

Bachelor of Science In Agricultural and Medical Biotechnology

Suggested Four Year Plan
(Effective Fall 2023)

		Year One			
		Fall			Spring
ABT 101	Introduction to Biotechnology	1	ABT 120	Genetics & Society	3
AFE 100	Current Issues in Ag & NRES	3	CHE 107	General College Chemistry II	3
CIS/WRD 110	Composition & Communication I	3	CHE 113	General College Chemistry II Lab	2
CHE 105	General Chemistry	4	BIO 148	Introductory Biology I	3
CHE 111	General Chemistry Lab	1	CIS/WRD 111	Composition & Communication II	3
MA 113	Calculus I OR			Elective	1
MA 137	Calculus I with Life Science Apps OR				
MA 123*	Elementary Calculus	4			
	Total	16		Total	15
	* pre-pharm option-MA 109 and MA 123				
Year Two					
		Fall			Spring
CHE 230	Organic Chemistry I	3	CHE 232	Organic Chemistry II	3
CHE 231	Organic Chemistry I Lab	1	CHE 233	Organic Chemistry II Lab	1
BIO 152	Principles of Biology II	3	UK Core II	Humanities	3
UK Core I	Arts & Creativity	3	UK Core III	Social Sciences	3
ABT 201	Scientific Method in ABT	1	STA 296	Stats Methods & Motivations OR	
	Elective	3	BST 230	Stats Thinking for Pop Health	3
			ABT 394	Introduction to Laboratory Practices	1
	Total	14		Elective	1
				Total	15
Year Three					
		Fall			Spring
PHY 211	General Physics I	5	PHY 213	General Physics II	5
ABT 360	Genetics OR		BIO 308	General Microbiology	3
BIO 304	Principles of Genetics	3 (4)	BIO 309	Microbiology Laboratory	2
ABT 301	Writing & Presentation in Life Sciences	2	BCH 401G	Fundamentals of Biochemistry	3
UK Core X	Global Dynamics	3		Specialty Support-2	3
	Specialty Support-1	3			
	Total	16		Total	16
Year Four					
ABT 395	Independent Study in Biotechnology	3	ABT 460	Introduction to Molecular Genetics	3
ABT 495	Experimental Methods in Biotechnology	4	ABT 461G	Introduction to Population Genetics	3
	Specialty Support-3	3		Specialty Support-6	3
	Specialty Support-4	3		Specialty Support-7	3
	Specialty Support-5	3			
	Total	16			12