



PhD. Information Systems & Technology

Accredited in Kenya & the United States of America by the Commission for University Education (CUE) and WASC Senior College and University Commission respectively.

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Education to take you places



MISSION STATEMENT

The mission of the PhD in IST is to produce career innovators, researchers and academics who can contribute to the good of the community and society using current and future Information Systems and Technology concepts. In line with the university mission, the program offers an opportunity for Information Systems and Technology professionals to refine and extend their knowledge and skill at an advanced level by treating ICT as an ecosystem and encompasses multiple elements: ICT human resources, ICT industries and services, ICT applications (interdisciplinary informatics) in government, business and finance, civil society, and Non-Governmental Organizations (NGOs), ICT in various sectors (education, health, agriculture, etc.), digital policies and regulations, and digital leadership in institutions. Upon completion of a PhD in IST, students will be able to take on faculty and research positions in academia, industry, and government agencies.



PROGRAM LEARNING OUTCOMES

Upon completion of the programe, students will be able to:

1. Evaluate conceptual and theoretical underpinnings of Information Systems and Technology;
2. Apply Information Systems and Technology knowledge, skills and values to create innovations and solve issues in organizations and the society;
3. Design, conduct and disseminate research and innovation on Information Systems and Technology issues that impact organizations and the society.



DEGREE REQUIREMENTS:

72 Credit Units

Core Courses: 42 Credit Units

Thesis: 30 Credit Units

CORE COURSES:

42 Credit Units

PIS8110	Advances in Cloud Computing	3
PIS8120	Problem Solving Paradigms in Informatics	3
PIS8130	Computing Research Methods I	3
PIS8140	Advanced Topics in Cryptography and Blockchains	3
PIS8150	Research Seminar	3
PIS8160	Information Systems Theories	3
PIS8170	Advances in Machine Learning	3
PIS8180	Advanced Statistical Techniques	3
PIS8190	Computing Research Methods II	3
PIS8210	Information and Communications Technologies for Development	3
PIS8220	Qualitative and Quantitative Research Methods	3
PIS8230	Information Security Governance	3
PIS8240	Comprehensive Examinations	6

THESIS:		30 Credit Units
PIS8250 PhD (IST) Thesis:	Proposal Writing and Defense	9
PIS8310 PhD (IST) Thesis:	Implementation / Data Collection	9
PIS8320 PhD (IST) Thesis:	Data Analysis and Report Writing	9
PIS8330 PhD (IST) Thesis:	Thesis Defense (PhD Viva)	3

ADMISSION REQUIREMENTS

This is an interdisciplinary program and students must have a Master's degree in IST, or its equivalent from USIU-Africa or any other accredited University.

DURATION AND DELIVERY

The duration of the PhD. program is three (3) academic years. Each academic year is divided into 3 trimesters of 14 weeks each.

The main teaching and learning methods include online, face to face, webinars and tutorials, practical learning, projects, and learning through research. A student shall only be allowed to embark on their thesis only after successfully completing the coursework and passing the Comprehensive Examinations. All PhD. candidates must successfully present and defend (PhD viva) their thesis according to the procedures outlined in the PhD. IST Thesis Handbook.

CLASS SCHEDULE

5.40pm - 09.00pm (Fridays)

9.00am - 06.00pm (Saturdays)

Contacts

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