

OCAS NUMBER	COURSES	NOTES AND CREDITS	CORRESPONDING CIMC CURRICULUM	INDUSTRY CONTENT TESTS	iCEV CREDENTIAL	iCEV ENDORSEMENT
8001 8002 8003	Agricultural Exploration and Orientation (8th grade only)		AG301716 - Agriscience Exploration AG304913 - Agricultural Safety	6003: Agricultural Safety Endorsed by Farm Bureau	Career Preparedness (Does not count for Passport)	Express Employment Professionals
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	Finacial Literacy (Does not count for Passport)	

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	Plant Science	BASF
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 Oklahoma Turfgrass Research Foundation	Principals of Floral Design	Benz School of Floral Design
8031	Landscape and Nursery Production	High School Graduation Science Credit *		6201: Florist Assistant 6202: Nursery Technician Oklahoma Turfgrass Research Foundation		

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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	Principles of Small Gas Engine Technology	EETC
8010	Agricultural Power and Technology		AG104415 - Introduction to Agricultural Power and Technology	6315: Introduction to Agricultural Power and Technology		
8011	Agricultural Structures			4301: Shielded 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	Fundamental fo Amino Science	Elanco
8013	Livestock Production	High School Graduation Science Credit *		6101: Animal Science	Principles of Livestock Evaluation and Selection	National Collegiate Livestock Coaches Association
8014	Small Animal Care and Veterinary Assisting	High School Graduation Science Credit *		8619: Veterinary Assistant	Veterinary Medical Applications	Elanco
8015	Equine Science	High School Graduation Science Credit *	AG101014 - Equine Management & Production	6102: General Equine Assistant Oklahoma Quarter Horse Association.	Equine Management and Evaluation	National Horse Judging Team Coaches Assoc.
8016	Advanced Biological Animal Science	High School Graduation Science Credit *		6101: Animal Science		

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FOOD SCIENCE PATHWAY

8017	Introduction to Food Science				Culinary Meat Selection and Cookery Food Safety and Science Meat Evaluation	American Meat Science Association
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	Speech Credit	AG304510 - Communications in Agriculture	6904: Communications in Agriculture	SW Airlines Professional Communications	SW Airlines
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	Ecology and Conservation and Management	Ducks Unlimited
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.

** Tests and courses do NOT qualify for career passports