

Ministry of Higher Education and Scientific Research  
Scientific supervision and evaluation device  
Department of Quality Assurance and Academic Accreditation  
International Accreditation Department

# Academic program description form for colleges for the academic year 2022 - 2023

University Name : Anbar

Name of the College: Basic Education

Scientific Department: General Sciences–Haditha

File filling date: 1/7/2023



  
Signature

Department Head Name:

Prof.assi. Khaled Dafik Ahmed

Date: 1 / 7 /2023

  
Signature

Scientific Associate Name:

Prof.assi. Ahmed Ragab Mohammed

Date: 1 / 7 /2023

Check the file before

Division of Quality Assurance and University Performance

Name of the Director of the Quality Assurance and University Performance

Division: Ahmed Kareem Sameer.

Date : 1 / 7 /2023

Signature





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Date: 1 / 7 / 2023



# Academic program description form

## Reviewing the performance of educational institutions high (Program review academic)

**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 - Hadithia/General Sciences
3. Name of the academic program	Basic Education - Hadithia /general sciences
4. Name of the final certificate	Bachelor's degree in general sciences
5. School system	quarterly
6. Accreditation program	Theoretical and practical
7. Other external influences	Application in primary schools
8. Date the description was prepared	1/7/2023
9. Objectives of the academic program:	
1. Preparing graduates with high theoretical skills to meet the needs of the educational sector.	
2. Providing graduates with scientific skills in accordance with scientific	
3. developments in methodological vocabulary and modern teaching methods to pursue postgraduate studies	

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

### 1.10. 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 quarterly written exams.
- Rapid exams(Quizzes).
- Homework(Homework).

### Teaching and learning methods:

- Daily theoretical lectures.
- What data?
- Daily exams
- Monthly exams
- Graduation projects for final stage students and their discussion.

### 2.10 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:

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

## 11. Program structure

Course Code	Course title	Accredited units	Weekly hours			Grade
			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			
	<b>the total</b>	<b>18</b>	<b>15</b>		<b>6</b>	

## 12.Planning for personal development

## 13.Acceptance standard(situationRegulations related to college admission or institute)

- 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 most important sources of information about the program.

- Market 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	the computer	2	1		2	
Sci4104	human rights	1	1			
Sci4105	Basics of psychology	3	3			
Sci4106	General biology	4	3		2	
	<b>the total</b>	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			
	<b>the total</b>	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	the computer	2	1		2	
	<b>the total</b>	<b>18</b>	<b>15</b>		<b>6</b>	

**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		.....	
	<b>the total</b>	<b>17</b>	<b>14</b>		<b>2</b>	

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

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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	
	<b>the total</b>	<b>17</b>	<b>14</b>		<b>6</b>	

(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	
	<b>the total</b>	<b>18</b>	<b>16</b>		<b>6</b>	

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

(Vocabulary table for the first semester)

Cours	Course title	Accredite	Weekly hours	Grader
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e Code		d units	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	
	<b>the total</b>	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		.....	
	<b>the total</b>	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	
	<b>the total</b>	<b>18</b>	<b>15</b>	<b>6</b>	

### 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		.....	
	<b>the total</b>	<b>16</b>	<b>14</b>		<b>4</b>	

### 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	3	3		.....	

	methods					
Sci4315	Educational research methodology	3	3		.....	
Sci4316	Modern physics	4	3		2	
Sci4317	Quantum mechanics	2	2		.....	
Sci4318	Astronomy	2	2		.....	
	<b>the total</b>	<b>16</b>	<b>15</b>		<b>2</b>	

**(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	
	<b>the total</b>	<b>17</b>	<b>15</b>		<b>4</b>	

**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	
	<b>the total</b>	<b>17</b>	<b>14</b>		<b>6</b>	

**(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	
	<b>the total</b>	<b>17</b>	<b>14</b>		<b>6</b>	

**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	2	2		.....	

	and supervision					
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		.....	
	<b>the total</b>	<b>16</b>	<b>12</b>	<b>4</b>	<b>4</b>	

(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		.....	
	<b>the total</b>	<b>14</b>	<b>14</b>			

**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		.....	
	<b>the total</b>	<b>16</b>	<b>12</b>	<b>4</b>	<b>2</b>	

(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		.....	
	<b>the total</b>	<b>14</b>	<b>14</b>			

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

(Vocabulary table for the first semester)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4422	Arabic	2	2		.....	

Sci4423	English	2	2		.....	
Sci4424	Professional ethics	2	2		.....	
Sci4425	Educational administration and supervision	2	2		.....	
Sci4426	Practical education (watching)	2		4	.....	
Sci4427	Organic diagnosis	3	2		2	
Sci4428	Automated analysis	3	2		2	
Sci4429	clinical Chemistry	2	2		.....	
Sci4430	Chemistry of natural products	2	2		.....	
	<b>the total</b>	<b>20</b>	<b>16</b>	<b>4</b>	<b>4</b>	

(Vocabulary table for the second semester/fourth stage/Chemistry Branch)

Course Code	Course title	Accredited units	Weekly hours			Grader
			theory	Applied	Laboratory	
Sci4431	Graduation research project	2	2		.....	
Sci4432	(application)	12	12		.....	
	<b>the total</b>	<b>14</b>	<b>14</b>			





**Curriculum skills chart**

Please tick the boxes corresponding to the individual learning outcomes from the program being assessed

Learning outcomes required from the programme

Year and level	Course Code	Course Name	Basic / sisterairrigatio n	Knowledge and understanding				Subject-specific skills				thinking skills				General and transferable skills			
				a 1	a 2	a 3	a 4	B 1	B 2	B 3	B 4	C 1	C 2	C 3	C 4	D r 1	Dr 2	Dr 3	Dr 4
Semester/first	Sci410 0	Arabic	Basic																
Semester/first	Sci410 1	the computer	Basic	*					*			*					*		
Semester/first	Sci410 2	human rights	Basic	*					*			*					*		
Semester/first	Sci410 3	Basics of psychology	Basic	*					*			*					*		
Semester/first	Sci410 4	General biology	Basic	*					*			*					*		
Semester/first	Sci410 5	General chemistry	Basic	*					*			*					*		
Semester/first	Sci410 6	Logic (mathematics)	Basic	*					*			*					*		
Semester/first	Sci410 7	the languageEnglish	Basic	*					*			*					*		
Semester/first	Sci410 8	Fundamentals and principles of basic education	Basic	*					*			*					*		
Semester/first	Sci410	Islamic education	Basic	*					*			*					*		



	9																		
Semester/first	Sci4110	General physics	Basic	*					*			*					*		
Semester/first	Sci4111	Human biology	Basic	*					*			*					*		
Semester/first	Sci4112	Laboratory security and safety	Basic	*					*			*					*		
Quarterly/second	Sci4200	cytology	Basic	*					*			*					*		
Quarterly/second	Sci4201	Microbiology	Basic	*					*			*					*		
Quarterly/second	Sci4202	Virology	Basic	*					*			*					*		
Quarterly/second	Sci4203	English	Basic	*					*			*					*		
Quarterly/second	Sci4204	Counseling and mental health	Basic	*					*			*					*		
Quarterly/second	Sci4205	Arabic	Basic	*					*			*					*		
Quarterly/second	Sci4206	the computer	Basic	*					*			*					*		
Quarterly/second	Sci4207	Democracy	Basic	*					*			*					*		
Quarterly/second	Sci4208	Educational statistics	Basic	*					*			*					*		
Quarterly/second	Sci4209	Educational psychology	Basic	*					*			*					*		
Quarterly/second	Sci4210	Invertebrate science	Basic	*					*			*					*		
Quarterly/second	Sci4211	Histology and embryology	Basic	*					*			*					*		
Quarterly/second	Sci421	Biochemistry	Basic	*					*			*					*		

d	2																		
Quarterly/second	Sci421	Phosphorus is a plant	Basic	*					*			*					*		
Quarterly/second	Sci421	Arabic	Basic	*					*			*					*		
Quarterly/second	Sci421	English	Basic	*					*			*					*		
Quarterly/second	Sci421	the computer	Basic	*					*			*					*		
Quarterly/second	Sci421	Counseling and mental health	Basic	*					*			*					*		
Quarterly/second	Sci421	Wave motion and sound	Basic	*					*			*					*		
Quarterly/second	Sci421	Material properties	Basic	*					*			*					*		
Quarterly/second	Sci422	Classic mechanics	Basic	*					*			*					*		
Quarterly/second	Sci422	Democracy	Basic	*					*			*					*		
Quarterly/second	Sci422	Educational statistics	Basic	*					*			*					*		
Quarterly/second	Sci422	Educational psychology	Basic	*					*			*					*		
Quarterly/second	Sci422	Thermodynamics	Basic	*					*			*					*		
Quarterly/second	Sci422	Electric and magnetic	Basic	*					*			*					*		
Quarterly/second	Sci422	Calculus	Basic	*					*			*					*		
Quarterly/second	Sci422	Optical physics	Basic	*					*			*					*		