

Bachelor of Education in Chemistry and Biology (BECB)

Major Electives

Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
Total		3		

Core Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOL200	General Biology I	3	ENGL051 - ENGL101 - BIOL160	BIOL200L
BIOL200L	General Biology I Lab	1	ENGL051 - ENGL101	BIOL200
BIOL250	General Biology II	3	BIOL200	BIOL250L
BIOL250L	General Biology II Lab	1	BIOL200	BIOL250
BIOL375	Plant Physiology	3	BIOL250	BIOL375L
BIOL375L	Plant Physiology Lab	1	BIOL250	BIOL375
CHEM200	General Chemistry	3	ENGL101 - CHEM160	CHEM200L
CHEM200L	General Chemistry Lab	1	ENGL101 - CHEM160	CHEM200
EDIT250	Educational Technology for Teachers	3	CSCI200	
EDUC405	Methods of Teaching & Testing	3	EDUC281	
EDUC411	Introduction to the Philosophy of Education	3	ENGL201	
EDUC440	Teaching Practicum I	3		EDUC405
Total		28		

Major Requirements

Code	Title	Credits	Prerequisites	Corequisites
BIOC310	Medical Biochemistry	4	CHEM255 - BIOL200	
BIOL275	Cell and Molecular Biology	3	BIOL200	BIOL275L
BIOL275L	Cell and Molecular Biology Lab	1	BIOL200	BIOL275
BIOL360	Human Physiology & Anatomy	4	BIOL200	
BIOL365	Genetics	3	BIOL275	
BIOL425	Immunology	3	BIOL275 - BIOL360	
CHEM255	Basic Organic Chemistry	3	ENGL051 - ENGL101 - CHEM200	CHEM255L
CHEM255L	Basic Organic Chemistry Lab	1	ENGL051 - ENGL101 - CHEM200	CHEM255
CHEM260	Analytical Chemistry	3	CHEM200	CHEM260L
CHEM260L	Analytical Chemistry Lab	1	CHEM200	CHEM260
CHEM310	Physical Chemistry I	3	CHEM200	
EDUC221	Introduction to Educational Psychology	3		ENGL201
EDUC281	Learning & Developmental Theories	3	EDUC221	
EDUC328	Introduction to Math and General Sciences Curriculum	3	ENGL251	
EDUC346	Introduction to Classroom Management	3	EDUC281	
EDUC380	Statistical Research in Education	3	ENGL251	
EDUC423	Teaching Mathematics and General Sciences for Elementary Teachers	3	EDUC328	EDUC405
EDUC490	Teaching Practicum II	3	EDUC440	

Total		50		
General Education Requirements				
Code	Title	Credits	Prerequisites	Corequisites
ARAB200	Arabic Language and Literature	3		
CSCI200	Introduction to Computers	3	ENGL051	
CULT200	Introduction to Arab - Islamic Civilization	3		
ENGL201	Composition and Research Skills	3	ENGL151	
ENGL251	Communication Skills	3	ENGL201	
Total		15		
General Education Electives				
Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
Total		3		
Major Elective Courses				
Code	Title	Credits	Prerequisites	Corequisites
EDUC305	Educational Theories in Guidance and Counseling	3	EDUC221	
EDUC375	Introduction to Special Education	3	EDUC221	
EDUC423	Teaching Mathematics and General Sciences for Elementary Teachers	3	EDUC328	EDUC405
EDUC460	Role of Play in Child Development	3	EDUC281	
LANG230	Sign Language	3		