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| **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. |
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| 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. |
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| 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 |
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| **INDUSTRY CREDENTIALS** |
| The following credentials have been approved for the A-F CCR and are CTED eligible for the **AgriScience** instructional program:   * American Meat & Science Association Meat Evaluation Certification * American Meat Science Association Food Safety and Science Certification * Arizona Agriculture Skills & Competencies Certificate * Arizona Certified Nursery Professional (ACNP) * BASF Plant Science Certification * Benz School of Floral Design Principles of Floral Design Certification * Certified Veterinary Assistant * Elanco Veterinary Medical Applications Certification * Elanco Fundamentals of Animal Science Certification. * National Coalition of Certification Centers (NC3) – Snap-On – Horticulture * OSHA 10 – Agriculture \*must include extra modules. * OSHA 10 – Construction Industry * OSHA 10 – General * Arizona Landscape Contractor Association (ALCA)   The following industry credentials have been approved to meet CTED eligibility for the **AgriScience** instructional program:   * Agricultural Biotechnology Certification * Agricultural Technician Certification * Animal Care Worker * Worker Protection on Standard Training Handler Verification Card * Youth Quality Care of Animals |
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| **COHERENT SEQUENCE** |
| 01.0000.10 - AgriScience I, **and** |
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| 01.0000.20 - AgriScience II, **and** |
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| 01.0000.25 - AgriScience III, **and program may elect to add:** |
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| 01.0000.30 - AgriScience IV, **or** |
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| 01.0000.70 - AgriScience – DCE (Diversified Cooperative Education) **or** |
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| 01.0000.75 - AgriScience – Internship **or** |
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| 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: | |
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| **SCTA** | Standard Career and Technical Education Agriculture |
| **SSCTEA** | Standard Specialized Career and Technical Education Agriculture |
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| 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). |