3 Software Engineering

Software engineering is a relatively recent discipline in the field of information technology. It studies the life cycle of developing and building software systems according to **modern methodologies and accurately**, including system needs analysis, design, software testing and quality assurance, and software project management.

In order to be successful in this major, you must be creative and innovative, skilled in analysis and design, deductive and interested in minute details, have the skill of thinking and constructive thinking, cooperative and loving to work within the same team, and always ready to learn new techniques.

Available job opportunities

Software Engineer, Software Designer and Developer, Information Systems Analyst, Information Security Specialist, Software Quality Assurance Specialist, Software Testing and Development Specialist, Database Administrator, Computer Instructor, and Computer Lab Supervisor.

4 computer information systems

This program aims to introduce the basic sciences related to information technology clearly to the students, and to provide him with the knowledge and skills necessary to analyze, design, develop, operate and manage information systems effectively and efficiently, in addition to providing an educational research environment that stimulates excellence, creativity and innovation in the field of computer information systems.

In order to be successful in this major, you must have good knowledge in basic sciences, mathematics, information technology, the ability to develop software using one of the modern programming languages, and a deep understanding of various computer data.

Available job opportunities

Database developer, web application developer, data engineer, information systems manager, security analyst, information security specialist, website designer and developer.

كلية تكنولوجيا المعلومات

جامعة الحسين بن طلال
AL HUSSEIN BIN TALAL UNIVERSITY

Information Technology Collage

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Information Technology Collage

The administration of Al-Hussein Bin Talal University believes in keeping pace with the accelerating scientific and technological development, and in response to the need and requirements of the labor market for qualified cadres in the field of computer science and modern technology.

The college contains laboratories equipped with the latest hardware and software technologies and educational aids that meet the needs of the college students and the academic programs it offers, in addition to classrooms that are also equipped with modern educational aids. The college always seeks to update and develop these means.

The College of Information Technology offers 4 distinct programs for undergraduate students, which are as follows:

1 Data Science And Artificial Intelligence

The Bachelor's Program in Data Science and Artificial Intelligence was introduced at the university in the first semester of the academic year 2021/2022, aiming to provide the student with basic and advanced knowledge and concepts in this field, and to qualify the student to deal with and analyze big data, and elicit knowledge from it, which helps in taking Accurate decisions.

To be successful in this major, you must possess a set of skills, including analysis skills, critical and logical thinking skills, self-learning, problem-solving skills, decision-making skills, good programming skill, and very high communication skills.

Available job opportunities

AI Expert, Robotics Engineer, AI Systems Designer, Data Engineer, Data Scientist, Data Analyst, Software designer and developer, software engineer, machine learning, computer teacher.

2 Computer Science

This program aims to prepare distinguished cadres in computer science capable of designing and developing software according to the requirements of the labor market and community service. The student studies the basics of computer science, such as programming languages, database systems, compilers, data structure, and various software design.

To be successful in this major, you must possess analytical skills, critical thinking skills, problem-solving and decision making skills, teamwork skills, and good communication skills.

Available job opportunities

Computer programmer, electronic game programmer, systems analyst, operator and system developer, computer network administrator, database administrator, web page developer, data entry, game designer and developer, software designer.