Faculty of Information Technology

Department of Computer Science

Computer Science Degree

MEU جامعة الشرق الأوسط MIDDLE EAST UNIVERSITY Amman - Jordan

MEU جامعة الشرق الأوسط MIDDLE EAST UNIVERSITY كلية تكنولوجيا المعلومات

First Year

First Semester

- Programming Fundamentals 0411201
- Lab Programming Fundamentals 0411202
- **Mathematics 1 0161701**
- **Physics 1 0161801**
- **Lab Physics 1 0161802**
- Discrete Mathematics 0431101
- **University Requirements**

Second Semester

- Object-Oriented Programming (C++) 0411203
- Lab Object-Oriented Programming (C++) 0411204
- **Chemistry 0161901**
- Digital Logic 0411301
- **University Requirements**
- **University Requirements**

32 Hour

Second Year

First Semester

- Object-Oriented Programming (java) 0412201
- Data Structures 0432101
- System Analysis and Design 0412401
- Computer Architecture 0412301
- **Probability and statistics 0162702**
- Professional Ethics 0432501

Second Semester

- Fundamentals of Artificial Intelligence **0432401**
- Algorithm Design and Analysis 0432102
- **Linear Algebra 0162703**
- Computer Design and Organization 0432301
- Data Science 0432402
- **University Requirements**

34 Hour

Third Year

First Semester

- Visual Programming 0413203
- Lab Visual Programming 0413204
- Operating Systems 0433301
- Lab Operating Systems 0433302
- **Theory of Computation 0413101**
- Computer Networks 0413401
- Computer Graphics 0413402
- **University Requirements**

Second Semester

- Web Applications 0413201
- Lab Web Applications 0413202
- Database Systems 0413403
- Database Systems 0413404
- Internet of Things 0433406
- Principles of Software Engineering 0413406
- Computer and Network Security 0413405
- Optional Requirements

36 Hour

Fourth Year

First Semester

- *Graduation Project (1) 0414501
- Smartphone Programming 0414201
- Smartphone Programming Lab 0414202
- Distributed Systems 0414301
- Wireless Networks 0414401
- Optional Requirements
- **University Requirements**

Second Semester

- * Graduation Project (2) 0414502
- *Field Training 0414503
- Project Management 0414405
- Optional Requirements
- **University Requirements**
- **University Requirements**

30 Hour

*Field Training - Pass 90 Hour
*Graduation Project (1) - Pass 90 Hour
*Graduation Project (2) - Pass 90 Hour

- Faculty Requirements
- Ancillary Requirements
- Area of Study Requirements
- **University Requirements**
- Optional Requirement