Bachelor of Science in

Artificial Intelligence





Undergraduate Programs

Latin American Campus

Bachelor's Degrees and Engineering Programs

San Marcos (In English):

- Business Administration
  - Concentrations: Management, Marketing, Finance, and International Business
- Artificial Intelligence
- 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



Bachelor of Science in Artificial Intelligence

Program Overview

This program equips students with the knowledge and hands-on experience needed to meet the growing demand for AI professionals. The program emphasizes practical application of AI concepts such as natural language processing, voice recognition, simulated thinking, decision behaviors, and deep learning using big data. Students gain the ability to analyze complex scenarios, make data-driven decisions, and apply ethical and methodological standards across diverse industries. The curriculum integrates both theoretical and applied AI fundamentals, including programming in Python and the use of advanced computing platforms, to prepare graduates for the study, development, and deployment of AI solutions in real-world contexts.

Program Goals

Students will demonstrate critical thinking and problem-solving skills by analyzing complex situations, making informed decisions, and drawing meaningful conclusions from data and experience.

Students will be able to identify and apply suitable tools, algorithms, methods, and ethical standards to effectively complete projects in emerging technologies.

Students will acquire and apply practical knowledge and skills necessary for careers in artificial intelligence, including natural language processing, voice recognition, machine learning, and deep learning.



Courses:*

Core Course Requirements:

Basic Courses:
- Java Programming I
- Principles of Information Security
- Python Programming
- Discrete Mathematics and Probability
- Essentials of Networking
- Data Structures & Algorithms
- Artificial Intelligence I
- Multiuser Operating Systems
- Web Development I
- Concepts of AI Programming
- Intro to Machine Learning

Advanced Courses:
- Advanced Courses:
- Artificial Intelligence Capstone
- Theory of Computation
- Artificial Intelligence II
- Deep Learning
- Data Mining and Warehousing
- Legal and Social Issues in Computing
- Neural Networks
- Non-Relational Data Stores
- Compiler Construction
- Natural Language Processing
- Cloud and Internet Computing

Upper Division Concentration

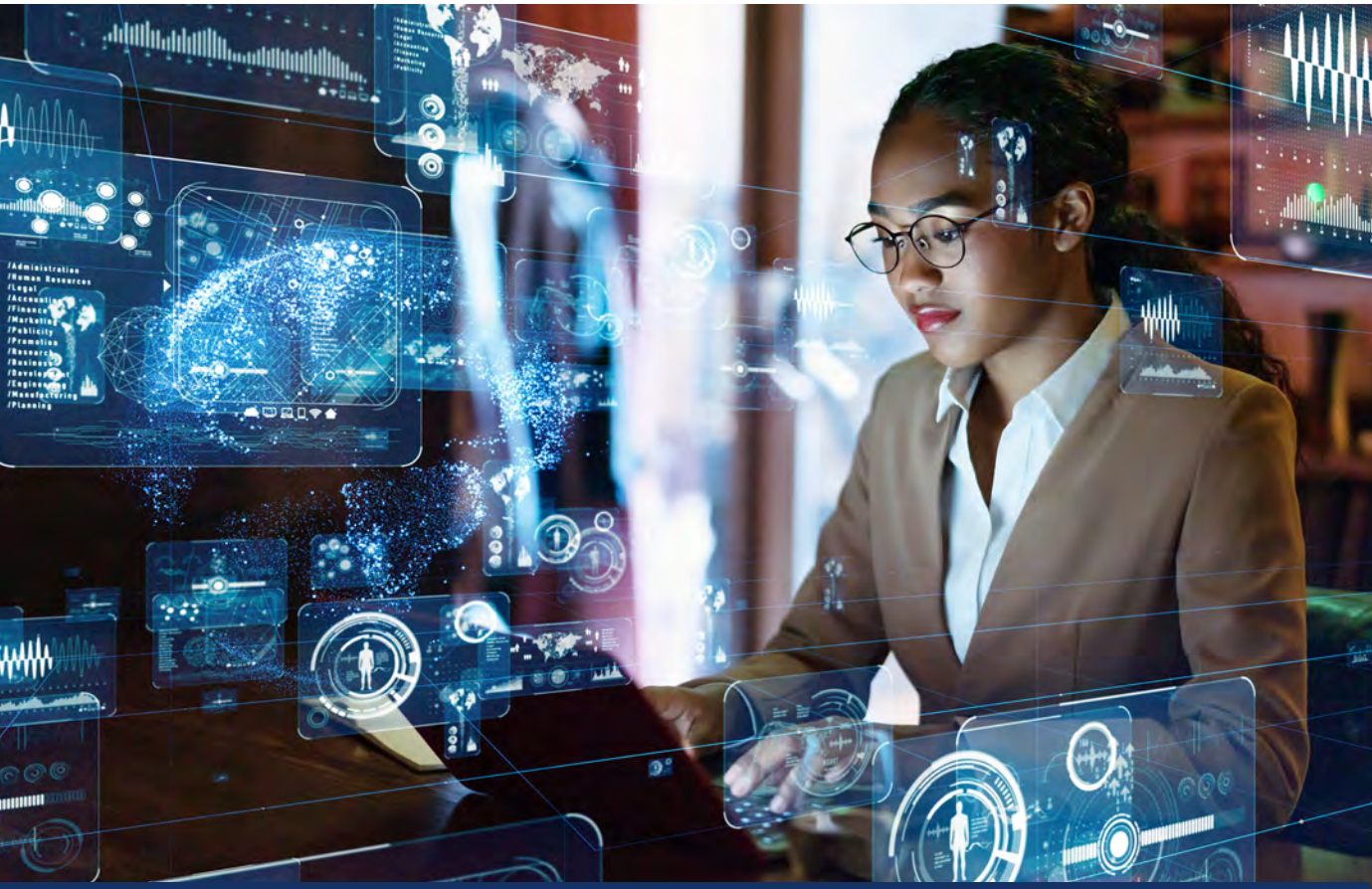
Machine Learning:
- Machine Learning Frameworks
- Machine Learning
- Advanced Machine Learning
- Data Mining and Machine Learning

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 by 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

¡Contáctanos!

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