

**Department of Integrative Agriculture**
**Bachelor of Science in Agricultural Resource Management Model Study Plan (2022-2023 Cohort onwards)**

For Students Admitted to the University in the Fall Semester  
 Total Degree Credit hours: 120

Semester	Course Code	Course Title	CH	Course type
Year 1 1 (Fall)	MATH105	Calculus I	3	Gen Ed Course (Cluster 1: Area 5: Quantitative Reasoning)
	AGRB210	Introduction to Agribusiness	3	Gen Ed Course (Cluster 2: Area 2: Social and Behavioral Sciences)
	GEIT112	Fourth Industrial Revolution	3	Gen Ed Course (Cluster 1: Area 3: Fourth Industrial Revolution)
	HSS105	Emirates Studies	3	Gen Ed Course (Cluster 2: Area 3: Emirates Society)
	ESPU106	Introduction to Academic English For Food & Agriculture	3	Gen Ed Course (Cluster 1 Area 2: English Communication)
			15	
Year 2 2 (Spring)	AGRB200	Agricultural Economics	3	Specialization
	AGRB300	Marketing Management for Agribusiness	3	Specialization
	ARAG200	Principles of Soil and Water	3	Specialization
	ISLM100/ISLM101	Islamic Culture/Biography of the Prophet "Sira"	3	Gen Ed Course (Cluster 2: Area 4: Islamic Culture)
	Elective	Student choice	3	Free Elective
			15	
Year 2 3 (Fall)	BIOC100	Basic Biology I	3	Gen Ed Course (Cluster 3: Area 1: Natural Sciences)
	PHYS105	General Physics I	3	College Requirement
	STAT130	Statistics for Business	3	College Requirement
	GESU121	Sustainability	3	Gen Ed Course (Cluster 3: Area 2: Sustainability)
	PHI180	Critical Thinking	3	Gen Ed Course (Cluster 1: Area 4: Critical Thinking)
			15	
Year 3 4 (Spring)	ECON125	Principles of Macroeconomics	3	Specialization
	ARAG307	Introduction to Horticulture	2	Specialization
	ARAG330	Principles of Animal Sciences	3	Specialization
	Elective	Student choice	3	Gen Ed Course (Cluster 2: Area 1: Humanities and Fine Arts)
	Elective	Student choice	3	Major Elective
			14	
Year 3 5 (Fall)	AGRB352	Agribusiness Entrepreneurship	3	Gen Ed Course (Cluster 1: Area 1: Innovation and Entrepreneurship)
	AGRB360	Global Agri-food Trade	3	Specialization
	AGRB220	Introduction to Agricultural Extension	3	Specialization
	AGRB422	Agricultural and Food Policy	3	Specialization
	Elective	Student choice	3	Free Elective
	Elective	Student choice	3	Major Elective
Year 4 6 (Spring)	AGRB333	Applied Agricultural Education and Extension	3	Specialization
	FDSC250	Contemporary Food Science & Nutrition	3	Specialization
	ECON231	Econometrics	3	Specialization
	AGRB444	Farm Management	3	Specialization
	Elective	Student choice	3	Major Elective
			15	
Year 4 7 (Fall)	AGRB391	Applications Of Quantitative Research Techniques to Social Science	3	Specialization
	AGRB365	Economics of Food Security and Sustainability	3	Specialization
	AGRB335	Computer and IT Applications in Agriculture	3	Specialization
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
			15	
Year 4 8 (Spring)	AGRB410	Internship 5	4	Internship
	AGRB450	Agribusiness Senior Seminar	2	Specialization
	AGRB480	Senior Project	4	Specialization
	Elective	Student choice	3	Major Elective
			13	

## Department of Integrative Agriculture

## Bachelor of Science in Agricultural Resource Management Model Study Plan (2022-2023 Cohort onwards)

For Students Admitted to the University in the Spring Semester

Total Degree Credit hours: 120

	Semester	Course Code	Course Title	CH	Course type
Year 1	1 (Spring)	ARAG200	Principles of Soil and Water	3	Specialization
		MATH105	Calculus I	3	Gen Ed Course (Cluster 1: Area 5: Quantitative Reasoning)
		ISLM100/ISLM101	Islamic Culture/Biography of the Prophet "Sira"	3	Gen Ed Course (Cluster 2: Area 4: Islamic Culture)
		GEIT112	Fourth Industrial Revolution	3	Gen Ed Course (Cluster 1: Area 3: Fourth Industrial Revolution)
		PHI180	Critical Thinking	3	Gen Ed Course (Cluster 1: Area 4: Critical Thinking)
				15	
Year 2	2 (Fall)	AGRB200	Agricultural Economics	3	Specialization
		AGRB210	Introduction to Agribusiness	3	Gen Ed Course (Cluster 2: Area 2: Social and Behavioral Sciences)
		ECON125	Principles of Macroeconomics	3	Specialization
		BIOC100	Basic Biology I	3	Gen Ed Course (Cluster 3: Area 1: Natural Sciences)
		STAT130	Statistics for Business	3	College Requirement
				15	
Year 2	3 (Spring)	AGRB300	Marketing Management for Agribusiness	3	Specialization
		ARAG330	Principles of Animal Sciences	3	Specialization
		ESPU106	Introduction to Academic English For Food & Agriculture	3	Gen Ed Course (Cluster 1 Area 2: English Communication)
		HSS105	Emirates Studies	3	Gen Ed Course (Cluster 2: Area 3: Emirates Society)
		Elective	Student choice	3	Major Elective
				15	
Year 3	4 (Fall)	AGRB352	Agribusiness Entrepreneurship	3	Gen Ed Course (Cluster 1: Area 1: Innovation and Entrepreneurship)
		ARAG307	Introduction to Horticulture	2	Specialization
		GESU121	Sustainability	3	Gen Ed Course (Cluster 3: Area 2: Sustainability)
		PHYS105	General Physics I	3	Specialization
		Elective	Student choice	3	Major Elective
				14	
Year 3	5 (Spring)	AGRB422	Agricultural and Food Policy	3	Specialization
		AGRB360	Global Agri-food Trade	3	Specialization
		FDSC250	Contemporary Food Science & Nutrition	3	Specialization
		ECON231	Econometrics	3	Specialization
		Elective	Student choice	3	Free Elective
				15	
Year 4	6 (Fall)	AGRB391	Applications Of Quantitative Research Techniques to Social Science	3	Specialization
		AGRB365	Economics of Food Security and Sustainability	3	Specialization
		AGRB220	Introduction to Agricultural Extension	3	Specialization
		AGRB444	Farm Management	3	Specialization
		Elective	Student choice	3	Gen Ed Course (Cluster 2: Area 1: Humanities and Fine Arts)
		Elective	Student choice	3	Free Elective
Year 4	7 (Spring)	AGRB333	Applied Agricultural Education and Extension	3	Specialization
		Elective	Student choice	3	Major Elective
		AGRB335	Computer and IT Applications in Agriculture	3	Specialization
		Elective	Student choice	3	Major Elective
		Elective	Student choice	3	Major Elective
				15	
Year 4	8 (Fall)	AGRB410	Internship 5	4	Internship
		AGRB450	Agribusiness Senior Seminar	2	Specialization
		AGRB480	Senior Project	4	Specialization
		Elective	Student choice	3	Major Elective
				13	

Department of Integrative Agriculture

Bachelor of Science in Agricultural Resource Management Model Study Plan (2025-2026 Cohort onwards)

For Students Admitted to the University in the Fall Semester  
Total Degree Credit hours: 120

Semester	Course Code	Course Title	CH	Course type
Year 1 1 (Fall)	MATH105	Calculus I	3	Specialization
	AGRB210	Introduction to Agribusiness	3	Specialization
	GEEM110	Contemporary Emirati Studies	3	Gen. Ed. Theme 1: UAE National Identity
	GEAE101	Academic English for Humanities and STEM	3	Gen. Ed. Theme 2: Academic Language Proficiency
	GEIT113	Introduction to Artificial Intelligence	3	Gen. Ed. Theme 3: Innovation
			15	
Year 1 2 (Spring)	AGRB200	Agricultural Economics	3	Specialization
	AGRB300	Marketing Management for Agribusiness	3	Specialization
	ARAG200	Principles of Soil and Water	3	Specialization
	GEIE222	Fundamentals of Innovation and Entrepreneurship	3	Gen. Ed. Theme 4: Entrepreneurship
	Elective	Student choice	3	Free Elective
Year 2 3 (Fall)	BIOC100	Basic Biology I	3	College Requirement
	PHYS105	General Physics I	3	College Requirement
	STAT130	Statistics for Business	3	College Requirement
	GESU121	Sustainability	3	Gen. Ed. Theme 5: Sustainability
	Elective	Student choice	3	Gen. Ed. Theme 6 or 7 or 8 or 8 or 9 or 10
			15	
Year 2 4 (Spring)	ECON125	Principles of Macroeconomics	3	Specialization
	ARAG307	Introduction to Horticulture	2	Specialization
	ARAG330	Principles of Animal Sciences	3	Specialization
	Elective	Student choice	3	Gen. Ed. Theme 6 or 7 or 8 or 8 or 9 or 10
	Elective	Student choice	3	Major Elective
Year 3 5 (Fall)	AGRB352	Agribusiness Entrepreneurship	3	Gen Ed Course (Cluster 1: Area 1: Innovation and Entrepreneurship)
	AGRB360	Global Agri-food Trade	3	Specialization
	AGRB220	Introduction to Agricultural Extension	3	Specialization
	AGRB422	Agricultural and Food Policy	3	Specialization
	Elective	Student choice	3	Free Elective
	Elective	Student choice	3	Major Elective
Year 3 6 (Spring)	AGRB333	Applied Agricultural Education and Extension	3	Specialization
	FDSC250	Contemporary Food Science & Nutrition	3	Specialization
	ECON231	Econometrics	3	Specialization
	AGRB444	Farm Management	3	Specialization
	Elective	Student choice	3	Major Elective
			18	
Year 4 7 (Fall)	AGRB391	Applications Of Quantitative Research Techniques to Social Science	3	Specialization
	AGRB365	Economics of Food Security and Sustainability	3	Specialization
	AGRB335	Computer and IT Applications in Agriculture	3	Specialization
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
Year 4 8 (Spring)	AGRB410	Internship 5	4	Internship
	AGRB450	Agribusiness Senior Seminar	2	Specialization
	AGRB480	Senior Project	4	Specialization
	Elective	Student choice	3	Major Elective
			13	


**Department of Integrative Agriculture**
**Bachelor of Science in Agricultural Resource Management Model Study Plan (2025-2026 Cohort onwards)**

For Students Admitted to the University in the Spring Semester  
 Total Degree Credit hours: 120

	Semester	Course Code	Course Title	CH	Course type
Year 1	1 (Spring)	ARAG200	Principles of Soil and Water	3	Specialization
		MATH105	Calculus I	3	College Requirement
		GEEM110	Contemporary Emirati Studies	3	Gen. Ed. Theme 1: UAE National Identity
		GEAE101	Academic English for Humanities and STEM	3	Gen. Ed. Theme 2: Academic Language Proficiency
		Elective	Student choice	3	Free Elective
				15	
Year 1	2 (Fall)	AGRB200	Agricultural Economics	3	Specialization
		AGRB210	Introduction to Agribusiness	3	Specialization
		ECON125	Principles of Macroeconomics	3	Specialization
		BIOC100	Basic Biology I	3	College Requirement
		STAT130	Statistics for Business	3	College Requirement
				15	
Year 2	3 (Spring)	AGRB300	Marketing Management for Agribusiness	3	Specialization
		ARAG330	Principles of Animal Sciences	3	Specialization
		GEIT113	Introduction to Artificial Intelligence	3	Gen. Ed. Theme 3: Innovation
		GEIE222	Fundamentals of Innovation and Entrepreneurship	3	Gen. Ed. Theme 4: Entrepreneurship
		Elective	Student choice	3	Major Elective
				15	
Year 2	4 (Fall)	AGRB352	Agribusiness Entrepreneurship	3	Gen Ed Course (Cluster 1: Area 1: Innovation and Entrepreneurship)
		ARAG307	Introduction to Horticulture	2	Specialization
		GESU121	Sustainability	3	Gen. Ed. Theme 5: Sustainability
		PHYS105	General Physics I	3	College Requirement
		Elective	Student choice	3	Major Elective
				14	
Year 3	5 (Spring)	AGRB422	Agricultural and Food Policy	3	Specialization
		AGRB360	Global Agri-food Trade	3	Specialization
		FDSC250	Contemporary Food Science & Nutrition	3	Specialization
		ECON231	Econometrics	3	Specialization
		Elective	Student choice	3	Gen. Ed. Theme 6 or 7 or 8 or 8 or 9 or 10
				15	
Year 3	6 (Fall)	AGRB391	Applications Of Quantitative Research Techniques to Social Science	3	Specialization
		AGRB365	Economics of Food Security and Sustainability	3	Specialization
		AGRB220	Introduction to Agricultural Extension	3	Specialization
		AGRB444	Farm Management	3	Specialization
		Elective	Student choice	3	Gen. Ed. Theme 6 or 7 or 8 or 8 or 9 or 10
		Elective	Student choice	3	Free Elective
		18			
Year 4	7 (Spring)	AGRB333	Applied Agricultural Education and Extension	3	Specialization
		Elective	Student choice	3	Major Elective
		AGRB335	Computer and IT Applications in Agriculture	3	Specialization
		Elective	Student choice	3	Major Elective
		Elective	Student choice	3	Major Elective
				15	
Year 4	8 (Fall)	AGRB410	Internship 5	4	Internship
		AGRB450	Agribusiness Senior Seminar	2	Specialization
		AGRB480	Senior Project	4	Specialization
		Elective	Student choice	3	Major Elective
				13	