

Possible Employment Opportunities*

- Application developer ◀
- Systems analyst ◀
- Software quality control analyst ◀
- Software developer ◀
- Technical consultant ◀
- Application Integration Engineer ◀
- Database analyst ◀
- Network Support Specialist ◀
- Database administrator ◀
- Webmaster ◀
- Information systems manager ◀

*Estos ejemplos intentan servir como una guía general. Hay muchos factores que determinan qué ocupación un individuo puede alcanzar y NUC University no puede garantizar a sus egresados algún puesto de trabajo específico. Algunas posiciones podrían requerir licencia u otras certificaciones. Le exhortamos a investigar los requisitos para el empleo al que aspira y sus metas profesionales.

BACHELOR'S DEGREE IN INFORMATION TECHNOLOGY WITH MAJOR IN SOFTWARE ANALYST AND DEVELOPMENT

The Bachelor's Degree in Information Technology with major in Software Analysis and Development prepares students with the necessary knowledge and skills for the application of methodologies for software development to help solve problems within companies. This degree will also enable students to create applications using various programming languages with an additional focus on systems development, databases, and web technology.



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BACHELOR'S DEGREE IN

INFORMATION TECHNOLOGY WITH MAJOR IN SOFTWARE ANALYST AND DEVELOPMENT

Program Competencies

- Communicate effectively orally and in writing in Spanish and English developing creativity and sensitivity towards assertive communication.
- Critically analyze the economic, sociological, ethical and political problems of the contemporary world to contribute to society and improve the quality of life.
- Develop skills related to accessing and processing information as well as managing application programs, such as: word processing, spreadsheets and databases.
- Install and configure physical and logical components of computers, as well as their diagnosis and maintenance.
- Analyze, design and develop applications for various platforms (web and desktop), responding to the needs of users and in compliance with ethical values.
- Install, configure, manage and audit networks to support communication systems in companies.
- Design and manage relational databases using structured languages for effective information management.

Program Availability

- South Florida

Distribution

- 45 credits - general courses
- 49 credits - core courses
- 22 credits - concentration courses
- 4 credits - elective courses
- 120 credits - total credits

Outstanding Courses

- Software Testing and Quality Control
- Software Development for Mobile Devices
- Advanced Web Application Programming
- Introduction to Electronic Commerce and Laboratory
- Database and Laboratory Management



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