



AMERICAN UNIVERSITY
OF PHNOM PENH
STUDY LOCALLY. LIVE GLOBALLY.

SCHOOL OF DIGITAL TECHNOLOGIES



AUPP's School of Digital Technologies offers cutting-edge programs in Digital Infrastructure, Software Development, Cybersecurity, Data Science, and Artificial Intelligence. Our curriculum is meticulously designed to prioritize hands-on learning, ensure students gain practical expertise and access to the latest industry resources. We are committed to developing the next generation of tech leaders and innovators, equipping them with the skills and knowledge necessary to excel in today's fast-paced digital world.

Begin your journey to digital excellence with us today.

Bachelor's Degrees

- Artificial Intelligence
- Computer Science
- Cybersecurity
- Data Analytics
- Digital Infrastructure
- Information & Communications Technology
- Interactive App Design & Development
- Software Development

Master's Degree

- Computer Science (AI Specialization)



U.S. Degree
(Dual Degrees)



Access global
career opportunities



Access the most
advanced technology
facilities in Cambodia

WHY STUDY DIGITAL TECHNOLOGIES AT AUPP?



Gain future-proof,
industry-aligned, career skills



Develop an
entrepreneurial mindset



Become an expert in
emerging technologies



Network with leading industry professionals
and innovators in the technology sector

AREAS OF STUDIES



Artificial
Intelligence



Cybersecurity



Computer
Science



Digital
Infrastructure



Data
Analytics



Software
Development



Interactive
App and Web
Development

Bachelor's Degree

Bachelor of Science in Information Technology Management/Computer Science

› Dual Degree

The Information Technology Management program, dual degree offered in partnership with Fort Hays State University (FHSU), leads to a Bachelor of Science in Computer Science. This program delivers comprehensive education in programming languages, web development, software engineering, and other in-demand computer science courses, equipping students with the technical expertise essential for success in the IT industry.

Course Highlights



- ★ Computer Science
- ★ Programming Languages
- ★ Software Engineering
- ★ Web Development
- ★ Project Management

Career Paths



- ★ Web Developer
- ★ Software Engineer
- ★ IT Project Manager
- ★ Systems Analyst
- ★ Software Applications Specialist

Bachelor's Degree

Bachelor of Science in Data Analytics /Information Systems

› Dual Degree

The Data Analytics program, dual degree offered in partnership with Fort Hays State University (FHSU), leads to a Bachelor of Science in Information Systems. The program equips students with essential skills in data collection, analysis, and interpretation, preparing them to make informed business decisions. Graduates will develop expertise in data mining, statistical analysis, and data visualization, enabling them to extract valuable insights from complex datasets and drive organizational success through data-driven decision-making.

Course Highlights



- ★ Data Analysis
- ★ Data Mining and Data Warehousing
- ★ Big Data Analytics
- ★ Business Intelligence
- ★ Time Series Analysis

Career Paths



- ★ Data Analyst
- ★ Data Engineer
- ★ Data Scientist
- ★ Business Intelligence Analyst
- ★ Market Research Analyst

Bachelor's Degree

Bachelor of Science in Interactive App Design and Development/Web and Mobile Application Development

› Dual Degree

The Interactive App Design and Development program, dual degree offered in partnership with Fort Hays State University (FHSU), leads to a Bachelor of Science in Web and Mobile Application Development. The program equips students with skills in developing, maintaining, and enhancing web and mobile applications. Graduates master both front-end and back-end development, user interfaces, and responsive design, enabling them to create innovative digital solutions across platforms and thrive in the fast-paced web and mobile development landscape.

Course Highlights



- ★ Database Design Development
- ★ Web Development
- ★ Mobile App Development
- ★ UI/UX Design
- ★ Software Engineering Fundamentals and Life Cycle

Career Paths



- ★ Mobile App Developer
- ★ UI/UX Designer
- ★ Web Developer
- ★ Database Administrator
- ★ Software Engineer

Bachelor's Degree

Bachelor of Science in Information and Communications Technology

› Single Degree

The Bachelor of Science in Information and Communications Technology offers a comprehensive foundation in technology and software development. The program emphasizes integrating information systems with modern development practices, equipping graduates with proficiency in front-end and back-end technologies, software engineering, and system management. This prepares them to contribute effectively to Web development projects and various roles in the tech industry.

Course Highlights



- ★ Management Information System
- ★ Front-end Development
- ★ Back-end Development
- ★ Programming and Database Design
- ★ Software Requirements, Analysis and Design

Career Paths



- ★ System Administrator
- ★ Front-end Developer
- ★ Back-end Developer
- ★ Database Administrator
- ★ Mobile App Developer

Bachelor's Degree

Bachelor of Science in Artificial Intelligence

› Single Degree

The Bachelor of Science in Artificial Intelligence provides a strong foundation and advanced skills in AI. Core courses like Machine Learning and Generative AI prepare graduates for careers in AI research and industry. The program also emphasizes the ethical implications and societal impacts of AI, ensuring well-rounded and responsible professionals. Hands-on projects and collaborative learning experiences give students practical knowledge to apply AI to real-world challenges.

Course Highlights



- ★ AI Ethics
- ★ Machine Learning
- ★ Computer Vision
- ★ Generative AI
- ★ Natural Language Processing

Career Paths



- ★ AI Research Scientist
- ★ AI Consultant
- ★ AI Developer
- ★ Machine Learning Engineer
- ★ Data Scientist

Bachelor's Degree

Bachelor of Science in Cybersecurity

› Single Degree

The Cybersecurity degree program provides students with the critical skills needed to protect digital systems and data from a wide array of threats. The curriculum is designed to empower students with the ability to anticipate and counter cyberattacks effectively. Through hands-on exercises, students develop expertise in ethical hacking, vulnerability assessment, and security policy implementation, fully preparing them for essential roles in safeguarding digital assets in today's increasingly connected world.

Course Highlights



- ★ Network Research
- ★ Penetration Testing
- ★ SOC Analyst
- ★ Digital Forensics
- ★ Governance, Risk Management and Compliance

Career Paths



- ★ Cybersecurity Analyst
- ★ Cybersecurity Engineer
- ★ Information Security Officer
- ★ Security Consultant
- ★ Ethical Hacker

Bachelor's Degree

Bachelor of Science in Digital Infrastructure

› Single Degree

The Digital Infrastructure degree program focuses on mastering cloud infrastructure, services, and deployment models. Students will learn to design, implement, and manage scalable and secure cloud solutions. Through practical projects, they gain expertise in virtualization, containers, and cloud architecture, preparing them for roles in transforming businesses through cutting-edge cloud technologies.

Course Highlights



- ★ Cloud Operations
- ★ Cloud Solutions Architect
- ★ Cloud Security
- ★ Cloud Automation and DevOps
- ★ Cloud Native Development

Career Paths



- ★ Cloud Operations Manager
- ★ Cloud Security Analyst
- ★ Cloud Solutions Architect
- ★ Cloud Engineer
- ★ DevOps Engineer

Bachelor's Degree

Bachelor of Science in Software Development

› Single Degree

The Software Development degree program immerses students in the creation of functional, innovative software applications. It covers critical aspects like software engineering, quality assurance, analysis, and scalable solutions. Students develop proficiency in programming, design, and managing web-based projects, emerging as developers capable of building robust software solutions that address real-world challenges effectively.

Course Highlights



- ★ Software Engineering
- ★ Software Quality Assurance
- ★ Software Analysis and Design
- ★ Web Development
- ★ Building Scalable Web Application

Career Paths



- ★ Software Engineer
- ★ Software Architect
- ★ Quality Assurance Engineer
- ★ Full Stack Developer
- ★ DevOps Engineer

Master's Degree

Master of Science in Computer Science (AI Specialization)

› Dual Degree

The Master of Science in Computer Science specializing in Artificial Intelligence is a dual degree program offered in partnership with Fort Hays State University (FHSU). The program provides a comprehensive curriculum in advanced AI knowledge and skills. Core courses cover Generative AI, Deep Learning, and Reinforcement Learning, preparing students to design, implement, and research cutting-edge AI models. Combining theory and practice, the program develops critical thinking, technical expertise, and a forward-thinking approach for leadership roles in academia, industry, and research.

Course Highlights



- ★ Artificial Intelligence
- ★ Computer Vision
- ★ Deep Learning
- ★ Generative AI
- ★ Reinforcement Learning

Career Paths



- ★ AI Research Scientist
- ★ AI Product Manager
- ★ Machine Learning Engineer
- ★ Data Scientist
- ★ Computer Vision Engineer

Tuition Fees



Bachelor's Degree [Per Year]

Master's Degree [Per Course]

Single Degree

\$6,000

Single Degree

\$900

Dual Degree

\$9,000

Dual Degree

\$1,200

Scholarships



AUPP Scholarships

Academic excellence

up to

35%

National high school exam results

Financial need

up to

100%

Postgraduate

up to

50%

AUPP Partner's scholarships

Full scholarship

100%

- › Techo Digital Talent Scholarships of MPTC Association of Samdech Akka Moha Sena Padei
- › Techo HUN SEN & Samdech Kittiprittbandit Scholarship Students (AMT)
- › Union of Youth Federations of Cambodia (UFYC)

U.S. Partner Universities



THE UNIVERSITY
OF ARIZONA



FORT HAYS STATE
UNIVERSITY

Apply Now



Bachelor's Degree



Master's Degree

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