cademic Program Description Form

(Approved based on the twinning agreement with Al-Qadisiyah University – Forensic Evidence Department according to the Bologna -College of Science Track)

University Name: University Warith Al-Anbiyaa (A.S.)

College/Institute: College of Science

Scientific Department: Forensic Evidence Department

Name of the Academic or Professional Program: Bachelor of Science

Name of the Final Degree: Bachelor of Science in Forensic Evidence

Study System: Bologna

Date of Preparing the Description: 10/1/2026

Date of Filling the File: 15/9/2025

Signature:

Name of the Head of the Department: Asst. Prof. Dr. Shaimaa Hussein Noufal

Date: 15/9/2025

The file has been audited by:

Director of the Quality Assurance and University Performance Division

Lecturer Name:Ashraf Hassan Saleh

Date: 18/9/2025

Signature:

Undergraduate Degree Program Catalogue | 2025-2026 |

دليل البرنامج الدراسي

University of Warith Al-Anbiyaa

College of Sciences – Department of Forensic Evidence

Bachelor's Degree in Sciences- Forensic Evidence

أ.م.د. سيماء حسين نوبل
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Department Vision and Mission

The future vision of the Forensic Evidence Department is represented as follows:

1-To be a leading and distinguished academic entity in the specialization of forensic evidence at the level of Iraq.

2-To establish a solid foundation for cooperation in scientific and applied research between the department and security, judicial, medical, and academic institutions at both the local and international levels.

3- To contribute to the development, determination, and preservation of professional and ethical standards for the profession of forensic evidence expert in the fields of forensic evidence, forensic medicine, and forensic laboratory analyses.

Statement of the Mission of the Forensic Evidence Department

The Forensic Evidence Department seeks to prepare qualified scientific cadres that possess theoretical knowledge and practical skills in the fields of forensic evidence, capable of supporting the justice system and serving society through solid academic education, applied scientific research, adherence to professional and ethical values, and keeping pace with modern scientific and technological developments in the sciences of forensic evidence.

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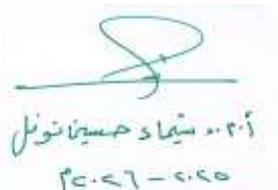
2.Academic Program Specifications

Program code:	MPH	ECTS	240
Duration:	4 levels, 8 Semesters	Method of Attendance:	Full Time

The Bachelor's degree program in Forensic Evidence is designed to prepare scientifically and practically qualified graduates to work in security and judicial institutions, forensic laboratories, and forensic medicine. The program consists of four academic levels extending over eight academic semesters, with 30 credit units per semester according to the (ECTS) system.

The first level focuses on providing students with the scientific and knowledge foundations in general physics, chemistry, biology, mathematics, computer science, and the English language, thereby providing a solid scientific base for understanding the requirements of the specialization.

The second level offers more specialized courses in the principles of forensic sciences, biochemistry, forensic biology, and applied physics, where a gradual transition is made from general concepts to topics directly related to the specialization of forensic evidence.

The third level is a pivotal stage in the program, as students begin in-depth study of the specialization through courses on the crime scene, evidence detection and collection techniques, forensic medicine, forensic toxicology, physical evidence analysis, and DNA, with a focus on practical and laboratory aspects.

The fourth level represents the advanced and practical stage, where students study digital evidence, weapons and forensic tools, advanced forensic analysis techniques, and quality management in forensic laboratories, in addition to the research project, which aims to develop skills in scientific research, data analysis, and writing forensic and academic reports.

The teaching methods vary between theoretical lectures, practical lessons, laboratories, field training, and discussion seminars, while the assessment methods rely on exams, quizzes, projects, practical reports, and presentations. The program contributes to the development of skills in analysis, documentation, and scientific communication, qualifying graduates to serve the justice system and society, as well as to pursue postgraduate studies in forensic sciences.

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Program Objectives

The Bachelor's degree program in Forensic Evidence aims at the following:

1. To support security and judicial institutions, as well as related sectors, with highly trained scientific and technical personnel specialized in the fields of forensic evidence, possessing a solid knowledge background in the basic and applied sciences related to criminal investigation.

2.To graduate personnel capable of efficiently handling advanced levels of study and scientific research in the fields of forensic evidence and related forensic sciences.

3.To prepare students capable of working as active and cooperative members within criminal investigation teams, forensic medicine, and forensic laboratories, with the ability to adapt to various professional and field conditions.

4.To provide society with qualified personnel who possess high ethical and professional responsibility, the ability to compete in the labor market, and self-reliance, in addition to having effective communication skills and the ability to write forensic reports.

Student Learning Outcomes

First: Scientific Knowledge, which includes familiarity with the following:

1. The basic principles of forensic sciences, including the structure and functions of the human body systems related to forensic medicine, injury diagnosis, and determination of causes of death.
2. The scientific foundations of the techniques used in forensic evidence detection, including the physical and chemical principles of forensic analysis, and methods of measurement and laboratory examination.
3. Practices and procedures for occupational and laboratory safety in forensic laboratories and crime scenes, including the safe handling of chemical, biological, and hazardous evidence.
4. The operational mechanisms of principles, systems, and procedures used in modern techniques and devices for collecting and analyzing forensic evidence, and linking their results to the course of criminal investigations.

Second: Skills

The graduate of the Forensic Evidence program will be proficient in the following:

1. To carry out the required criminal and laboratory procedures efficiently and professionally, whether at crime scenes or in forensic laboratories.

2. To design and complete independent research projects in the field of forensic evidence and forensic sciences according to established scientific principles.

3. To communicate effectively, both orally and in writing, with colleagues, faculty members, judicial and security authorities, specialized scientific journals, and research funding bodies.

4. To retrieve, manage, and utilize information in solving problems related to criminal investigations or in applying field and laboratory procedures.

5. To demonstrate quantitative scientific skills, such as the ability to accurately and methodically analyze forensic, biological, and chemical data, and to use the results to support professional decisions.

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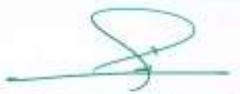
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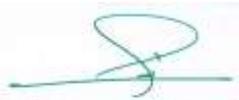
Credits, Grades, and Cumulative GPA

The University of Warith Al-Anbiya follows the Bologna Process with the European Credit Transfer System (ECTS). The total number of credits for the study program is 240 ECTS, with 30 ECTS per semester. One European Credit (1 ECTS) is equivalent to approximately 25 hours of student workload, including both organized and unorganized study hours.

Assessment and Grades

Before conducting the evaluation, the results are divided into two subgroups: Pass and Fail. Accordingly, the results are independent of students who have failed any course. The grading system is determined as follows

GRADING SCHEME مخطط الدرجات				
Group	**Grade**	التقدير	**Marks (%)**	**Definition**
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيدجدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	مقبولبقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				

NB Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

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Calculation of Cumulative GPA (GPA)

The cumulative GPA is calculated by multiplying the grade of each course by its credit units (ECTS), summing the results, and then dividing by the total number of credits in the study program.
The cumulative GPA (GPA) for a four-year Bachelor's degree is:

GPA = [(1st module score x ECTS) + (2nd module score x ECTS) + ……] / 240

Study Subjects

First Semester (30 Credits)

المعهده / المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	7	97	78	General Biology	FOR11001
-	C	7	96	79	Principles of Forensic Science	FOR11002
-	C	6	87	63	General physics	FOR11003
-	C	6	87	63	General chemistry	FOR11004
-	S	2	17	33	Democracy and Human Rights	QU04
_	S	2	17	33	Arabic Language I	QU06

second Semester (30 Credits)

المعهده / المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	7	97	78	Forensic Science Techniques	FOR12005
-	C	7	97	78	Genetics	FOR12006
-	C	6	87	63	Organic Chemistry	FOR12007
-	B	5	92	63	Criminal Law	FOR12008
-	B	3	12	33	Computer I	QU04
-	S	2	23	33	English Language I	QU01

Third Semester (30 Credits)

المعهده / المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	6	78	97	Histology	FOR23009
-	C	6	78	72	Biochemistry	FOR23010
-	C	7	63	112	Instrumental Analysis	FOR23011
-	C	7	63	87	Criminal Investigation	FOR23012
-	C	2	33	24	Crimes of Baath Regime in Iraq	FOR23013
-	B	2	33	17	English Language II	QU21

fourth Semester (30 Credits)

المهده / المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	6	72	78	Hematology	FOR24020
-	C	7	97	78	Crime Scene analysis	FOR24121
-	C	6	87	63	Biosafty	FOR24022
-	C	6	87	63	Forensic Techniology	FOR24023
-	s	3	12	63	Computer II	QU24
-	s	2	17	33	Arabic language II	QU26

Fifth Semester (30 Credits

المهده / المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	6	72	78	Forensic Photography and Documention	FOR35024
-	C	6	72	78	Forensic DNA analysis and fingerprints	FOR35025
-	C	6	87	63	Forensic Anthropology	FOR35026
-	C	5	62	63	Penal code	FOR35027
-	C	5	92	33	Criminal Psychology	FOR35028
	S	2	17	33	Statistics	FOR35029

sixth Semester (30 Credits)

المهده/ المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	6	72	78	Toxicology and drugs	FOR36030
-	C	6	72	78	Fire and Explosion Investigation	FOR36031
-	C	6	87	63	Crime Scene Reconstruction	FOR36032
-	S	2	17	33	Research Methodology	FOR36033
-	C	5	92	33	Ethics	FOR36034
-	C	5	61	63	Digital and Cyber Forensic	FOR36035

Seventh Semester (30 Credits)

المممهده/المكملة	Module Type	Unit	Unstructured	Structured	Module Name	Module Code
-	C	6	72	78	Forensic examination and writing technical criminal reports	FOR47036
-	E	6	72	78	Elective 1	FOR47037
-	C	5	62	63	Questioned Docments and Handwriting	FOR47038
-	C	5	62	63	Forensic Ballistics and firearms identification	FOR47039
-	E	5	62	63	Elective 2	FOR47040
-	C	3	42	33	Research Project	FOR47041

Eighth Semester (30 Credits)

المممهده / المكملة	Module Type	الوحدة	Unstructured	Structured	Module Name	Module Code
-	C	6	86	78	Finger printing Science	FOR48042
-	E	6	86	78	Elective 3	FOR48043
-	C	5	61	63	Forensic Audio and Video Analysis	FOR48044
-	E	5	61	63	Elective 4	FOR48045
-	C	5	61	63	Courtroom Testimony and expert reporting	FOR48046
-	C	3	43	33	Research Project	FOR48047

Communication

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Note: This template was prepared and submitted by the Directorate of Quality Assurance at the Ministry of Higher Education and Scientific Research.

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