

	Food Products & Processing Systems Pathway	Plant Systems Pathway	Animal Systems Pathway	Power, Structural & Technical Systems Pathway	Natural Resources Systems Pathway	Environmental Service Systems Pathway	Agribusiness Systems Pathway
<b>Foundational CTE Courses</b>	Career Exploration (80023) Computer Applications (10004^ <sup>^</sup> ) Employability Skills (22152^ <sup>^</sup> ) Foundations of CTE (22150^ <sup>^</sup> ) Service Learning (22104) <i>*.5 credits of Foundational CTE courses can be counted toward students' 2-credit concentrator status</i>						
<b>Cluster Courses</b>	Leadership & Personal Development (18203) MS Introduction to AFNR (18000) Introduction to AFNR (18001) <b>CASE</b> Introduction to AFNR (18005) Entrepreneurship (12053^ <sup>^</sup> ) [ <b>Entrepreneurship (12053^<sup>^</sup>) does not count for FFA membership</b> ]						
<b>Pathway Courses</b>	Ag Processing Technology (18302)  Food Science (18305)  Agriculture Biotechnology (18308)  Agriscience (18310^ <sup>^</sup> )	Fundamental Plant Science (18051)  Horticulture (18053)  Landscape, Design & Maintenance (18054)  Advanced Plant Science (18057)  Greenhouse Management (18058)  Floriculture (18059)  Agriculture Biotechnology (18308)  Agriscience (18310^ <sup>^</sup> )	Fundamental Animal Science (18101^ <sup>^</sup> )  Advanced Animal Science (18107)  Companion Animals (18108)  Agriculture Biotechnology (18308)  Agriscience (18310^ <sup>^</sup> )	Fundamental Ag Mechanics (18401)  Ag Power Technology (18402)  Fundamental Ag Structures Technology (18403)  Ag Metal Fabrication (18404)  Advanced Ag Structures Technology (18406)	Natural Resources (18504)  Wildlife & Fisheries (18501^ <sup>^</sup> )	Environmental Science (03003^ <sup>^</sup> )  Natural Resources (18504)  Agriculture Biotechnology (18308)	Ag Business Sales & Marketing (18201)  Agribusiness Entrepreneurship (18202^ <sup>^</sup> )  Agriculture Communications (18205)

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<b>Pathway Courses (cont'd)</b>	<b>CASE Courses</b> Animal & Plant Biotechnology (18311)	<b>CASE Courses</b> Principles of Agricultural Science - Plant (18056) Animal & Plant Biotechnology (18311)	<b>CASE Courses</b> Principles of Agricultural Science - Animal (18106) Animal & Plant Biotechnology (18311)			<b>CASE Courses</b> Animal & Plant Biotechnology (18311)	
<b>Dual Credit Courses</b>	MTI ENG 201 - Technical Writing (99999 <sup>^</sup> )						
<b>Academic Courses</b>	Biology (03051 <sup>^</sup> ) Biology - Advanced Studies (03052) AP Biology (03056 <sup>^</sup> ) Chemistry (03101 <sup>^</sup> ) Organic Chemistry (03103) AP Chemistry (03106 <sup>^</sup> ) AP Environmental Science (03207) Physics (03151 <sup>^</sup> ) Geometry (02072 <sup>^</sup> ) <i>*.5 credits of relevant academic coursework can be counted toward students' 2-credit concentrator status</i>						
<b>Capstone Courses</b>	Entrepreneurship Experience (80026) Senior Experience (80019 <sup>^</sup> ) Service Learning (22104) Youth Internships (80018 <sup>^</sup> ) <i>*Up to 1 credit of capstone coursework can be counted toward students' 2-credit concentrator status</i>						