

# Illinois State Board of Education - CAREER PATHWAYS IN AGRICULTURAL EDUCATION

## Currently Approved Programs/Courses

01.0000	01.0101	01.0201	01.0601	03.0101
AGRICULTURAL SCIENCE (GENERAL)	AGRICULTURAL BUSINESS & MANAGEMENT	AGRICULTURAL MECHANICS & TECHNOLOGY	HORTICULTURE	NATURAL RESOURCES CONSERVATION MANAGEMENT
<b>Group 1 - Foundational Courses - (9th &amp; 10th Grade)</b>				
Introduction to the Agricultural Industry	Introduction to the Agricultural Industry	Introduction to the Agricultural Industry	Introduction to the Agricultural Industry	Introduction to the Agricultural Industry
Basic Agricultural Science	Basic Agricultural Science	Basic Agricultural Science	Basic Agricultural Science	Basic Agricultural Science
		Basic Agricultural Mechanics	Basic Horticultural Science	Basic Horticulture Science
^Supervised Agricultural Experience I	^Supervised Agricultural Experience I	^Supervised Agricultural Experience I	^Supervised Agricultural Experience I	^Supervised Agricultural Experience I
<b>Group 2 - Skill Courses - (11th &amp; 12th Grade)</b>				
Agricultural Biotechnology	Agricultural Sales and Marketing	Agricultural Construction and Technology	Greenhouse Production & Floral Design	Natural Resources Conservation & Management
Agronomy	Agricultural Business & Management	Agricultural Machinery Service	Horticultural Production & Management	
Animal Science		Agricultural Mechanics & Technology	Landscaping & Turf Management	Environmental Science
Aquacultural Science & Technology		Agricultural Metal & Fabrication		
Biological Science Applications in Agriculture/Plant & Animal Science		Physical Science Applications in Agriculture		
Food Science Technology				
Veterinary Technology				
<b>Group 3 - Additional Program Courses - (11th &amp; 12th Grade)</b>				
Agricultural Communications & Leadership	Agricultural Communications & Leadership	Agricultural Communications & Leadership	Agricultural Communications & Leadership	Agricultural Communications & Leadership
Agricultural Business & Management	Agricultural Mechanics & Technology	Agricultural Business & Management	Agricultural Business & Management	Agricultural Business & Management
Environmental Science	Biological Science Applications in Agriculture/Plant & Animal Science	Biological Science Applications in Agriculture/Plant & Animal Science	Biological Science Applications in Agriculture/Plant & Animal Science	Biological Science Applications in Agriculture/Plant & Animal Science
Physical Science Applications in Agriculture	Physical Science Applications in Agriculture		Physical Science Applications in Agriculture	Physical Science Applications in Agriculture
^Supervised Agricultural Experience II	^Supervised Agricultural Experience II	^Supervised Agricultural Experience II	^Supervised Agricultural Experience II	^Supervised Agricultural Experience II
Cooperative Education	Cooperative Education	Cooperative Education	Cooperative Education	Cooperative Education

^directed independent study (aligns with state course number 18998A002) (see "Agricultural Education Program Approval Criteria")

## AGRICULTURAL EDUCATION PROGRAM APPROVAL CRITERIA

For approval purposes, each program (CIP or pathway) must contain the following:

- Teach at least one course from Group 1.
- Teach at least one course from Group 2.
- All courses offered per program (CIP or pathway) must add to a minimum of 2 credits.
- When students are awarded directed independent study credit for supervised agricultural experience [(SAE) - see ^ on front page] in addition to regular agricultural education courses, the credit may vary from  $\frac{1}{4}$  to 1 credit depending upon the project expectations/requirements.
- Credits for SAE courses do not apply toward meeting the minimum program approval criteria because of their complementary nature. The SAE course cannot be the first introductory course for a beginning student.

The following program approval criteria apply:

- Courses must be taught, not just offered as an option in the district course guide for approval purposes. Courses may be taught on an every other year or similar rotational basis. A minimum of one foundation course credit and one skill course credit must be taught every year for agricultural education program approval.
- Once minimum program approval criteria have been met for a given program sequence, all appropriate courses within the approved sequence are fundable provided the course descriptions have been submitted to the respective EFE system office for entry into the course approval system and matched to the appropriate state approved course.  
*Minimum program approval criteria for an agricultural education program include: an appropriately licensed instructor, at least one approvable program (CIP/pathway) sequence of courses, an active FFA chapter, and SAE instruction incorporated into the program.*
- Prior to a new local agricultural course being offered, contact the FCAE Program Advisor and the local EFE System Director to match the local course to the appropriate state approved course. In the event a local course does not match to the state course, then contact the Agricultural Education Principal Consultant at the Illinois State Board of Education (Harley Hepner, 217-524-4832 or [hhepner@isbe.net](mailto:hhepner@isbe.net)) for further guidance.
- Students are encouraged to explore and complete a program sequence (pathway) as approved. However, students may choose to move through the courses in other than the recommended sequence. This may occur when there are scheduling conflicts or when, because of innovative scheduling, students have the opportunity to take additional courses.