

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.