

AGRICULTURAL LEADERSHIP & SCIENCE EDUCATION: AGRICULTURAL SCIENCE EDUCATION, BS

for the degree of Bachelor of Science Major in Agricultural Leadership & Science Education, Agricultural Science Education concentration

No Longer Accepting Applications - Fall 2019

The Bachelor of Science with a Major in Agricultural Leadership & Science Education curriculum prepares students for positions requiring expertise in formal and non-formal education. Examples include teaching agriculture in the public schools; cooperative extension work; training and program development; and other education-related positions in agricultural and environmental agencies and businesses.

A minimum of 126 hours is required for graduation. Students pursuing this major select from two concentrations: agricultural leadership education or agricultural science education. Students completing the agricultural science education concentration will be eligible for Illinois teacher certification in agricultural education, and will have instruction in key pedagogical areas as well as agriculture. For teacher education requirements applicable to all curricula, see the Council on Teacher Education (www.cote.illinois.edu/ (<http://www.cote.illinois.edu/>)).

The Agricultural Science Education concentration prepares students to teach agricultural science, agribusiness, agricultural mechanics and horticulture in Illinois high schools. State of Illinois certification requirements include a minimum of 2,000 hours of employment experience in agriculture. Teacher certification students must maintain a 2.5 GPA or above to remain in good standing. Review procedures are provided by the Council on Teacher Education.

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Prescribed Courses including Campus General Education

Code	Title	Hours
Composition I and Speech		
Select one of the following:		6-7
RHET 105 & CMN 101	Writing and Research and Public Speaking (or equivalent (see college Composition I requirement))	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
Advanced Composition		
Select from campus approved list. AGED 230 is recommended.		3-4
Cultural Studies		
Select one Western cultures course, one non-Western cultures course and one U.S. minority cultures course from campus approved lists.		9
Quantitative Reasoning I		
Select one of the following:		3-5
MATH 124	Finite Mathematics	
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
Quantitative Reasoning II		
Select one of the following:		3-4
ACE 261		
CPSC 241	Intro to Applied Statistics	
ECON 202	Economic Statistics I	
PSYC 235	Intro to Statistics	
SOC 280	Intro to Social Statistics	
STAT 100	Statistics	
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4

Physical science - select from campus approved list.		3-4
CPSC 112	Introduction to Crop Sciences	4
Humanities and the Arts		
Select from campus approved list.		6
Social and Behavioral Sciences		
ACE 100	Introduction to Applied Microeconomics	4
PSYC 100	Intro Psych	4
ACES Required		
ACES 101	Contemporary Issues in ACES	2
Agricultural Leadership and Science Education Required		
AGED 100	Intro to Ag & Leadership Ed ¹	2
AGED 220	Prog Del in Ag & Leadership Ed	3
AGED 230		3
AGED 421	Teaching Strategies in AGED	3
Required Concentration		42-55
Total Hours		126

¹ *Not required for transfer students.*

Code	Title	Hours
Agricultural Science Education Concentration Required		53-55
AGED 250	Observation and Program Analysis ²	4
AGED 350	Early Field Experience	3
AGED 420	Curr Design & Instruction	3
AGED 450	Program Delivery and Eval	4
CI 473	Disciplinary Literacy	3
EPS 201	Foundations of Education	3-4
or EPS 202	Foundations of Education-ACP	
EPSY 201	Educational Psychology	3
SPED 405	General Educator's Role in Special Education	3
EDPR 442	Educational Practice in Secondary Education	8
Technical Subject Matter Required		
ANSC 100	Intro to Animal Sciences	4
ACE 232	Farm Management	3
HORT 100	Introduction to Horticulture	3
FSHN 101	The Science of Food and How it Relates to You	3
TSM 100		3
Select one of the following:		3
AGED 260		
AGED 280		
AGED 340		
AGED 360	Advanced Leadership Studies	
AGED 380		
AGED 400		
AGED 430	Youth Development Programs	
AGED 490	Adult Learning Principles	

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Agricultural Leadership, Education, & Communications

Agricultural Leadership, Education, & Communications Website (<https://alec.illinois.edu/>)

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Admissions
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