



Five Year Course Planning Schedule (2022 - 2027) - Core Courses

Department of Agricultural and Biosystems Engineering
Program of Agricultural and Environmental Systems



Code	Course Name	Credits	2022-2023			2023-2024			2024-2025			2025-2026			2026-2027		
			Summer 2022	First Semester	Second Semester	Summer 2023	First Semester	Second Semester	Summer 2024	First Semester	Second Semester	Summer 2025	First Semester	Second Semester	Summer 2026	First Semester	Second Semester
SAGA 3016	COMPUTING AND COMMUNICATION IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	3		X	X		X	X		X	X		X	X		X	X
SAGA 4008	AGRICULTURAL AND ENVIRONMENTAL SYSTEMS PRACTICUM	3	X			X			X			X			X		
SAGA 4009	MECHANICAL POWER IN AGRICULTURE	3		X			X										
SAGA 4015	AGRICULTURAL MACHINERY I	3		X	X		X	X		X	X		X	X		X	X
SAGA 4036	SEMINAR IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	1		X			X			X			X			X	
SAGA 4037	SEMINAR IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	1			X			X			X			X			X
SAGA 4041	AGRICULTURAL TRACTORS AND MACHINERY	4			X			X			X			X			X
SAGA 4048	FARM BUILDINGS	3			X			X			X			X			X
SAGA 4129	AGRICULTURAL PRODUCTS PROCESSING	3		X			X			X			X			X	
SAGA 4319	FARM DRAINAGE AND IRRIGATION	3			X			X			X			X			X
SAGA 4335	SOIL AND WATER MANAGEMENT	4		X			X			X			X			X	
SAGA 4505	ELECTROTECHNOLOGY	3			X			X			X			X			X



Five Year Course Planning Schedule (2022 - 2027) - Elective Courses

Department of Agricultural and Biosystems Engineering
Program of Agricultural and Environmental Systems



ELECTIVE COURSES			2022-2023			2023-2024			2024-2025			2025-2026			2026-2027		
Code	Course Name	Credits	Summer 2022	First Semester	Second Semester	Summer 2023	First Semester	Second Semester	Summer 2024	First Semester	Second Semester	Summer 2025	First Semester	Second Semester	Summer 2026	First Semester	Second Semester
INAG 4418	COMPUTER AIDED DESIGN IN AGRICULTURE	3		X			X			X			X			X	
SAGA 4007	METALWORKING AND WELDING	3									X						X
SAGA 4017	SAFETY IN AGRICULTURE	2											X				
SAGA 4038	AGRICULTURAL HYDROLOGY	3		X			X			X			X			X	
SAGA 4105	FERMENTATION BIOTECHNOLOGY	3			X			X			X			X			X
SAGA 4226	MECHANIZED MILKING SYSTEMS	3								X							
SAGA 4230	PRECISION AGRICULTURE TECHNOLOGIES	3								X						X	
SAGA 4501	RENEWABLE ENERGY IN AGRICULTURE	3			X						X						X
SAGA 5006	MANAGEMENT AGRICULTURAL MACHINERY	3									X						X
SAGA 5008	GEOGRAPHIC INFORMATION SYSTEM IN NATURAL RESOURCES	3		X	X		X	X		X	X		X	X		X	X
SAGA 5030	PRECISION AGRICULTURE TECHNOLOGIES	3											X				
SAGA 5125	FOOD PACKAGING	3					X										
SAGA 5126	FOOD SAFETY	3		X												X	
SAGA 5315	MICRO-IRRIGATION SYSTEMS	3			X			X			X			X			X
SAGA 5317	AGROCLIMATOLOGY	3		X			X			X			X			X	



Five Year Course Planning Schedule (2022 - 2027)

Department of Agricultural and Biosystems Engineering

Program of Agricultural and Environmental Systems



ELECTIVE COURSES (BY DEMAND)

Code	Course Name	Credits
SAGA 4010	AGRICULTURAL AND ENVIRONMENTAL SYSTEMS INTERNSHIP	1-6
SAGA 4990	SUPERVISED PROFESSIONAL OCCUPATIONAL EXPERIENCE FOR CO-OP STUDENTS	3-6
SAGA 4991	SPECIAL PROBLEMS IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	1-3
SAGA 4992	SPECIAL PROBLEMS IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	1-3
SAGA 5991	SPECIAL TOPICS IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	1-3
SAGA 5995	PROJECTS IN AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	1-3
SAGA 3015	INTRODUCTION TO AGRICULTURAL AND ENVIRONMENTAL SYSTEMS	3
SAGA 4039	AGRICULTURAL WASTE MANAGEMENT	3
SAGA 4216	AGRICULTURAL MACHINERY II	3
SAGA 4245	HYDRAULIC AND PNEUMATIC SYSTEMS IN AGRICULTURE	3
SAGA 5005	EQUIPMENT FOR APPLICATION OF CHEMICAL AND BIOLOGICAL PRODUCTS	3
SAGA 5007	ADVANCED SOIL AND WATER MANAGEMENT	3
SAGA 5016	ANAEROBIC DIGESTION OF AGRICULTURAL WASTE	3
INAG 4990	SELECTED TOPICS IN AGRICULTURAL ENGINEERING	1-3
INAG 4996	PROJECTS IN AGRICULTURAL ENGINEERING	2-4
INAG 5990	SELECTED TOPICS IN AGRICULTURAL ENGINEERING	1-3