

Al-Farahidi University



*First Cycle – bachelor's degree (B.Sc.) –
forensic evidence department*



Table of Contents

1. Overview
2. Undergraduate Modules 2023-2024
3. Contact

1. Overview

Our vision is to inspire new forensic scientists to search for the truth through science and shape the future of the field using new knowledge and innovation. This catalogue is about the courses (modules) given by the program of forensic sciences to gain the Bachelor of Science degree. The program delivers (46) Modules with (6000) total student workload hours and 240 total ECTS. The module delivery is based on the Bologna Process.

نظرة عامة

2. Undergraduate Courses 2023-2024

Module 1

Code	Course/Module Title	ECTS	Semester
FOR1101	Biology 1	7	1
Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
2	2	94	81
Description			
<p>This module gives students an understanding of the science and techniques that underpin forensic biology. Topics covered will include the identification of biological fluids, the analysis of the human genome in forensic biology, bloodstain pattern analysis and forensic anthropology. Material covered in lectures will be illustrated through lab work. Highlight in most theories that deal with the biology system for life.</p> <p>Our aim is to provide students with opportunities to develop academically, professionally, and personally: to broaden their ambitions, extend their attitudes, challenge their assumptions, and assist towards unlocking their potential to succeed in their studies and future lives.</p>			

Module 2

Code	Course/Module Title	ECTS	Semester
FOR1102	Chemistry	7	1
Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
2	2	94	81
Description			

To develop skills and understanding of different types of elements through the application of techniques. To understand metals, physical and chemical properties. This course deals with the basic concept of general chemistry. understand periodic table and distribution elements on it. To describe the learning activities of the students and the teaching methods of the staff. Effective module design should result in a varied range of active learning experiences for students, including learning activities which are 'research-like'. Activities should, of course, motivate and encourage deep learning (reflection on wider meanings, rather than superficial memorization of information). They should also be varied and flexible enough to accommodate different learning styles and orientations and allow for inclusivity of students from different backgrounds and with different kinds of learning abilities. Learning activities therefore need to include reference to independent, interdependent (peer- supported) and online activities, as well as participation in different kinds of taught class.

Module 3

Code	Course/Module Title	ECTS	Semester
FOR1103	Mathematical	4	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	1	48	52
Description			
A mathematical course can help students develop skills such as reasoning, analysis, abstraction, and problem-solving, which are useful for many fields and careers. A mathematical course can also expose students to the beauty and elegance of mathematics, as well as its connections to other disciplines such as physics, biology, computer science, and economics			

Module 4

Code	Course/Module Title	ECTS	Semester
FOR1104	Languages	3	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	1	33	42
Description			
اللغة العربية هي لغة سامية تنتشر في العالم الإسلامي وفي بعض المناطق الأخرى. هي لغة مقدسة للمسلمين ولغة شعائرية لبعض الكنائس المسيحية. هي أيضاً لغة علمية وأدبية وسياسية في العصور القديمة والحديثة. تتكون من ثمانية حروف مكتوبة، وتستخدم نظاماً صوتياً مختلفاً عن غيرها من اللغات.			

Module 5

Code	Course/Module Title	ECTS	Semester
FOR1106	Principles of forensic science	4	1

Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
2	1	78	47
Description			
<p>Forensic Science is basically the application of science to law. Forensic science is used to investigate criminal cases involving a victim, such as assault, robbery, kidnapping; rape, murder, and civil cases such as forgeries, fraud, or negligence. Show understanding of the role of physical forensic methods in forensic practice. Demonstrate knowledge of the primary evidence types, their transfer and persistence. Demonstrate an understanding of emerging developments in forensic science. Consider a broad range of forensic techniques to determine the examination strategy, sequencing, and probative value.</p>			

Module 6

Code	Course/Module Title	ECTS	Semester
FOR1105	Fundamental of Computer Science	4	1
Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
2	4	64	36
Description			
<p>The computer course includes, on the theoretical side, the basics of computers, as well as a brief historical summary of the development and generations of computers. It also covers different computer types. There is a detailed explanation of computer components (hardware and software), along with an introduction to number systems (decimal and binary) from the student's perspective. Furthermore, the course provides a manual for operating MATLAB, presenting its code capabilities required for general programming.</p>			

Contact

Program Manager:

Auday Khudaier Azawy | Ph.D. in physics | Lecturer.

Email: azawy1974@mail.ru

Mobile no: +9647715521151

Program Coordinator:

Abdullah Mohammed Hamad | MS.D. in Computer | Lecturer.

Email: hyik72@gmail.com

Mobile no: +9647714710842