

Program structure: Bachelor of Education in Biology-Chemistry with Education

Year	Semes ter	Code	Module	Credits		
One	1	EBC81101	Philosophy, History and Sociology of Education	10	i-xxxiii	
		EBC81102	Human Development Psychology	10		
		EBC81103	Evolutionary and Cell Biology	15		
		EBC81104	General Chemistry	10		
		EBC81105	General English	10		
		EBC81106	Introduction to ICT	10		
		BTR81107	Christian Values and Ethics	10		Viii, xvi, xxxiii
		EBC81108	Mathematics for scientists	5		i-xxxiii
	Sub-Total Number of Credits per Semester One				80	
	2	EBC81209	Theories and practices of teaching and learning	10	i-xxxiii	
		EBC81210	Educational Psychology	10		
		EBC81211	Teaching Practice	5		
		EBC81212	Organic chemistry I	10		
		EBC81213	Physical chemistry I	10		
		EBC81214	Genetics	10	i-xxxiii	

		EBC81215	Animal Diversity	10	
		EBC81216	Citizenship and transformative education	10	
	Sub-Total Number of Credit per Semester Two			75	
	Total Number of Credit per Year One			155	
Two	1	EBC82117	Guidance, Counselling and Inclusive Education	10	i-xxxiii
		EBC82118	Curriculum theory and development	10	
		EBC82119	Fungi & Plant Diversity	10	
		EBC82120	Electrochemistry	10	
		EBC82121	Analytical Chemistry I	10	
		EBC82122	Plant Anatomy and Physiology	10	
		EBC82123	English for specific purpose	10	
	Sub- Total Number of Credit per Semester One			70	
	2	EBC82224	Measurement and evaluation in Education	10	i-xxxiii
		EBC82225	Professional Ethics for Teachers	10	
EBC82226		School attachment 1	5		
EBC82227		Organic Chemistry II	10		
EBC82228		Physical chemistry II	10		
EBC82229		Animal Anatomy	10	i-xxxiii	

		EBC82230	Animal Physiology	10	
		EBC82231	Entrepreneurship for educators	10	
	Sub- Total Number of Credit per Semester two			75	
	Total Number of Credit per Year Two			145	
Three	1	EBC83132	Biology teaching Methods	10	i-xxxiii
		EBC83133	Chemistry teaching Methods	10	
		EBC83134	Educational Technology	10	
		EBC83135	Microbiology and Immunopathology	10	
		EBC83136	Molecular Biology and Biotechnology	10	
		EBC83137	Polymer chemistry	10	
		EBC83138	Transition metals and Coordination chemistry	10	
	Sub-Total Number of Credits per Semester One			70	
	2	EBC83239	Research Methods in Education	10	i-xxxiii
		EBC83240	Educational Leadership and Management	10	
		EBC83241	School Attachment 2 (Credit bearing)	10	
		EBC83242	Biochemistry	15	
		EBC83243	Developmental Biology	10	
EBC83244		Human Biology and Nutrition	10	i-xxxiii	

	Sub-Total Number of Credits per Semester Two			65	
	Total Number of Credits per Year Three			135	
Four	1	EBC84145	Education Planning and Economics of Education	10	i-xxxiii
		EBC84146	Comparative Education	10	
		EBC84147	Analytical Chemistry II	10	
		EBC84148	Nuclear and radiochemistry	10	
		EBC84149	Industrial and Environmental Chemistry	10	
		EBC84150	Parasitology	10	
		EBC84151	Ecology and Animal Behaviour	15	
	Sub-Total Number of Credits per Semester			75	
	2	EBC84252	School Attachment III	20	i-xxxiii
		EBC84253	Education Research Project	10	
	Sub-Total Number of Credits per Semester			30	
Total Number of Credits per Year Four			105		
Program Total Number of Credits			540		