courses			
BS Agricultural Systems & Education (AGSE) Ag Systems Technology Management Specialization – 60 hours			
PHYS 203A,253A-4	College Physics w/Lab	AGSE Courses-18	Select from: AGSE 372, 463, 472, 473, 476, 483, 488, 495 or ME 102
AGSE 361-3	Intro to Control Programming	Electives-14	300/400 level
AGSE 375-3	Intro to Agricultural Systems	Electives-15	
1 Course-3	AGSE 497 or ABE 360		
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 8/5/2024			

***Select one Non-Western Studies designated course. See advisor for course options.**

Questions? Contact Us!

Black Hawk College
 East Campus Advising
 P: 309-854-1709
 E: advqc@bhc.edu

Drew Cotton, Professor
 P: 309-854-1842
 E: cottond@bhc.edu

Southern Illinois University Carbondale
 Dr. Seburn Pense
 Professor & Program Coordinator
 P: 618-453-2467
 E: sebpense@siu.edu

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
 Extension Advisor
 Agronomist
 Agronomy Sales Rep



TRANSFER GUIDE

AS General transferring into BS (AGSE) Food & Process Engineering Technology

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Communication	CHEM 110-4	Intro to Chemistry
ENG 101-3	Composition I	BIOL 105-5	General Biology I
ENG 102-3	Composition II	Elective-3	IAI GECC Fine Arts*
MATH 112-4	College Algebra	Elective-3	IAI GECC Social & Behavioral Sci*
MATH 116-3	Trigonometry	Elective-3	IAI GECC Mathematics
AG 281-4	Agricultural Economics	BIOL 261-4	Microbiology
Elective-3	IAI Social & Behavioral Sciences*	CS 100-3	Intro to Computers
Elective-3	IAI GECC Humanities*	Electives-9	AG or other electives
Southern Illinois University Carbondale Courses			
BS Ag Systems & Education (AGSE) Food & Process Engineering Technology Specialization – 60 hours			
BIOL 213-4	Intro Organismal Form & Function	ABE 318-3	Ag Statistical Methods
CHEM 140B-4	Chemistry	IMAE 475-3	Quality Control
PHYS 203A,253A-4	College Physics w/Lab	Electives-6	300/400 level
PHYS 203B,253B-4	College Physics w/Lab	Electives-2	
AGSE Courses-30	AGSE 361, 375, 431, 473, 483, 488, 495, 497, FERM 489, ME 102		
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 5/6/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Questions? Contact Us!

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
Extension Advisor
Agronomist
Agronomy Sales Rep

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale
Dr. Seb Pense
Professor & Program Coordinator
P: 618-453-2467
E: sebpense@siu.edu



TRANSFER GUIDE

AS General transferring into BS Animal Science Production

Black Hawk College Courses			
AS General – 61 hours			
SPEC 101-3	Prin of Speech Comm	Elective-3	IAI GECC Fine Arts*
ENG 101-3	Composition I	Elective-3	IAI GECC Mathematics
ENG 102-3	Composition II	CHEM 110-4	Intro to Chemistry
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
AG 281-4	Agricultural Economics (elective)	AG 280/288-3	Ag Education/Ag Developng Countries
Elective-3	IAI GECC Social & Behavioral Sciences*	AG 282-4	Intro to Soil Science
Elective-3	IAI GECC Social & Behavioral Sciences*	AG 283-4	Field Crop Science
Elective-3	IAI GECC Humanities*	AG 285-4	Animal Science
BIOL 105-5	General Biology I	BIOL 190-4	Animal Diversity
Southern Illinois University Carbondale Courses			
BS Animal Science (ANS) Production Specialization – 59 hours			
CHEM 140B-4	Chemistry	ANS 415-4	Advanced Animal Nutrition
ANS 215-2	Intro to Nutrition	ANS 431-4	Reproductive Physiology
ANS 315-3	Feeds & Feeding	2 Courses-8	ANS 409, 430, 465 or 485
ANS 331-4	Growth & Dev Physiology of Animals	CALPS Electives-11	Excluding ANS (4 credits @ 300/400 lvl)
ANS 332-3	Animal Genetics	ANS Courses-9	300/400 level
ANS 337-3	Animal Health	ABE 350/351-3	Farm Mgmt/Fin Mgmt in Ag
ANS 381-1	Animal Science Seminar		
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 8/20/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Salary Range: \$35,000-\$56,000

Possible Careers: Animal Scientist
Farm Manager
Food Technologist
Project Manager
Animal Biotechnologist

Questions? Contact Us!

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale
William Banz
Department Chair
P: 618-453-2329
E: banz@siu.edu



TRANSFER GUIDE

AS General transferring into BS Animal Science Equine Science

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Comm	CHEM 110-4	Intro to Chemistry
ENG 101-3	Composition I	AG 100-1	Intro to Agriculture
ENG 102-3	Composition II	AG 282-4	Intro to Soil Science
MATH 118-5	Precalculus	AG 283-4	Field Crop Science
AG 281-4	Agricultural Economics	AG 285-4	Animal Science
Elective-3	IAI GECC Social & Behavioral Science*	BIOL 190-4	Animal Diversity
Elective-3	IAI GECC Humanities*	Elective-3	IAI GECC Mathematics
BIOL 105-5	General Biology I	Elective-3	IAI GECC Social & Behavioral Science*
Elective-3	IAI GECC Fine Arts*	Elective-1	General Elective
Southern Illinois University Carbondale Courses			
BS Animal Science (ANS) Equine Science Specialization – 60 hours			
CHEM 140B-4	Chemistry	ANS 337-3	Animal Health
ANS 112-2	Intro to Horsemanship	ANS 381-1	Animal Science Seminar
ANS 215-2	Intro to Nutrition	ANS 409-4	Equine Science
ANS 219-4	Introductory Horse Management	ANS 419-4	Stable Management
ANS 309-3	Equine Evaluation & Performance	ANS 431-4	Reproductive Physiology
ANS 314-3	Forages	ANS 490-8	Horse Industry Internship
ANS 315-3	Feeds & Feeding	ABE 350/351-3	Farm Mgmt/Fin Mgmt in Ag
ANS 331-4	Growth & Dev Physiology of Animals	Select credits-4	ANS 112, 212, 312 or 412
ANS 332-3	Animal Genetics	Elective-1	As needed to reach 120 hours
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 6/17/2024			

*Choose one course designated as Non-Western Studies

Questions? Contact Us!

Black Hawk College

East Campus Advising

P: 309-854-1709

E: ADVQC@bhc.edu

Drew Cotton, Professor

P: 309-854-1842

E: cottond@bhc.edu

Southern Illinois University Carbondale

William Banz

Department Chair

P: 618-453-2329

E: banz@siu.edu

Salary Range: \$35,000-\$56,000

Possible Careers: Animal Scientist
Farm Manager
Stable Manager
Horse Trainer
Horse Breeder

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



TRANSFER GUIDE

AS General transferring into BS Animal Science Science & Pre-Veterinary

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Comm	Elective-3	IAI GECC Fine Arts*
ENG 101-3	Composition I	Elective-3	IAI GECC Mathematics
ENG 102-3	Composition II	AG 285-4	Animal Science
MATH 112-4	College Algebra	BIOL 190-4	Animal Diversity
AG 281-4	Agricultural Economics (elective)	CHEM 101-4	General Chemistry I
Elective-3	IAI GECC Social & Behavioral Sci*	CHEM 102-4	General Chemistry II
Elective-3	IAI GECC Social & Behavioral Sci*	MATH 116-3	Trigonometry
Elective-3	IAI GECC Humanities*	AG 100-1	Intro to Agriculture
BIOL 105-5	General Biology I	Elective-3	Select from AG 280, 282, 283, 288
Southern Illinois University Carbondale Courses			
BS Animal Science (ANS) Science & Pre-Veterinary Specialization – 60 hours			
CHEM 340,341-5	Organic Chemistry I w/Lab	ANS 332-3	Animal Genetics
CHEM 350-3	Biological Chemistry	ANS 337-3	Animal Health
MICR 301-4	Principles of Microbiology	ANS 381-1	Animal Science Seminar
PHYS 203A,253A-4	College Physics w/Lab	ANS 431-4	Reproductive Physiology
PHYS 203B,253B-4	College Physics w/Lab	1 Course-4	ANS 409, 430, 465 or 485
ANS 215-2	Intro to Nutrition	ANS Electives-8	300/400 level
ANS 315-3	Feeds & Feeding	CALPS Electives-8	Excluding ANS
ANS 331-4	Growth & Dev Phsl of Animals		
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 5/2/2024			

*Select one Non-Western Studies designated course. See advisor for course options.

Salary Range: \$35,000-\$56,000

Possible Careers: Animal Scientist
Farm Manager
Food Technologist
Project Manager
Animal Biotechnologist

Questions? Contact Us!

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale

William Banz
Department Chair
P: 618-453-2329
E: banz@siu.edu



TRANSFER GUIDE

AS General transferring into BS (CSEM) Crop Production & Mgmt. (General)

Black Hawk College Courses			
AS General – 62 hours			
SPEC 101-3	Prin of Speech Communication	Select 1-3	BIOL 120 or BIOL 250
ENG 101-3	Composition I	Elective-3	IAI GECC Social & Behavioral Sci*
ENG 102-3	Composition II	Elective-3	IAI GECC Mathematics
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
AG 281-4	Agricultural Economics	AG 282-4	Intro to Soil Science
Elective-3	IAI GECC Social & Behavioral Science*	AG 283-4	Field Crop Science
Elective-3	IAI GECC Humanities*	AG 285-4	Animal Science
CHEM 110-4	Intro to Chemistry	Elective-3	Ag Elective
BIOL 211-4	General Botany	CS 100-3	Intro to Computers
Elective-3	IAI GECC Fine Arts*		
Southern Illinois University Carbondale Courses			
BS (CSEM) Crop Production & Management (General) Specialization - 58 hours			
CHEM 140B-4	Chemistry	CSEM 420-4	Crop Pest Control
CSEM 300-4	Field Crop Production	CSEM 447-3	Fertilizers & Soil Fertility
CSEM 305-4	Plant Genetics	CSEM 448-2	Soil Fertility Evaluation
CSEM 381-1	Plant & Soil Science Seminar	CSEM 468-3	Weeds - Their Control
CSEM 401-2	Agricultural Plant Pathology	CSEM Elec-6	300/400 level
CSEM 403A-2	Field Crops Diseases	CALPS Electives-8	300/400 level
CSEM 409-3	Crop Physiology	Gen Electives-12	To reach 120 hours
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 6/18/2024			

***Select 1 Non-Western Studies designated course. Questions? Contact Us!**

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
Extension Advisor
Agronomist
Agronomy Sales Rep

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale
Dr. Karla Gage
Coordinator-CSEM, School of Agricultural Sciences
P: 618-453-7679
E: kgage@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



TRANSFER GUIDE

AS General transferring into BS (CSEM) Crop Production & Mgmt. (Science)

Black Hawk College Courses			
AS General - 60 hours			
SPEC 101-3	Prin of Speech Communication	BIOL 211-4	General Botany
ENG 101-3	Composition I	Elective-3	IAI GECC Fine Arts*
ENG 102-3	Composition II	Elective-3	IAI GECC Social & Behavioral Sciences*
MATH 112-4	College Algebra	CHEM 102-4	General Chemistry II
MATH 116-3	Trigonometry	Elective-3	IAI GECC Social & Behavioral Sciences*
MATH 132-4	Calculus for Bus/Soc Sci	AG 100-1	Intro to Agriculture
AG 281-4	Agricultural Economics (Ag Elective)	AG 282-4	Intro to Soil Science
Elective-3	IAI GECC Humanities*	AG 283-4	Field Crop Science
CHEM 101-4	General Chemistry I	CS 100-3	Intro to Computers
Southern Illinois University Carbondale Courses			
BS (CSEM) Crop Production & Management (Science) Specialization - 65 hours			
CHEM 340,341-5	Organic Chemistry I w/Lab	CSEM 381-1	Plant & Soil Science Seminar
CHEM 350-3	Biological Chemistry	CSEM 401-2	Agricultural Plant Pathology
GEOG 434-3	Water Resources Hydrology	CSEM 403A-2	Field Crops Diseases
PLB 200-4	General Plant Biology	CSEM 409-3	Crop Physiology
PLB 320-4	Plant Physiology	CSEM 420-4	Crop Pest Control
PHYS 203A-3	College Physics	CSEM 447-3	Fertilizers & Soil Fertility
PHYS 203B-3	College Physics	CSEM 448-2	Soil Fertility Evaluation
AGSE 472-3	Precision Agriculture	CSEM 468-3	Weeds - Their Control
CSEM 300-4	Field Crop Production	CSEM Electives-6	300/400 level
CSEM 305-4	Plant Genetics	CALPS Elective-3	300/400 level
Total Hours to Bachelor Degree: 125 Hours Guide created by SIUC effective 8/20/2024			

***Select 1 Non-Western Studies designated course. Questions? Contact Us!**

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
Extension Advisor
Agronomist
Agronomy Sales Rep

Black Hawk College
East Campus Advising
P: 309-854-1709
E: advqc@bhc.edu

Drew Cotton, Professor
P: 309-854-1842
E: cottond@bhc.edu

Southern Illinois University Carbondale
Dr. Karla Gage
Coordinator-CSEM, School of Agricultural Sciences
P: 618-453-7679
E: kgage@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



TRANSFER GUIDE

AS General transferring into BS (CSEM) Soil Science (General) Specialization

Black Hawk College Courses			
AS General – 62 hours			
SPEC 101-3	Prin of Speech Communication	1 Course-3	BIOL 120 or BIOL 250
ENG 101-3	Composition I	Elective-3	IAI GECC Social & Behavioral Science*
ENG 102-3	Composition II	Elective-3	IAI GECC Mathematics
MATH 112-4	College Algebra	AG 100-1	Intro to Agriculture
AG 281-4	Agricultural Economics	AG 282-4	Intro to Soil Science
Elective-3	IAI GECC Social & Behavioral Science*	AG 283-4	Field Crop Science
Elective-3	IAI GECC Humanities*	AG 285-4	Animal Science
CHEM 110-4	Intro to Chemistry	Elective-3	Ag Elective
BIOL 211-4	General Botany	CS 100-3	Intro to Computers
Elective-3	IAI GECC Fine Arts*		
Southern Illinois University Carbondale Courses			
BS (CSEM) Soil Science (General) Specialization-58 hours			
CHEM 140B-4	Chemistry	CSEM 447-3	Fertilizers & Soil Fertility
CSEM 381-1	Plant & Soil Science Seminar	CSEM 448-2	Soil Fertility Evaluation
CSEM 409-3	Crop Physiology	CSEM 454-4	Soil Microbiology
CSEM 441-3	Soil Morphology & Classification	CSEM Electivs-8	300/400 level
CSEM 442-3	Soil Physics	CALPS Elecvs-9	300/400 level
CSEM 443-3	Crop Pest Control	CALPS Electivs-9	
CSEM 446-3	Soil & Water Conservation	Electives-3	
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 6/18/2024			

***Select 1 Non-Western Studies designated course. Questions? Contact Us!**

Black Hawk College
 East Campus Advising
 P: 309-854-1709
 E: advqc@bhc.edu

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
 Extension Advisor
 Agronomist
 Agronomy Sales Rep

Drew Cotton, Professor
 P: 309-854-1842
 E: cottond@bhc.edu

Southern Illinois University Carbondale
 Dr. Karla Gage
 Coordinator-CSEM, School of Agricultural Sciences
 P: 618-453-7679
 E: kgage@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



TRANSFER GUIDE

AS General transferring into BS (CSEM) Soil Science (Science) Specialization

Black Hawk College Courses			
AS General – 60 hours			
SPEC 101-3	Prin of Speech Communication	BIOL 211-4	General Botany
ENG 101-3	Composition I	CHEM 102-4	General Chemistry II
ENG 102-3	Composition II	Elective-3	IAI GECC Fine Arts*
MATH 112-4	College Algebra	Elective-3	IAI GECC Social & Behavioral Sci*
MATH 116-3	Trigonometry	Elective-3	IAI GECC Social & Behavioral Sci*
MATH 132-4	Calculus for Bus/Soc Sci	AG 100-1	Intro to Agriculture
AG 281-4	Agricultural Economics	AG 282-4	Intro to Soil Science
Elective-3	IAI GECC Humanities*	AG 283-4	Field Crop Science
CHEM 101-4	General Chemistry I	CS 100-3	Intro to Computers
Southern Illinois University Carbondale Courses			
BS (CSEM) Soil Science (Science) Specialization - 60 hours			
CSEM 381-1	Plant & Soil Science Seminar	AGSE 472-3	Precision Agriculture
CSEM 409-3	Crop Physiology	CHEM 340,341-5	Organic Chemistry I w/Lab
CSEM 441-3	Soil Morphology & Classification	CHEM 350-3	Biological Chemistry
CSEM 442-3	Soil Physics	GEOG 434-3	Water Resources Hydrology
CSEM 443-3	Soil Management	PHYS 203A-3	College Physics
CSEM 446-3	Soil & Water Conservation	PHYS 203B-3	College Physics
CSEM 447-3	Fertilizers & Soil Fertility	PLB 200-4	General Plant Biology
CSEM 448-2	Soil Fertility Evaluation	PLB 320-4	Elements of Plant Physiology
CSEM 454-4	Soil Microbiology	Elective-1	
CSEM Electives-6	300/400 level		
Total Hours to Bachelor Degree: 120 Hours Guide created by SIUC effective 8/20/2024			

***Select 1 Non-Western Studies designated course. Questions? Contact Us!**

Black Hawk College
 East Campus Advising
 P: 309-854-1709
 E: advqc@bhc.edu

Salary Range: \$38,000-\$70,000

Possible Careers: High School Ag Teacher
 Extension Advisor
 Agronomist
 Agronomy Sales Rep

Drew Cotton, Professor
 P: 309-854-1842
 E: cottond@bhc.edu

Southern Illinois University Carbondale
 Dr. Karla Gage
 Coordinator-CSEM, School of Agricultural Sciences
 P: 618-453-7679
 E: kgage@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is attempted to be kept current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.