Bachelor of Science in Software Engineering



KEISER UNIVERSITY



Undergraduate Programs

Latin American Campus

Bachelor's Degrees and Engineering Programs

San Marcos (In English):

- Business Administration
  - Concentrations: Management, Marketing, Finance, and International Business
- Management Information Systems
- Software Engineering
- Psychology
- Global Affairs and International Relations
- Integrated Marketing Communications
- Interdisciplinary Studies

Managua (In Spanish):

- Integrated Marketing Communications
- Psychology

2-Year Programs

- Business Administration
- Graphic Arts and Design

Online Education

More than 50 online programs offered by the Latin American Campus and our online platform from Keiser University in the United States.

Benefits

- American Degree
- Prestigious Faculty
- Residential Campus in San Marcos
- Successful Graduates
- Safe and Multicultural Environment

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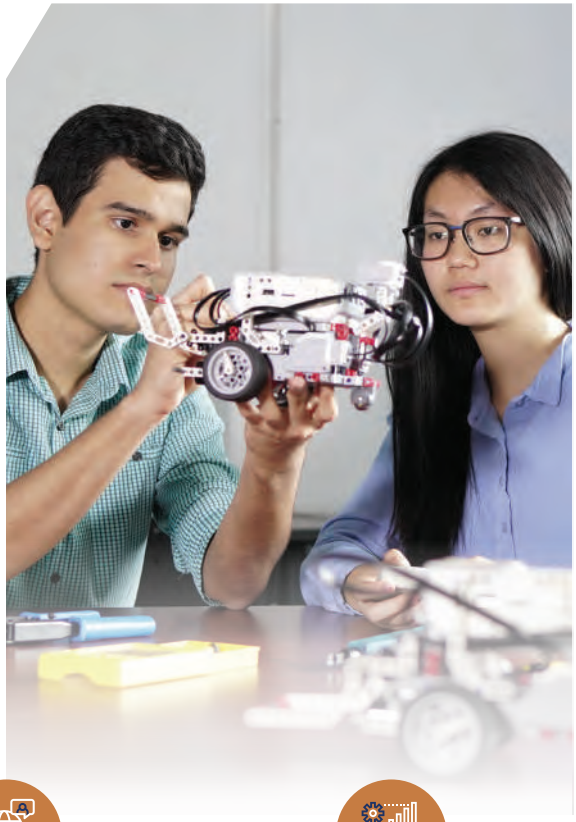
Bachelor of Science in

Software Engineering

This program promotes innovation through the flexibility of software engineering as a business-oriented discipline focused on problem-solving.

Graduates will develop:

- Strong knowledge of large-scale software project management, technical and analytical skills, and software development using modern technologies in a global business environment.
- Students will be trained in programming, analysis, and development of software applications and databases.



Program Goals

Provide students with comprehensive knowledge in software engineering, its processes, and techniques.

Deliver theoretical and formal foundations to ensure accuracy throughout the software development lifecycle.

Train students in the validation and verification of software artifacts.

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Core Course Requirements

BASIC COURSES:
- Java Programming I
- Principles of Information Security
- Python Programming
- C# Programming
- Network Fundamentals
- Introduction to Algorithms
- Software Engineering I
- Multiuser Operating Systems
- Computer Architecture

ADVANCED COURSES:
- Operating Systems
- Theory of Computation
- Software Engineering II
- Software Testing
- Database Management Systems
- Compiler Construction
- Data Processing Concepts
- Project Management
- Cloud Computing
- Software Architecture

GENERAL EDUCATION REQUIREMENTS:

UPPER DIVISION GENERAL EDUCATION COURSES:
- Intermediate Statistics
- Professional Writing
- Management Information Systems

LOWER DIVISION GENERAL EDUCATION COURSES:
- Introduction to Computer Science
- Oral Communication
- American History Since 1876
- Introduction to Philosophy
- Introduction to Psychology
- English Composition I
- English Composition II
- College Algebra
- Statistics

(*) Some courses are subject to change based on Keiser University's internal policies.







Admission Requirements:

- Completed application form.
- Original high school transcripts for the last two years.
- Copy of high school graduation diploma.
- Logic test: Wonderlic.
- Copy of identification.
- Full-face photograph.

Steps to enroll at Keiser University:

1. Complete the admission application form and pay the $50 USD non-refundable application fee.
2. Submit all admission documents.
3. Complete the Financial Aid Package Application form with all required supporting documentation (if applicable).
4. Take the English and Math placement tests (required for English-language programs).
5. Accept and sign the payment plan.
6. Submit the dormitory application and reservation fee (required for San Marcos campus).
7. Pay the first installment or the full semester tuition to receive a 5% discount.
8. Register for classes.
9. Attend classes.

KEISER
UNIVERSITY

Contact Us!

Admissions Office – Nicaragua
UNO Gas Station, two blocks south, San Marcos, Carazo
Phone: (505) 2535-2314 / 2278-6911