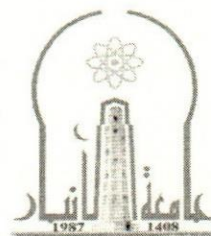


Ministry of Higher Education
and Scientific Research
Supervision and Scientific
Evaluation Apparatus
Quality Assurance and Academic
Accreditation unit
International Accreditation Department



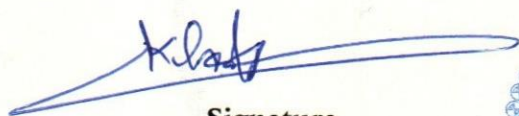
Academic program description form of colleges for the academic year 2021 – 2020

Institution Name: – University of Anbar

College Name: – Basic Education –Haditha

Scientific Department: General Sciences

Date of form filling out: – 25/5/2021



Signature

Head of Department

Assist Prof. Dr. Khaled Dafik Ahmed

25 / 5 / 2021





Signature

Assistant Dean for Scientific Affairs

Assist Prof. Dr. Ahmed Ragab Mohammed

25 / 5 / 2021

This form check by: –

Division of Quality Assurance and University Performance

Director of the Division: Dr. Ali Rabiea Hussein

Date of checking: 25 / 5 / 2021

Signature







Dean's endorsement

Prof. Dr. Modher Abd Ali

25 / 5 / 2021

Academic program description form

Reviewing the performance of higher education institutions ((Academic program review))

This academic program description provides a necessary summary of the most important characteristics of the program and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the available opportunities. It is accompanied by a description of each course within the program.

1. Educational institution	University of Anbar
2. University department /center	College of Basic Education – Haditha /General Sciences
3. Name of the academic program	Basic Education - Haditha / General sciences
4. Name of the final certificate	Bachelor's degree in general sciences
5. Teaching system	Terminal
6. Accreditation program Approved	Theoretical and Practical
7. Other external influences	Teaching in primary schools
8. Description prepared date	2021

9. Objectives of Academic program:

1. Preparing the graduates with high theoretical skills to meet the needs of the educational sector.
2. Providing the graduates with scientific skills in accordance with scientific developments in methodological vocabulary and modern teaching methods to pursue postgraduate studies.

10. Required learning outcomes and teaching, learning and assessment methods

10.1. Knowledge and understanding:

- The student will have the ability to know and understand the principles, theories and basics in general sciences.
- The student will have the ability to understand modern and advanced scientific topics in the field of general science

Methods for assessing knowledge and understanding:

- Monthly and terminally written exams.
- Quizzes.
- Home-works

Teaching and learning methods:

- Daily theoretical lectures.
- Data show.
- Daily exams.
- Monthly exams.
- Graduation projects for final stage students and its discussions.

10.2. Skills related to the topic

The necessity of creating a kind of motivation for the student and discovering his skills through questions and the professor's ability to deliver information

Thinking Skills:

- Using intellectual questions.
- Using the Internet to build and discuss an educational idea.

11. Program structure

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4100	Arabic	2	2			
Sci4101	the computer	2	1		2	
Sci4102	human rights	1	1			
Sci4103	Basics of psychology	3	3			
Sci4104	General biology	4	3		2	
Sci4105	General chemistry	4	3		2	
Sci4106	Logic (mathematics)	2	2			
	Total	18	15		6	

12. Planning for personal development	
13. Acceptance standard (Situation Regulations related to college admission or institute) <ul style="list-style-type: none">• Approving admission conditions for students in accordance with the regulations of the Ministry of Higher Education and Scientific Research (central admission)• He needs a personal interview for the department.• Must be fit for medical examination.• High school average.• The absorptive capacity of the college.	
14. The important sources of information about the program. <ul style="list-style-type: none">• The school's needs.• Local trends of the governorate.• Studies and questionnaires.	

Department requirements: **Credit hours**

**College of Basic Education / Haditha Department of General Sciences /
First Stage**

(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4100	Arabic	2	2			
Sci4101	General chemistry	4	3		2	
Sci4102	Logic (mathematics)	2	2			
Sci4103	Computer	2	1		2	
Sci4104	human rights	1	1			
Sci4105	Basics of psychology	3	3			
Sci4106	General biology	4	3		2	
	Total	18	15		6	

(Vocabulary table for the second semester/ The first stage)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4107	General physics	4	3		2	
Sci4108	Human biology	3	2		2	
Sci4109	Islamic education	2	2		2	
Sci4110	Laboratory security and safety	2	2			
Sci4111	Fundamentals and principles of basic education	3	3			
	English	2	2			
	Total	16	14		6	

Department of General Sciences / Second Stage / Biology Branch
(Vocabulary Table for the First Semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4200	Cytology	3	2		2	
Sci4201	Microbiology	4	3		2	
Sci4202	Virology	2	2			
Sci4203	English	2	2			
Sci4204	Counseling and mental health	3	3			
Sci4205	Arabic	2	2			
Sci4206	Computer	2	1		2	
	Total	18	15		6	

Department of General Sciences / Second Stage / Biology Branch
(Vocabulary Table for the Second Semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4207	Democracy	1	1		.....
Sci4208	Educational statistics	3	3		.....
Sci4209	Educational psychology	2	2		.....
Sci4210	Invertebrate science	3	2		2	
Sci4211	Histology and embryology	3	2		.....
Sci4212	Biochemistry	2	2		.....
Sci4213	Phosphorus is a plant	3	2		.....
	Total	17	14		2	

**College of Basic Education / Haditha Department of General Sciences /
Second Stage / Physics Branch**
(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4214	Arabic	2	2		.....
Sci4215	English	2	2		.....
Sci4216	the computer	2	1		2	
Sci4217	Counseling and mental health	3	3		.....
Sci4218	Wave motion and sound	3	2		2	
Sci4219	Material properties	2	2		.....
Sci4220	Classic mechanics	3	2		2	
	Total	17	14		6	

(Vocabulary table for the second semester/Physics branch)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4221	Democracy	1	1		.....
Sci4222	Educational statistics	3	3		.....
Sci4223	Educational psychology	2	2		.....
Sci4224	Thermodynamics	3	3		2	
Sci4225	Electric and magnetic	4	3		2	
Sci4226	Calculus	2	2		.....
Sci4227	Optical physics	3	2		2	
	Total	18	16		6	

College of Basic Education/Haditha
Department of General Sciences / Second Stage / Chemistry Branch
(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4228	Arabic	2	2		.....
Sci4229	English	2	2		.....
Sci4230	the computer	2	1		2	
Sci4231	Counseling and mental health	3	3		.....
Sci4232	Inorganic chemistry	3	2		2	
Sci4233	Volumetric analytical chemistry	3	2		2	
Sci4234	Physical chemistry	3	2		2	
	Total	18	14		8	

(Vocabulary table for the second semester/Chemistry branch)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4235	Democracy	1	1		.....
Sci4236	Educational statistics	3	3		.....
Sci4237	Educational psychology	2	2		.....
Sci4238	Gravimetric analytical chemistry	3	2		2	
Sci4239	organic chemistry	3	2		2	
Sci4240	Chemistry of represented elements	3	2		2	
Sci4241	Calculus	2	2		.....
	Total	17	14		6	

Department of General Sciences / Third Stage / Biology Branch

(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4300	Arabic	2	2		.....
Sci4301	General teaching methods	3	3		.....
Sci4302	Educational research methodology	3	3		.....
Sci4303	Faslaja is an animal	3	2		2	
Sci4304	Parasitology	3	2		2	
Sci4305	Plant and animal production	4	3		2	
	Total	18	15		6	

Department of General Sciences / Third Stage / Biology Branch

(Vocabulary table for the second semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4306	English	2	2		.....
Sci4307	Measurement and evaluation	2	2		.....
Sci4308	Curricula and textbooks	2	2		.....
Sci4309	Immunology	3	2		2	
Sci4310	world of insects	3	2		2	
Sci4311	Methods of teaching science	2	2		.....
Sci4312	Plant classification	2	2		.....
	Total	16	14		4	

College of Basic Education / Haditha Department of General Sciences / Third Stage / Physics Branch

(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4313	Arabic	2	2		.....
Sci4314	General teaching methods	3	3		.....
Sci4315	Educational research methodology	3	3		.....
Sci4316	Modern physics	4	3		2	
Sci4317	Quantum mechanics	2	2		.....
Sci4318	Astronomy	2	2		.....
	Total	16	15		2	

(Vocabulary table for the second semester/Third stage/ Physics branch)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4319	English	2	2		.....
Sci4320	Measurement and evaluation	2	2		.....
Sci4321	Curricula and textbooks	2	2		.....
Sci4322	Electronics science	3	2		2	
Sci4323	Solid state physics	3	3		.....
Sci4324	Methods of teaching science	2	2		.....
Sci4325	Radioactivity	3	2		2	
	Total	17	15		4	

College of Basic Education / Haditha Department of General Sciences / Third Stage / Chemistry Branch

(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4326	Arabic	2	2		.....
Sci4327	General teaching methods	3	3		.....
Sci4328	Educational research methodology	3	3		.....
Sci4329	Coordination Chemistry	3	2		2	
Sci4330	organic chemistry	3	2		2	
Sci4331	Industrial chemistry	3	2		2	
	Total	17	14		6	

(Vocabulary table for the second semester/Third stage/ Chemistry branch)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4332	English	2	2		.....
Sci4333	Measurement and evaluation	2	2		.....
Sci4334	Curricula and textbooks	2	2		.....
Sci4335	Oil and petrochemicals	3	2		2	
Sci4336	Biochemistry	3	2		2	
Sci4337	Methods of teaching science	2	2		.....
Sci4338	Soil chemistry	3	2		2	
	Total	17	14		6	

College of Basic Education/Haditha

Department of General Sciences / Fourth Stage / Biology Branch

(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4400	Arabic	2	2		.....
Sci4401	English	2	2		.....
Sci4402	Professional ethics	2	2		.....
Sci4403	Educational administration and supervision	2	2		.....
Sci4404	Practical education (watching)	2		4	.....
Sci4405	Algae and fungi	3	2		2	
Sci4406	Genetics	3	2		2	
Sci4407	Serums and vaccines	2	2		.....
Sci4408	Endocrine physiology	2	2		.....
	Total	16	12	4	4	

(Vocabulary table for the second semester/fourth stage/biology branch)

Course Code	Subject	number of units	The number of hours			Grader
			theory	Applied	Laboratory	
Sci4409	Graduation research project	2	2		.....
Sci4410	(Application)	12	12		.....
	Total	14	14			

College of Basic Education/Haditha
Department of General Sciences / Fourth Stage / Physics Branch
(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4411	Arabic	2	2		.....
Sci4412	English	2	2		.....
Sci4413	Professional ethics	2	2		.....
Sci4414	Educational administration and supervision	2	2		.....
Sci4415	Practical education (watching)	2		4	.....
Sci4416	Laser	3	2		2	
Sci4417	Electromagnetism	3	3		.....
Sci4418	Nuclear Physics	2	1		.....
Sci4419	Plasma physics	2	2		.....
	Total	16	12	4	2	

(Vocabulary table for the second semester/fourth stage/physics branch)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4420	Graduation research project	2	2		.....
Sci4421	(Application)	12	12		.....
	Total	14	14			