



MASTER'S DEGREE PROGRAM

BIOMEDICAL SYSTEMS AND INFORMATICS ENGINEERING

ABOUT THE PROGRAM

The Master in Biomedical Systems and Informatics Engineering at Yarmouk University, established in 2023, trains professionals in advanced biomedical engineering for research and industry. The curriculum covers biomedical systems, informatics, AI, machine learning, and medical device design. It offers two tracks: a thesis track for research-focused students and a non-thesis track for practical expertise. The program accepts diverse backgrounds and is the only graduate program in Jordan combining biomedical systems with informatics. Graduates gain skills to excel in academia, healthcare, and industry.

CAREER OPPORTUNITIES

- Hospitals and healthcare institutions
- Medical device and health technology companies
- Biomedical research and development centers
- Health informatics and digital health companies
- Pharmaceutical and biotech industries
- Academic and clinical research institutions
- Governmental and regulatory agencies
- Biomedical Informatics Specialist
- Clinical Systems Engineer
- Medical Device Development Engineer

TUITION FEES (Per Credit Hour)

- Jordanian 120 JOD
- International 300 USD



ADMISSION REQUIREMENTS

Bachelor's Degree

In Biomedical Engineering, Computer Engineering, Electrical Engineering, Electronics and Communications Engineering, Chemical Engineering, Pharmacy, Medical Physics, Life Sciences, Computer Science, or any related field

Language Proficiency

Through a valid TOEFL or IELTS score, in accordance with university regulations

Academic Competence



STUDY PLAN

The Master in Biomedical Systems and Informatics Engineering is a 34-credit program completed in two years, focusing on biomedical systems, health informatics, and medical technologies. Core courses cover computational biology, biomaterials, biosignal processing, and machine learning. Students can choose electives like medical imaging and embedded systems to tailor their studies. The program offers a thesis track for research and a non-thesis track with additional coursework and exams. It emphasizes interdisciplinary learning and practical skills. Graduates are prepared to innovate in medical technology and healthcare systems.

LOCATION



 **HIJAWI FACULTY FOR ENGINEERING TECHNOLOGY**

CONTACT US

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