

AGRICULTURE, PLANT, AND ANIMAL SCIENCES



The curriculum in the Agriculture, Plant, and Animal Sciences pathway includes studies in nutrition, genetics, plant sciences, reproduction, behavior, physiology, business and technology, production, management, food, irrigation/water management, veterinary science and agribusiness. Programs emphasize topics and skills in entrepreneurship, farming, animal care, environmental regulation, and horticulture.

Most careers in this pathway can be entered on program completion, though some require advanced credentials and are designed for students intending to transfer.

- Program Award definitions can be found on the Types of Degrees and Certificates (<https://catalog.cos.edu/areas-study/#summaryofdegreestext>) webpage.
- To sort/filter the table below, click the funnel icon under the column header.

Degrees and Certificates

Program Title	Program Award	Division	Financial Aid Eligible
Agricultural Business Management (https://catalog.cos.edu/areas-study/agricultural-business-management/associate-science-agricultural-business-management-not-for-transfer-as/)	A.S. Degree	Agriculture	Yes

Agricultural Business Management (https://catalog.cos.edu/areas-study/agricultural-business-management/certificate-achievement-agricultural-business-management/)	Certificate of Achievement	Agriculture	Yes
Agriculture Business (https://catalog.cos.edu/areas-study/agricultural-business-management/associate-science-agricultural-business-as-t/)	A.S.-T Degree	Agriculture	Yes
Agriculture Plant Science (https://catalog.cos.edu/areas-study/plant-science/associate-science-agriculture-plant-science-as-t/)	A.S.-T Degree	Agriculture	Yes
Agriculture Power Equipment Technician (https://catalog.cos.edu/areas-study/agricultural-technology/skill-certificate-agriculture-power-equipment-technician/)	Skill Certificate	Agriculture	Yes
Agricultural Technology (https://catalog.cos.edu/areas-study/agricultural-technology/associate-science-agricultural-technology-not-for-transfer-as/)	A.S. Degree	Agriculture	Yes

Agriculture Technology (https://catalog.cos.edu/areas-study/agricultural-technology/certificate-achievement-agriculture-technology/)	Certificate of Achievement	Agriculture	Yes	Food Safety Management (https://catalog.cos.edu/areas-study/agricultural-business-management/skill-certificate-food-safety-management/)	Skill Certificate	Agriculture	No
Animal Science (https://catalog.cos.edu/areas-study/animal-science/associate-science-animal-science-as-t/)	A.S.-T Degree	Agriculture	Yes	Irrigation Construction and Installation (https://catalog.cos.edu/areas-study/agricultural-technology/skill-certificate-irrigation-construction-installation/)	Skill Certificate	Agriculture	No
Animal Science (https://catalog.cos.edu/areas-study/animal-science/associate-science-animal-science-not-for-transfer-as/)	A.S. Degree	Agriculture	Yes	Irrigation Management (https://catalog.cos.edu/areas-study/agricultural-technology/skill-certificate-irrigation-mgmt/)	Skill Certificate	Agriculture	No
Animal Science (https://catalog.cos.edu/areas-study/animal-science/certificate-achievement-animal-science/)	Certificate of Achievement	Agriculture	Yes	Landscape Design (https://catalog.cos.edu/areas-study/ornamental-horticulture/certificate-achievement-landscape-design/)	Certificate of Achievement	Agriculture	Yes
Dairy Science (https://catalog.cos.edu/areas-study/dairy-science/skill-certificate-dairy-science/)	Skill Certificate	Agriculture	Yes	Landscape Management (https://catalog.cos.edu/areas-study/ornamental-horticulture/associate-science-landscape-management-not-for-transfer-as/)	A.S. Degree	Agriculture	Yes
Equine Science (https://catalog.cos.edu/areas-study/animal-science/certificate-achievement-equine-science/)	Certificate of Achievement	Agriculture	Yes	Floral Technology (https://catalog.cos.edu/areas-study/ornamental-horticulture/skill-certificate-floral-technology/)	Skill Certificate	Agriculture	No

Landscape Management (https://catalog.cos.edu/areas-study/ornamental-horticulture/certificate-achievement-landscape-management/)	Certificate of Achievement	Agriculture	Yes	Plant Science (https://catalog.cos.edu/areas-study/plant-science/skill-certificate-plant-science/)	Skill Certificate	Agriculture	No
Ornamental Horticulture (https://catalog.cos.edu/areas-study/ornamental-horticulture/associate-science-ornamental-horticulture-not-for-transfer-as/)	A.S. Degree	Agriculture	Yes	Veterinary Assisting (https://catalog.cos.edu/areas-study/veterinary-assisting/certificate-achievement-veterinary-assisting/)	Certificate of Achievement	Agriculture	Yes
Ornamental Horticulture (https://catalog.cos.edu/areas-study/ornamental-horticulture/certificate-achievement-ornamental-horticulture/)	Certificate of Achievement	Agriculture	Yes	//			
Ornamental Horticulture - Retail Nursery Skills Option (https://catalog.cos.edu/areas-study/ornamental-horticulture/skill-certificate-ornamental-horticulture-retail-nursery-skills-option/)	Skill Certificate	Agriculture	No				
Plant Science (https://catalog.cos.edu/areas-study/plant-science/associate-science-plant-science-not-transfer-as/)	A.S. Degree	Agriculture	Yes				