

				
Career Cluster - 1 Agriculture, Food & Natural Resources				
Pathways	Year 1	Year 2	Year 3	Year 4
Animal Systems - Pre-Veterinary	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Small Animal Care SDE # - 5122 MNPS Course Code - AGR8375 Credit: 1/2-1	Horse Science SDE # -5118 MNPS Course Code - AGR5118 Credit: 1/2 - 1	Principles of Veterinary Science SDE # -5126 MNPS Course Code - AGR8374 Credit: 1
Animal Systems - Production Animals	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Advance Principles of Agriculture SDE # - 5105 MNPS Course Code - AGR5105 Credit: 1	Livestock Management SDE # -5127 or 5177 MNPS Course Code - AGR5177 Credit: 1/2 - 1	Principles of Veterinary Science SDE # -5126 MNPS Course Code - AGR8374 Credit: 1
Power, Structures and Technical Systems	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Agriculture Mechanics and Maintenance SDE # - 5101 MNPS Course Code - AGR5101 Credit: 1/2 - 1	Agriculture Power and Equipment SDE # -5102 MNPS Course Code - AGR8276 Credit: 1 or 2	Principles of Agriculture Engineering SDE # -5128 MNPS Course Code - AGR8130 Credit: 1 or 2
Agribusiness, Food Products and Process Systems	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Leadership SDE # - 5119 MNPS Course Code - AGR5119 Credit: 1/2 - 1	Agriculture Sales and Service SDE # -5103 MNPS Course Code - AGR8276 Credit: 1/2 - 1	Agriculture Business/Economics SDE # -5100 MNPS Course Code - AGR5100 Credit: 1
Environmental and Natural Resources Systems	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Forestry SDE # - 5115 MNPS Course Code - AGR8977 Credit: 1/2 - 1	Soil and Land Management SDE # -5112 MNPS Course Code - AGR8110 Credit: 1/2 - 1	Crop Science SDE # -5111 MNPS Course Code - AGR5111 Credit: 1-2
Plant Systems - Turf grass /Nursery Production	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Turf grass Management SDE # -5123 MNPS Course Code - AGR8677 Credit: 1/2 - 1	Nursery Production SDE # -5120 MNPS Course Code - AGR8674 Credit: 1/2 - 1	Horticulture Technology SDE # -5125 MNPS Course Code - AGR8120 Credit: 1
Plant Systems - Horticulture Production	Agriscience SDE # - 5121 or 5171* MNPS Course Code - AGR8776 or SCI6616 Credit: 1 *HQ - Can be substituted for a Life Science	Exterior/Interior Landscaping SDE # -5113 MNPS Course Code - AGR8673 Credit: 1/2 - 1	Hydroponics SDE # -5129 MNPS Course Code - AGR8140 Credit: 1/2 - 1	Horticulture Technology SDE # -5125 MNPS Course Code - AGR8120 Credit: 1