

IS CAREER PATHS - WHAT CAN I DO WITH THIS DEGREE?

The Information Systems (IS) program teaches you how to leverage technology to solve business problems. Technology is used in every industry and position today. The following categories are the general areas our IS students chose for their dream career path but with IS, opportunities are limitless!

DEVELOPMENT – MISM TRACK

Software developers assist in software development activities on current projects. Including development tasks in various programming languages, unit testing, debugging, and correcting defects in code, meetings with project team members and customers, reporting on current activities, working with databases, and issue tracking systems, and working in both individual and paired programming assignments.

Web/App developers create and refine web site and mobile application user interfaces using web technologies such as CSS, HTML, jQuery and other programming languages. They are responsible for designing, coding, and modifying websites and apps, according to client specifications. They strive to create visually appealing sites and apps that feature user-friendly design and clear navigation.

Quality assurance Employees test software projects using a variety of software programming languages, develop and maintain test documentation, create and perform test cases, and collect basic quality metrics.

User Experience (UX) and User Interface (UI) designers are primarily concerned with how the product feels. The broad responsibility of a UX designer is to ensure that the product logically flows from one-step to the next.

BUSINESS ANALYTICS/INTELLIGENCE – MISM TRACK

Business Analytics goes beyond simple data collection. Through skillful analysis, this in-demand discipline provides professionals with an overall view of an organization's standing, answering vital questions about financial gains and losses, areas for improvement and product performance.

Data architects are concerned with designing, creating, deploying and managing an organization's data architecture. They define how the data will be stored, consumed, integrated and managed by different data entities and IT systems, as well as any applications using or processing the data in some way

SECURITY – MISM TRACK

Security professionals monitor intrusion detection systems, analyze log data for suspicious activity, investigate and research emerging security threats, and evaluate system vulnerabilities. Protecting information security systems today takes advanced training; candidates for sought-after positions must possess up-to date knowledge and sharp skills.

Risk Assurance employees analyze a company's systems to assure that they are following national regulations and security guidelines. They work with Audit professionals to create trust and confidence in financial reporting and internal control within an organization, and assess risks and controls related to business imperative

MANAGEMENT

Project Managers oversee the planning, implementation, and tracking of a specific short-term project that has a beginning, an end and specified deliverables. PMs interacts with customers, engineers, team leads, and other team members throughout the completion the project.

Program/product managers oversee several related projects with the intention of improving an organization's performance or product at all stages of the product lifecycle.

CONSULTING

Consultants work with organizations and clients to solve business problems. Day to day activities can consist of auditing business processes, evaluating potential solutions, and working with a Client to build a software solution that solves the problem.

INFORMATION TECHNOLOGY

Information Technology is the handling of system infrastructure & hardware for an organization. Since this so closely related to Information Systems, students often find themselves drawn to these roles.

OTHER

Many students take the skills they develop in the IS program to other areas of work they are passionate about. Student have found opportunities to use technology to find innovative solutions for companies not in the technology industry, such as family businesses or their own start-ups.

