

**Ministry of Higher Education and Scientific Research
The Supervision and Scientific Evaluation Apparatus
Department of Quality Assurance and Academic Accreditation**

College Academic Program Description Form For The Academic Year 2022–2023

**University: Diyala
College/Institute: Basic Education
Scientific Department: Mathematics
Date of filling out the file: 1/10/2020**

Signature:

**Name of the department head:
Prof. Dr. Iman Kazem Ahmed
Date: 1/10/2020**

Signature:

**Scientific Associate Name:
Prof. Dr. Haider Abdel-Baqi
Date: 1/10/2020**

Check the file before

**Division of Quality Assurance and University Performance
Name of the Director of the Division of Quality Assurance and
University Performance: Dr. Najat Hamdi Abdullah
Date: 1/10/2020
Signature:**

The endorsement of the Dean

Description of the academic program

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

Educational institution	College of Basic Education / Diyala University
department Scientific center /	mathematics
The name of the or academic professional program	Mathematics - Basic Education
The name of the final certificate	Mathematics - Bachelor of Basic Education
: Academic system Annual/courses/others	semester courses
Accreditation Program	Association of Arab Universities
other external influences	- Ministry of Planning - Ministry of Education
The date the description was created	1/10/2020
The student should be familiar with : Objectives of the academic program the following information and have the skills to use it in his life problems	
Preparing university teachers who have the educational skills necessary to teach mathematics	
students' scientific attitudes to enable them to develop their own Developing abilities in their postgraduate studies	
Provide students with the necessary skills to deal with any scientific problem and solve it in a sound scientific manner	
how to innovate and develop teaching aids for use Providing students with in teaching mathematics	
Developing and updating scientific curricula in the field of mathematics and computer	

Cooperating with all departments of the college in the maintenance and development of computers on a regular and continuous basis

Encourage attendance and participation in scientific conferences and seminars in order to learn about the latest developments in teaching methods and develop scientific research in specialization subjects

outcomes and methods of teaching, learning and assessment program

Knowledge and understanding

Mathematics (calculus and integration, the foundations of mathematics, linear and abstract algebra, statistics and probability, analysis, data theory mathematical, numerical and complex Mathematical thinking, methods of teaching mathematics, topology, SPSS, linear programming, databases (Access), Visual Basic, MATLAB) 24 units, with a rate of 80% by

Education, Education and Psychology (pedagogical principles, educational psychology, mental health, educational counseling, research methods, measurement and evaluation, general teaching methods, educational techniques, curricula and textbooks, educational administration and unit and by supervision, scientific education (application) 28 units

General culture (computers, Arabic language, Islamic education, human rights, English language, democracy, environmental and health knowing that the total number of units, or 16 units) with 16 units is

Specific skills-Subject - B

Teaching mathematics to the basic education stage - 1 B

Building appropriate education strategies for the basic education stage - 2 B

Constructing mathematics tests to evaluate the achievement of basic students education - 3 B

Developing their abilities by teaching mathematics for the basic education stage - Developing self - 4 B

Methods of teaching and learning

1. lecture method, discussion, interrogation, exploration, special methods in teaching common concepts) This is what relates to theoretical education

2. The method of cooperative learning and small groups) with regard to the practical side

Evaluation modalities

1- participation semester exams, taking into account attendance and 40%

2- semester exams-of-end 60%

<p>:Thinking skills: Developing thinking skills related to -C</p> <p>Critical thinking - \C</p> <p>creative thinking - \C</p> <p>Communication skills - \C</p> <p>Thinking frameworks for different subjects - \C</p>
<p>learning Methods of teaching and</p>
<p>The common way: integrating the development and teaching of the thinking process within the various academic subjects to the extent that it is related to the subject of educational techniques, so that it is taught directly and .:explicitly</p>
<p>Evaluation modalities</p>
<p>semester exams-of-semester and end-It comes within the mid</p>

<p>other skills related to) qualifying skills and general Transferred -D</p> <p>. (personal development employability and</p> <p>basic education Developing students' skills to teach students in the - \D</p> <p>.stage of mathematics subjects</p> <p>Developing students' capabilities in developing the use of educational - \D</p> <p>.techniques among students in the basic education stage</p> <p>Developing abilities in tests that measure the learned mathematical - \D</p> <p>.ities of basic education studentsabil</p> <p>- \D</p>				
<p>Methods of teaching and learning</p>				
<p>Through the course of general teaching methods, training (individual (application</p>				
<p>Evaluation modalities</p>				
<p>1- Written tests</p> <p>2- Direct observation</p>				
<p>1. Program structure</p>				
<p>Credit hours</p>		<p>The name of the course or course</p>	<p>Course or course code</p>	<p>Education al level</p>
<p>my work</p>	<p>theoretica l</p>			
<p>-</p>	<p>2</p>	<p>human rights</p>	<p>Univ1101</p>	<p>The first</p>