

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

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 specification	Jan 2023
9. Aim of the programme	
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.	

10. 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	EDBI23F101	Biology	2	2
	EDBI23F102	Plant Anatomy	2	2
	EDBI23F103	Cell Biology	2	2
	EDBI23F104	General Chemistry	2	1
	EDBI23F105	Geology	-	1
	EDBI23F107	Computer science	2	1
	EDBI23F106	Education psychology	-	2
	EDBI23F109	Principles of Education	-	2
	EDBI23F108	Arabic language	-	1
	EDBI23F111	English language	-	1
	EDBI23F110	Human rights and Democracy	-	1
	EDBI23F112	Laboratory safety	-	1
Second	EDBI23F203	Histology	2	2
	EDBI23F201	Invertebrates	2	2
	EDBI23F204	Embryology	2	2
	EDBI23F202	Plant taxonomy	2	2
	EDBI23F205	Biochemistry	2	2
	EDBI23F208	Psychology of growth	-	2
	EDBI23F207	Secondary education	-	2
	EDBI23F209	Statistics	1	2
	EDBI23F206	Computers	2	1
	EDBI23F210	English language	-	1

11. Programme Structure				
Level / Year	Course or module Code	Course or module Title	Credit Hours	
			Practical	Theoretical
Third	EDBI23F309	Entomology	2	2
	EDBI23F305	Mycology	2	2
	EDBI23F301	Ecology and Pollution	2	2
	EDBI23F302	Algae	2	2
	EDBI23F304	Genetics	2	2
	EDBI23F303	Chordates	2	2
	EDBI23F306	Teaching methods	-	2
	EDBI23F308	Principles of Scientific Research	-	2
	EDBI23F307	Counseling and psychological health	-	2
EDBI23F310	English language	-	2	
Fourth	EDBI23F403	Plant physiology	2	2
	EDBI23F405	Animal physiology	2	2
	EDBI23F402	Parasitology	2	2
	EDBI23F401	Microbiology	2	2
	EDBI23F407	Immunology	1	2
	EDBI23F404	Elective	-	2
	---	Observation and Application	2	2
	EDBI23F406	Measurement and Assessment	--	2
	----	Project	--	--
	EDBI23F408	English Language	-	1

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 programme
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 programme learning outcomes are being assessed

Year/ Level	Course code	Course Title	Core (C) Title or option(O)	Programme learning outcomes								
				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	EDBI23F101	Biology	C	*	*	*						
	EDBI23F102	Plant Anatomy	C	*	*	*						
	EDBI23F103	Cell Biology	C	*	*	*						
	EDBI23F104	General Chemistry	C		*							
	EDBI23F105	Geology	C				*					
	EDBI23F107	Computer science	C				*			*		
	EDBI23F106	Education psychology	C					*				*
	EDBI23F109	Principles of Education	C					*				
	EDBI23F108	Arabic language	C		*							*
	EDBI23F111	English language	C		*							*
	EDBI23F110	Human rights and Democracy	C		*				*			*
	EDBI23F112	Laboratory safety	C					*			*	
Second	EDBI23F203	Histology	C	*	*	*						
	EDBI23F201	Invertebrates	C	*	*	*	*					
	EDBI23F204	Embryology	C	*	*	*						
	EDBI23F202	Plant taxonomy	C	*	*	*				*		
	EDBI23F205	Biochemistry	C				*					
	EDBI23F208	Psychology of growth	C		*			*		*		*
	EDBI23F207	Secondary education	C		*			*				
	EDBI23F209	Statistics	C		*							
	EDBI23F206	Computers	C		*							
	EDBI23F210	English language	C						*			*

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				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	EDBI23F309	Entomology	C	*	*	*						
	EDBI23F305	Mycology	C	*	*	*	*					
	EDBI23F301	Ecology and Pollution	C	*	*				*			
	EDBI23F302	Algae	C	*	*	*						
	EDBI23F304	Genetics	C	*	*		*		*			
	EDBI23F303	Chordates	C	*	*	*			*			
	EDBI23F306	Teaching methods	C	*	*			*				
	EDBI23F308	Principles of Scientific Research	C		*				*		*	*
	EDBI23F307	Counseling and psychological health	C		*				*			
	EDBI23F310	English language	C			*				*		*
Fourth	EDBI23F403	Plant physiology	C	*	*		*					
	EDBI23F405	Animal physiology	C	*	*							
	EDBI23F402	Parasitology	C	*	*		*					
	EDBI23F401	Microbiology	C	*	*		*					
	EDBI23F407	Immunology	C	*	*		*					
	EDBI23F404	Elective	O	*	*							
	---	Observation and Application	C		*							*
	EDBI23F406	Measurement and Assessment	C		*							
	----	Project	C	*	*							
	EDBI23F408	English language	C						*			*