

**PROGRAMME MODULE STRUCTURE: BACHELOR OF EDUCATION WITH
HONOURS IN BIOLOGY AND CHEMISTRY**

YEAR	Programme			Bachelor of Education with Honours in Biology and Chemistry	
	Levels & Trimesters	Module Code	Module Title	Number of Credits per module	
	Level 1				
YEAR 1	Trim. 1	COM 1101	Communication Skills	10 credits	
		COL 1101	Computer Literacy	10 credits	
		HUM 1101	Humanities	10 credits	
		BIO 1101	Cell Biology	10 credits	
		CHE 1101	General Chemistry	10 credits	
		CHE 1102	Basic and Practical Physical Chemistry	10 credits	
			Sub-total 1	60 credits	
	Trim. 2				
		IRM 1201	Introduction to Research Methodology	10 credits	
		EDE 1201	Educational Psychology	15 credits	
		EDG 1201	General Pedagogy and Methodology	15 credits	
		BIO 1201	Genetics	10 credits	
		BIO 1202	Basic Ecology and Biosystematics	10 credits	
			Sub-total 2	60credits	
	Total	120 credits			
Year 2	Level 2 Trim. 3				
		CHE 2301	Basic and Practical inorganic Chemistry	10 credits	
		CHE 2302	Electrochemistry and Analytical Chemistry	10 credits	
		EDH 2301	Human Developmental Psychology	15 credits	
		BIO 2103	Evolutionary Biology	15 credits	
		EDC 2101	Curriculum Studies	10 credits	
		Sub-total 3	60 credits		
	Trim.1	CHE 2102	Aromatic and Natural Products	10 credits	
		CHE 2103	Basic and Practical Organic Chemistry	10 credits	
		EDF 2101	Foundation of Education	15 credits	
		EDS 3201	Biology and Chemistry Teaching Methods	15 credits	
		BIO 3201	Fresh Water Biology	10 credits	
			Sub-total 4	60 credits	
			Total	120 credits	
Level 3	ENT 3201	Entrepreneurship Skills	10 credits		
Trim.2	EDM 3201	School Management and Administration	10 credits		
	CHE 3201	Periodicity and transition metals	10 credits		
	BIO 4301	Animal Diversity	10 credits		
	EDR 4301	Educational Research	10 credits		
	EDM 4301	Educational Measurement and Evaluation	10 credits		

			<i>Sub-total 5</i>	<i>60 credits</i>	
	Level 4				
	Trim. 3	CHE 4301	Thermo chemistry and Thermodynamics	15 credits	
		BIO 5101	Plant Diversity	20credits	
		CHE 5101	Polymer Chemistry and Biochemistry	15 credits	
		BIO 5102	Laboratory Design and Management	10 credits	
			<i>Sub-total 6</i>		<i>60 credits</i>
			<i>Total</i>	<i>120 credits</i>	
Year 3	Level 5				
	Trim. 1	BIO 5103	Entomology and Parasitology	15 credits	
		BIO 5204	Microbiology, Mycology and Immunology	15 credits	
		BIO 5205	Nutrition and Population Life Communication	15 credits	
		CHE 5202	Stereochemistry and Mechanisms of Reactions	15 credits	
			<i>Sub-total 7</i>		<i>60 credits</i>
			EDE 5201	Educational Technology and Microteaching	10 credits
	Trim.3	EDT 5301	Teaching and School Practice	30 credits	
		EDD 5301	Dissertation	20 credits	
			<i>Sub-total 8</i>		<i>60 credits</i>
				<i>Total</i>	<i>120 credits</i>
		TOTAL	GENERAL TOTAL	480 CREDITS	

EAST AFRICAN UNIVERSITY RWAANDA