

TEMPLATE FOR PROGRAMME DESCRIPTION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME DESCRIPTION

The academic program includes teaching and learning methods and assessment methods for the courses in order to achieve the targeted educational outcomes with the awarded certificate and job qualifications.

1.Teaching institution	University of Mosul/ College of Education for Pure Science
2.University Department /Centre	Department of Biology
3.Programme Title	
4.Title of Final Award	Bachelor
5.Modes of Attendance offered	Annual
6.Accreditation	
7.Other external influences	Training of year four students in schools
8.Date of production/ revision of this Description	December 2021
1.Aim of the program	
A - Preparing qualified students to teach secondary school students.	
B - Preparing students who are familiar with the educational methods of teaching	
C- The graduate students should be familiar with the basic concepts of life sciences	
D- Students are qualified to complete postgraduate studies to supply universities and institutes with teaching staff.	

1.Learning outcomes, Teaching, Learning and assessment methods
A. Understanding and knowledge A1.The student will be able to understand the various subjects of life sciences A2.Preparing biology teachers at levels that keep pace with the up to date development.
B- Subject-specific skills B1- The students acquire the skills of describing biology B2- The students acquire the skills of laboratory analysis
Teaching and Learning Methods
Theoretical and practical lectures, daily assignments, discussions
Assessment methods
Exams, daily assignments, lab reports, graduation projects
C - thinking skills: C1- The student acquires discussion skills C2 - The student will be able to reach conclusions.
D- General and transferable skills (other skills related to employability and personal development) D 1- The ability to work in a multidisciplinary team. D2 - The ability to communicate constructively.
Teaching and learning methods Lectures, practical experiments, homework, discussions
Assessment Methods
Exams, daily homework, discussions, lab reports, graduation projects

11. Programme Structure				
Level / Year	Course or module Code	Course or module Title	Credit Hours	
			Practical	Theoretical
First	EDBI21F101	Biology	2	2
	EDBI21F102	Plant Anatomy	2	2
	EDBI21F103	Cell Biology	2	2
	EDBI21F104	General Chemistry	2	1
	EDBI21F105	Geology	-	1
	EDBI21F107	Computer science	2	1
	EDBI21F106	Education psychology	-	2
	EDBI21F109	Principles of Education	-	2
	EDBI21F108	Arabic language	-	1
	EDBI21F111	English language	-	1
	EDBI21F110	Human rights and Democracy	-	1
Second	EDBI21F203	Histology	2	2
	EDBI21F201	Invertebrates	2	2
	EDBI21F204	Embryology	2	2
	EDBI21F202	Plant taxonomy	2	2
	EDBI21F205	Biochemistry	2	2
	EDBI21F208	Psychology of growth	-	2
	EDBI21F207	Secondary education	-	2
	EDBI21F209	Statistics	1	2
	EDBI21F206	Computers	2	1
	EDBI21F210	English language	-	1

11. Programme Structure				
Level / Year	Course or module Code	Course or module Title	Credit Hours	
			Practical	Theoretical
Third	EDBI21F309	Entomology	2	2
	EDBI21F305	Mycology	2	2
	EDBI21F301	Ecology and Pollution	2	2
	EDBI21F302	Algae	2	2
	EDBI21F304	Genetics	2	2
	EDBI21F303	Chordates	2	2
	EDBI21F306	Teaching methods	-	2
	EDBI21F308	Principles of Scientific Research	-	2
	EDBI21F307	Counseling and psychological health	-	2
EDBI21F310	English language	-	2	
Fourth	EDBI21F403	Plant physiology	2	2
	EDBI21F405	Animal physiology	2	2
	EDBI21F402	Parasitology	2	2
	EDBI21F401	Microbiology	2	2
	EDBI21F407	Immunology	1	2
	EDBI21F404	Elective	-	2
	---	Observation and Application	2	2
	EDBI21F406	Measurement and Assessment	--	2
	----	Project	--	--
12- Planning for personal development				
Teaching training in schools, refer to the department and college library and publish research in the field of specialization				
13. Admission criteria (setting regulations related to college admission)				
Central acceptance by the Ministry of Higher Education and Scientific Research				
14. Key sources of information about the program				
Student's guide to central admission prepared by the Ministry of Higher Education, the website of the department, college Scientific references, and International Informatics Network				

Curriculum Skills Map											
Please tick in the relevant boxes where individual program learning outcomes are being assessed											
				Program learning outcomes							
Year/ Level	Course code	Course Title	Core (C) Title or optn(O)	Knowledge and Understanding		Subject- Specific skills		Thinking skills		General and transferable skills (or) other skills relevant to employability and personal development	
				A1	A2	B1	B2	C1	C2	D1	D2
First	EDBI21F101	Biology	C	*	*	*					
	EDBI21F102	Plant Anatomy	C	*	*	*					
	EDBI21F103	Cell Biology	C	*	*	*					
	EDBI21F104	General Chemistry	C		*						
	EDBI21F105	Geology	C				*				
	EDBI21F107	Computer science	C				*			*	
	EDBI21F106	Education psychology	C					*			*
	EDBI21F109	Principles of Education	C					*			
	EDBI21F108	Arabic language	C		*						*
	EDBI21F111	English language	C		*						*
	EDBI21F110	Human rights and Democracy	C		*			*			*
Second	EDBI21F203	Histology	C	*	*	*					
	EDBI21F201	Invertebrates	C	*	*	*	*				
	EDBI21F204	Embryology	C	*	*	*					
	EDBI21F202	Plant taxonomy	C	*	*	*			*		
	EDBI21F205	Biochemistry	C				*				
	EDBI21F20	Psychology	C		*			*		*	*
	8	y of growth									
	EDBI21F207	Secondary education	C		*			*			
	EDBI21F209	Statistics	C		*						
	EDBI21F206	Computers	C		*						
EDBI21F210	English language	C					*			*	

Curriculum Skills Map

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				Program learning outcomes							
Year/ Level	Course code	Course Title	Core (C) Title or optn (O)	Knowledge and Understanding		Subject-Specific skills		Thinking skills		General and transferable skills (or) other skills relevant to employability and personal development	
				A1	A2	B1	B2	C1	C2	D1	D2
Third	EDBI21F309	Entomology	C	*	*	*					
	EDBI21F305	Mycology	C	*	*	*	*				
	EDBI21F301	Ecology and Pollution	C	*	*				*		
	EDBI21F302	Algae	C	*	*	*					
	EDBI21F304	Genetics	C	*	*		*		*		
	EDBI21F303	Chordates	C	*	*	*			*		
	EDBI21F306	Teaching methods	C	*	*			*			
	EDBI21F308	Principles of Scientific Research	C		*			*		*	*
	EDBI21F307	Counseling and psychological health	C		*			*			
	EDBI21F310	English language	C			*			*		*
	EDBI21F403	Plant physiology	C	*	*		*				
	EDBI21F405	Animal physiology	C	*	*						
	EDBI21F402	Parasitology	C	*	*		*				
	EDBI21F401	Microbiology	C	*	*		*				
	EDBI21F407	Immunology	C	*	*		*				
	EDBI21F404	Elective	O	*	*						
	---	Observation and Application	C		*						*
	EDBI21F406	Measurement and Assessment	C		*						
	----	Project	C	*	*						