

Iowa Agricultural Education Local Program Course Organization

	Vocational Education - Agriculture	Science	Combination of Science/Ag Content (i.e., CASE)
Classes required for Offer and Teach	Minimum of 3 sequential units, of which only one may be a core unit.	Minimum of 5 units	Must select Ag or Science for district offer and teach, cannot serve as both
Certification	Agriculture Endorsed Teacher	Science Endorsed Teacher	Endorsed in Science and Ag
Content Specifications	The instruction shall be competency-based; shall provide a base of knowledge which will prepare students for entry level employment, additional on-the-job training, and postsecondary education within their chosen field; shall be articulated with postsecondary programs of study, including apprenticeship programs; shall reinforce basic academic skills; shall include the contributions and perspectives of persons with disabilities, both men and women, and persons from diverse racial and ethnic groups.	Science instruction shall include biological, earth, and physical science, including physics and chemistry. All science instruction shall incorporate hands-on process skills; scientific knowledge; the application of the skills and knowledge to students and society; conservation of natural resources; and environmental awareness.	To be determined, but content must follow credit offering.
State Graduation Requirement	None	3 units	None
Credit Toward Graduation	Elective	Science credit/elective if more than 3 units	Elective/Science Individual students can take the course for science or AG credit, but not both.

¹What can a Teacher certified in Agriculture and/or Science teach per Chapter 12 requirements?

Unit is defined as a course which meets one of the following criteria: it is taught for at least 200 minutes per week for 36 weeks; it is taught for the equivalent of 120 hours of instruction; it requires the demonstration of proficiency of formal competencies associated with the course

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according to the State Guidelines for Competency-Based Education or its successor organization; or it is an equated requirement as a part of an innovative program filed as prescribed in rule 281—12.9(256).

²**Community Colleges** have established common course numbering for CASE Courses and most have/are working through their curriculum committees to get the courses on the books to offer college credit. Please work with your local community college to establish this linkage.

³Specific **SCED course** numbers have been identified by the Board of Regents to count toward the Core Courses when calculating the RAI. The provided SCED numbers are the recommended number that best correspond with each CASE course.

⁴Please visit FFA Board Policy #31 to ensure that FFA membership will be met (<http://www.iowaffa.com/ffaboardpolicies.aspx>)

31. Issue: Planned Course of Study to Initiate/Maintain/ Retain FFA Membership (Adopted: December 2009)

FFA Association Board Policy: All agricultural education students who wish to be FFA members must follow a Planned Course of Study, as defined below.

The Planned Course of Study:

- must include a supervised agricultural experience (SAE) program each year of FFA membership,
- and at least one of the following four agricultural education enrollment options.

Note: Records of the SAE must be initiated and maintained.

To initiate FFA membership:

- To join the local FFA chapter, the student must first be enrolled in an agricultural education course, and have an SAE planned or in operation.

To retain FFA membership upon graduation from high school:

- A member may only retain membership in the FFA chapter of which they were a member their SENIOR year in high school. (Even if their high school FFA chapter is not a reasonable driving distance from the college in which they are a student.)

To maintain FFA membership while in high school:

Students who meet ONE of the following options are eligible to maintain/retain FFA membership. Students are NOT required to meet all of the following options:

Option #1: The student is enrolled in at least one agricultural education course, each year, while in high school. (from the Iowa FFA Constitution)

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Option #2: The student has completed the equivalent of 0.5 units (Carnegie units) of Agricultural Education per year of high school. To use this option, the following unit requirements are shown, by the respective grade-levels.

High School Grade-Level	<u>Completed</u> Carnegie units of Agricultural Education courses
By the end of 9 th grade	0.50 units
By the end of 10 th grade	1.0 units
By the end of 11 th grade	1.5 units
By the end of 12 th grade	2.0 units

Example: If a student completes 2.0 units of agricultural education by the end of their sophomore year, they may retain FFA membership throughout high school.

Option #3: Upon completion of 1.5 units of high school agricultural education courses, the student is then enrolled in an agriculture program of study at an accredited college or university. (If enrollment in the program is discontinued, at any time, this membership option is void.)

Option #4: The student has completed their high school graduation requirements (as of the end of 11th grade), is no longer enrolled in their high school for any other course(s), and is currently enrolled in an agricultural program of study at an accredited college or university.