

OCAS NUMBER	COURSES	NOTES AND CREDITS	RECOMMENDED CURRICULUM	INDUSTRY CONTENT TESTS
8001 8002 8003	Agricultural Exploration and Orientation (8th grade only)		AG301716 - Agriscience Exploration AG304913 - Agricultural Safety	6003: Agricultural Safety
8004	Introduction to Agriscience (Ag I)	Prerequisite to All Courses	AG100116 - Introduction to Agriscience	6001: Introduction to Agriscience - Ag I
8005	Agriscience II		AG100211 - Principles and Applications in Agriscience	6002: Agriscience II- Ag II 0057: Financial Literacy

**PLANT AND SOIL PATHWAY**

8006	Introduction to Plant and Soil Science	High School Graduation Science Credit *	AG100814 - Introduction to Plant and Soil Science	6303: Introduction to Plant and Soil Science
8007	Agriculture Crop Production	High School Graduation Science Credit *	AG100814 - Introduction to Plant and Soil Science	6303: Introduction to Plant and Soil Science
8008	Advanced Biological Plant Science	High School Graduation Science Credit *		6303: Introduction to Plant and Soil Science

8029	Introduction to Horticulture	High School Graduation Science Credit *	AG103011 - Introduction to Horticulture	6205: Introduction to Horticulture
8030	Greenhouse Production and Floral Design	High School Graduation Science Credit *	AG303206 - Greenhouse Management and Operations	6201: Florist Assistant 6202: Nursery Technician
8031	Landscape and Nursery Production	High School Graduation Science Credit *		6201: Florist Assistant 6202: Nursery Technician

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**AGRICULTURAL POWER AND TECHNOLOGY PATHWAY**

8009	Introduction to Power and Technology		AG104415 - Introduction to Agricultural Power and Technology	6315: Introduction to Agricultural Power and Technology
8010	Agricultural Power and Technology		AG104415 - Introduction to Agricultural Power and Technology	6315: Introduction to Agricultural Power and Technology
8011	Agricultural Structures			4301: Sheilded Metal Arc Welder 4302: Gas Metal Arc Welder

**ANIMAL SCIENCE PATHWAY**

8012	Introduction to Animal Science	High School Graduation Science Credit *	AG800612 - Animal Science	6101: Animal Science
8013	Livestock Production	High School Graduation Science Credit *		6101: Animal Science
8014	Small Animal Care and Veterinary Assisting	High School Graduation Science Credit *		8619: Veterinary Assistant
8015	Equine Science	High School Graduation Science Credit *	AG101014 - Equine Management & Production	6102: General Equine Assistant
8016	Avanced Biological Animal Science	High School Graduation Science Credit *		6101: Animal Science

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**FOOD SCIENCE PATHWAY**

8017	Introduction to Food Science			
8018	Food Science and Biotechnology			

**AGRIBUSINESS PATHWAY**

8019	Introduction to Agribusiness Management			
8020	Agricultural Sales and Marketing			
8021	Employment in Agribusiness	Seniors Only		

**AGRICULTURAL COMMUNICATIONS PATHWAY**

8022**	Introduction to Ag Communications	Language Arts Speech Credit	AG304510 - Communications in Agriculture	6904: Communications in Agriculture
8023	Agricultural Leadership and Personal Development			6904: Communications in Agriculture
8024	Print and Broadcast Journalism in Ag Communications			6904: Communications in Agriculture

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**NATURAL RESOURCES AND ENVIRONMENTAL SCIENCE PATHWAY**

8025	Introduction to Natural Resources and Environmental Science	High School Graduation Science Credit *	AG304213 - Environmental Science and Natural Resources	6329: Environmental Science and Natural Resources
8026	Pasture and Range Management	High School Graduation Science Credit *		6329: Environmental Science and Natural Resources
8027	Wildlife Science and Management	High School Graduation Science Credit *		6329: Environmental Science and Natural Resources
8028	Forestry	High School Graduation Science Credit *	AG803611 - Forestry	6329: Environmental Science and Natural Resources

\* Courses in these pathways can count for science credit toward High School Graduation School (Title 70 O.S. § 11-103.6). Can not count for lab science college entrance science.

\*\* If teaching for language arts (speech credit), must be coded 4221. You shall be approved through ODCTE-Ag Ed to teach for Speech Credit.