

Status of Wisconsin Agriculture, Food and Natural Resource Education and the Wisconsin Association of FFA



WISCONSIN

ASSOCIATION OF FFA

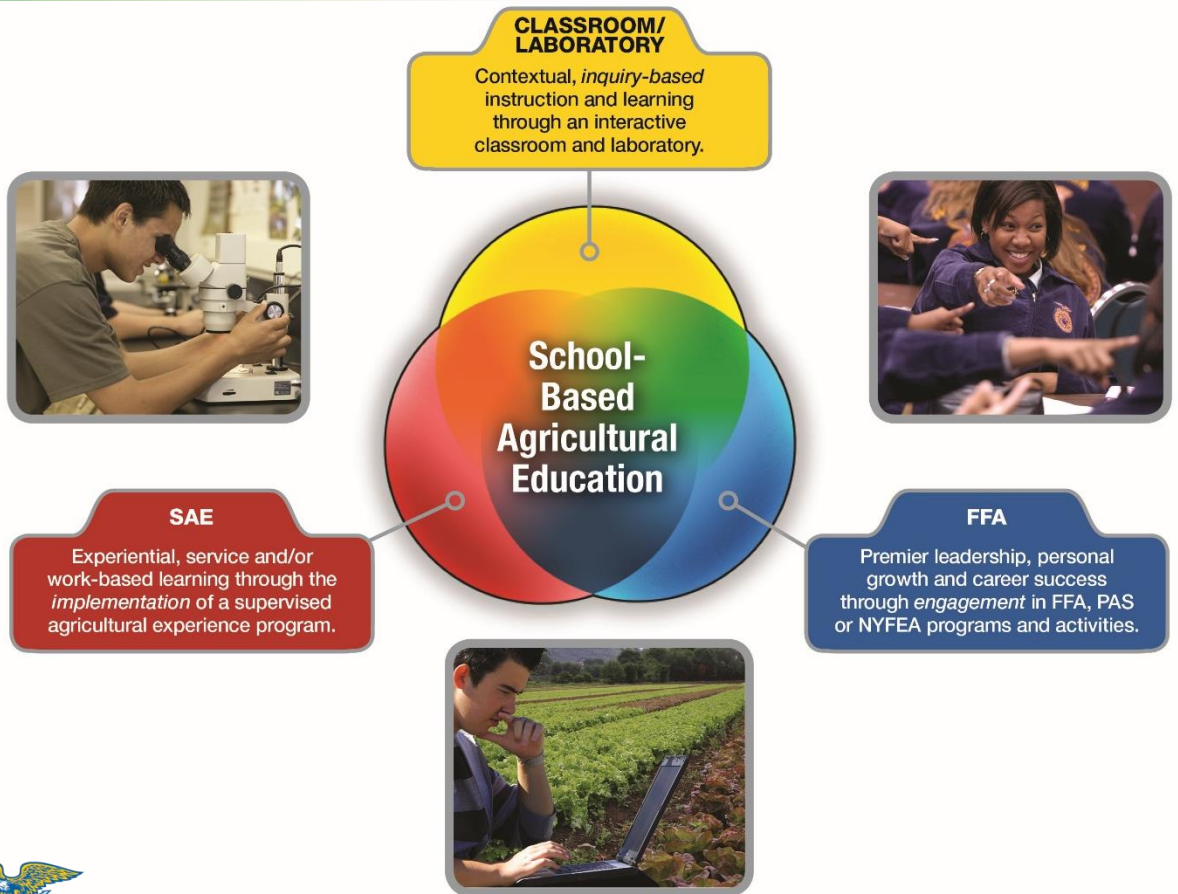


The Mission of Agricultural Education in Wisconsin

Agricultural education prepares students for successful careers and a lifetime of informed choices in the **global agriculture, food, fiber and natural resources systems.**



The Integrated School-based Agricultural Education Model



Outcomes

- ✓ Character
- ✓ Competence
- ✓ Integrity
- ✓ Teamwork
- ✓ Accountability
- ✓ Self-motivated
- ✓ Proven
- ✓ Service-oriented
- ✓ Community-focused
- ✓ Leadership



Work-based Learning in Agriculture Education/FFA

- Supervised Agricultural Experience for All
- Wisconsin Youth Apprenticeship Program
- Dual Credit
- Agriculture/Science Equivalency Credit



SAE for All

Program Structure

Foundational SAE

- Expected of all ag students
- Starts at enrollment
- Continues till graduation
- Activities and projects in five key areas
- Generic to all careers in ag
- Easily graded for all students
- Adaptable for short time students

Immersion SAE

- Enhanced educational experiences
- Based on students career interest
- May not be feasible for short term students
- Supports traditional SAE programs
- Five types or areas
- Provides opportunity for career interest validation



Students enter agricultural education.



Foundational
includes five required and graded components as a part of every course.

Awareness
Grades 6-9

Intermediate
Grades 9-11

Advanced
Grades 11-12

Career Exploration and Planning








Employability Skills for College and Career Readiness

Personal Financial Management and Planning

Workplace Safety

Agricultural Literacy The Agricultural Literacy component of the Foundational SAE may be transitioned to one or more Immersion SAEs.

Five Immersion SAE categories allow students to enrich their experiences across three levels of motivation.

	Graded	Recognition	Career-Ready
 			Placement/Internship
 			Ownership/Entrepreneurship
			Research: Experimental, Analysis or Invention
			School-Based Enterprise
			Service Learning

Wisconsin Youth Apprenticeship Program

- Animals:
 - Animal Basics
 - Large Animal/Herd
 - Small Animal/Vet Assistant
- Power, Structural, and Technical Systems:
 - Agriculture Mechanic Technician
- Plants:
 - Plant Basics
 - Crops
 - Greenhouse/Floral
 - Landscaping
- Environmental Systems:
 - Water Resources



Dual Credit with the Wisconsin Technical College System

- 125 High Schools
- 298 Transcribed Credits
- Transfer into 59 different WTCS courses
- <https://mywtcs.wtcsystem.edu/educational-services/career-prep-dual-enrollment/dual-enrollment/>



Agriculture/Science Equivalent Courses

- Over 500 approved courses by DPI as high school science equivalent credits
- Accepted at UW System institutions as high school science units for admission purposes.

<https://dpi.wi.gov/ag/equivalency>



What is going on in Ag Ed?

- Over 20 changes
- Last 7 years we have had over 260 changes.
- Teacher candidate pipeline-UW-Platteville and UW-River Falls have very good numbers for teacher candidates
- 2 new programs in the last couple of years and 4 school districts looking to start one



Regional Career Pathway

DPI will be looking to start an Agriculture Regional Career Pathway.

<https://dpi.wi.gov/pathways-wisconsin/industry-sectors/stem-energy>

2020 AFNR Pathways		
Pathway Name	Student Count	Student %
Agribusiness Systems	1,855	3.63%
Animal Systems	15,301	29.91%
Biotechnology Systems	411	0.80%
Environmental Service Systems	0	0.00%
Food Products and Processing Systems	2,931	5.73%
Natural Resource Systems	6,383	12.48%
Plant Systems	6,684	13.07%
Power, Structural and Technical Systems	1,934	3.78%
Cluster Skills	0	0.00%
Multiple Pathways	15,653	30.60%
Total	51,152	100.00%



Career and Technical Student Organization (FFA)

- National FFA Membership = 760,113 members
- Chapters nationwide = 8,739
- **Wisconsin FFA Membership = 21,267 members**
 - 41 year high for FFA Membership
- 660 proficiency applications sent into State
- 332 State FFA Degree applications
- 151 American FFA Degree applications
- Over 250 different chapter visits and conferences virtually



Data

FFA Membership

• Male	9,978	47.0%
• Female	11,004	51.7%
• Nondisclosed	285	1.3%

Agriculture Educators

• Male Teachers	126
• Female Teachers	198



Wisconsin Association of FFA Membership by race

American Indian, Alaska Native	134
Asian, Native Hawaiian, Pacific Islander	131
Black, Non-Hispanic	194
Hispanic/Latino of any race	539
White Non-Hispanic	18,961
2 Or more races	191
Non-Disclosed	<u>1117</u>
	21,264



FFA Mission

FFA makes a positive difference in the lives of students by developing their potential for **premier leadership**, **personal growth** and **career success** through Agricultural Education.



A wide-angle photograph of a golden field of grain, likely wheat or corn, stretching to the horizon. The sky is filled with dramatic, dark clouds, with a bright, glowing sun low on the horizon, creating a warm, golden light that illuminates the field and the clouds. The overall mood is serene and agricultural.

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