

AGRISCIENCE 01.0000.00

Program Description, Industry Credentials, Coherent Sequence, and Teacher Certification Requirements

PROGRAM DESCRIPTION

The **AgriScience** program is designed to prepare students for over 300 career pathways by providing them an overview of the fields of agricultural science, animal science, plant science, and soil science; animal husbandry, soil conservation, and agriculture operations such as farming, ranching, agricultural business, and natural resources.

The **AgriScience** program is delivered as a coherent sequence of courses designed to offer students knowledge and skills that meet the needs of the workforce. The knowledge and skills students develop in **AgriScience** are experienced through exciting “hands-on” activities, projects, and problems solving tasks. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community. Students can specifically connect **AgriScience** lessons with the Supervised Agricultural Experiences and FFA components that are important for the development of an informed agricultural education student.

The **AgriScience** instructional program prepares students for entry-level employment, further training, and/or postsecondary education for these and other occupations: Agribusiness Systems, Animal Systems, Biotechnology Systems, Environmental Service Systems, Food Products and Processing Systems, Natural Resources Systems, Plant Systems, Power, Structural and Technical Systems, and Agriculture Education

INDUSTRY CREDENTIALS

Review the [Current CTE Credential List](#) for approved A-F CCR and are CTED eligible for the **AgriScience** instructional programs.

COHERENT SEQUENCE

01.0000.10 - AgriScience I, **and**

01.0000.20 - AgriScience II, **and**

01.0000.25 - AgriScience III, **and program may elect to add:**

01.0000.30 - AgriScience IV, **or**

01.0000.70 - AgriScience – DCE (Diversified Cooperative Education) **or**

01.0000.75 - AgriScience – Internship **or**

01.0000.80 - AgriScience – Cooperative Education

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TEACHER CERTIFICATION REQUIREMENTS

The instructor must be ADE/CTE certified in one of the following Certificates:

SCTA	Standard Career and Technical Education Agriculture
SSCTEA	Standard Specialized Career and Technical Education Agriculture

- Note:
- AgriScience 01.0000.70 (DCE) requires a CTE Teacher to have the Cooperative Education Endorsement (CEN).
 - AgriScience 01.0000.75 (Internship) does not require a CTE Teacher to have a Cooperative Education Endorsement (CEN).
 - AgriScience 01.0000.80 (Cooperative Ed.) requires CTE Teacher to be appropriately certified for the program and to have a Cooperative Education Endorsement (CEN).