

BACHELOR'S DEGREE PROGRAM

BIOMEDICAL INFORMATICS ENGINEERING

ABOUT THE PROGRAM

The Bachelor in Biomedical Informatics Engineering at Yarmouk University (est. 2007) is ABET-accredited and combines computer science, biomedical engineering, and healthcare. The curriculum covers medical informatics, bioinformatics, data analytics, and health IT, with a graduation project and four-month field training. Hands-on experience is gained in hospitals, labs, or health tech companies. Graduates are prepared for careers in digital health, data analysis, and advanced studies.

CAREER OPPORTUNITIES

- Hospitals and healthcare institutions
- Health informatics and electronic health record
- Biomedical and clinical research organizations
- Bioinformatics firms and pharmaceutical companies
- Public health and epidemiological agencies
- Biomedical Informatics Engineer
- Health Information Systems Developer
- Clinical Data Analyst
- Bioinformatics Specialist
- Medical Software Engineer



Engineering
Accreditation
Commission

TUITION FEES (Per Credit Hour)

- Regular 45 JOD
- Parallel 75 JOD
- International 75 JOD



LABORATORIES

**PROGRAMMABLE
CIRCUITS &
MICROCONTROLLERS**

**BIOMEDICAL
INSTRUMENTATION
AND TRANSDUCERS**

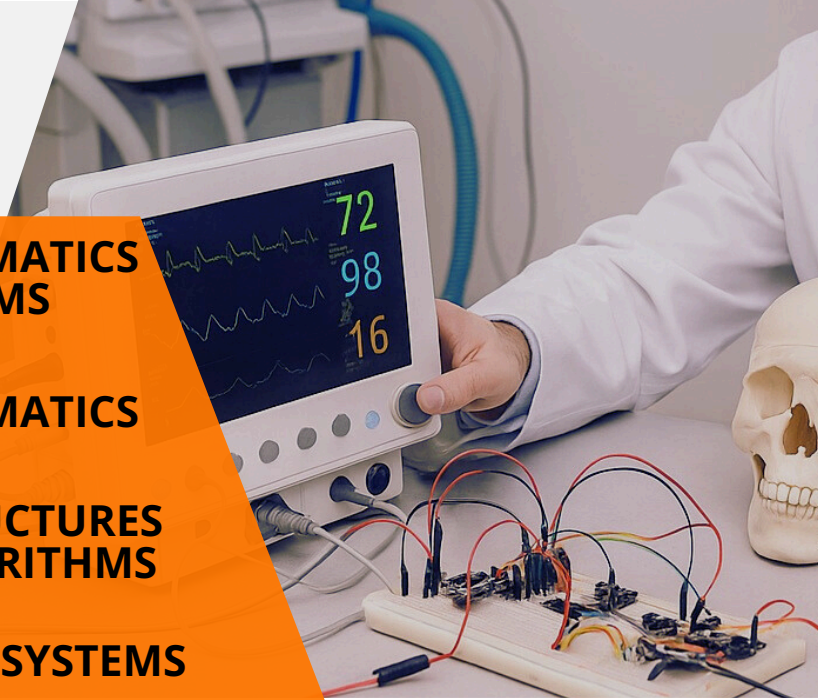
**COMPUTER
APPLICATIONS ON
BIOMEDICAL
INFORMATICS**

**BIOINFORMATICS
ALGORITHMS**

BIOINFORMATICS

**DATA STRUCTURES
AND ALGORITHMS**

**DATABASE SYSTEMS
DESIGN**



STUDY PLAN

The Bachelor in Biomedical Informatics Engineering program includes 167 credit hours covering medical informatics, bioinformatics, data analytics, and machine learning. It combines theoretical study with hands-on labs in programming, medical imaging, and health IT. Four career development courses enhance professional and communication skills. Students complete a two-term graduation project and a mandatory four-month field training in healthcare or tech settings. Certifications can waive one elective, and language courses support global opportunities. The curriculum prepares graduates for careers at the intersection of healthcare and information technology.

LOCATION



 **HIJAWI FACULTY FOR ENGINEERING TECHNOLOGY**

CONTACT US

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Informatics Engineering*

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