



Bachelor of Science in Information Technology

Graduation Requirements

Student must complete 120 prescribed credit hours with a cumulative GPA of 2.0 or higher, including 60 credits of core IT courses, 45 credits of foundation, general education and elective courses and 15 credits of concentration courses. In addition, a 60-day internship with report submission is required.

Eligibility

Students with 12 years of schooling including High School (SLC)/+2/A-Level or equivalent degree in any discipline from a board of Nepal or any other board across the globe recognized by CDC of Government of Nepal with a minimum score of 2.0 GPA or 45% or equivalent grade are eligible to apply for the program.

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Philosophy

The Bachelor of Science in Information Technology (BSIT) is an interdisciplinary program that places primary emphasis on the core principles of information technology while also cultivating skills for creating businesses based on IT. The program aims to produce determined, skilled, and qualified professionals capable of addressing real-life IT problems. As IT practitioners, students are trained to apply and explore fundamental IT business development concepts with a strong emphasis on ethical and social awareness.

The BSIT degree represents a valuable investment, providing students with the tools to enter the technologically advanced world. Through engagement in various tasks such as designing, programming, understanding theoretical systems, networking, and more, students gain a competitive edge in the advanced and dynamic IT sector. Recognizing the ubiquitous role of IT in every sector, this course not only opens new paths but also presents diverse career opportunities for individuals interested in pursuing a future in information technology.

Overview

Westcliff University's Bachelor of Science in Information Technology (BSIT) program, offered by the Presidential Graduate School, is a four-year, 120-credit program meticulously designed to cultivate mid and supportive-level IT practitioners. This unique program encompasses a broad spectrum of Information Communication Technology (ICT), ranging from its theoretical and mathematical foundations to cutting-edge developments in computer intelligent systems, robotics, computer vision, system design and development, bioinformatics, and data-mining/data warehousing. The school firmly believes that the diverse range of courses offered in this program produces competent IT professionals capable of meeting the demands of both domestic and global markets while thriving individually and professionally. This four-year, 120-credit BSIT degree represents a high-value investment.

Furthermore, the degree empowers students to effectively apply their acquired skills in socioeconomic design and development. Graduates are equipped to independently engage in three distinct components:

1. Develop effective methods to solve various computing problems.
2. Invent modern, global applications of computers in IT sectors.
3. Innovate, design, develop, and implement software in alignment with global trends

This academic program not only provides students with a robust conceptual foundation but also imparts practical skills in various areas of ICT, ensuring they are well-prepared for the dynamic and evolving field of information technology.

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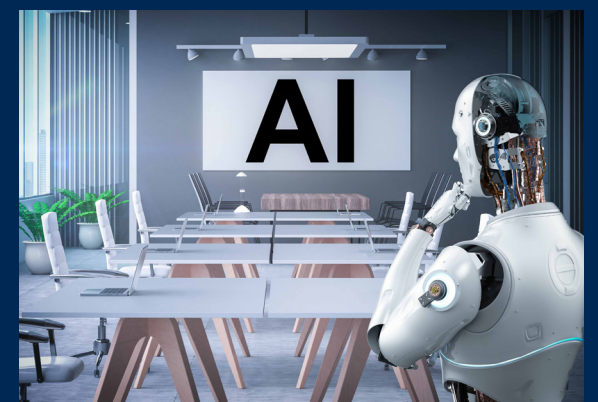
BSIT Specialization



BSIT - Software and Web Development



BSIT - Cybersecurity



BSIT - AI and Machine Learning



BSIT - Multimedia and AR/VR Mobile Game

What you'll learn

The Bachelor of Science in Information Technology offered by PBS in affiliation with Westcliff University encourages students to achieve the following educational outcomes:

- 1. Evaluate current and emerging technologies.
- 1. Identify and gather user requirements to design user-friendly interfaces.
- 1. Apply, configure, and manage IT technologies.
- 1. Utilize data to help business gain insights to help them make better decisions.
- 1. Access IT impact on individuals, organization, and the environment.
- 1. Apply IT concepts and strategies to solve real world problems.
- 1. Conduct research in the field of information technology and related fields.