General information

Program requirement

- **Bac II or equivalent certificate**
- **English proficiency :** IELTS ≥ 4.5 or
  TOEFL iBT: ≥ 60 or equivalent certificate
- **Entrance exam at ITC :**
  Exam subjects: **Maths, Physics** and **Chemistry, Logic**

Study duration: 5 years

- **Year 1** Understand the fundamental skills in STEM
- **Year 2** Understand the basic skills in ICT
- **Year 3** Demonstrate the core software engineering skills (modeling, design, testing software)
- **Year 4** Experiment the advanced software engineering skills (concept design, management, and implementation software system)
- **Year 5** Prepare students for jobs in both academic and industries

Medium of instruction: English

What makes this program special?

- Students with satisfactory results in the 1st year of study are eligible for admission to a range of undergraduate courses offered at any Curtin Universities
- 21st Century Skills, Adaptive Learning System, and Project-Based Learning are adapted in the program
- This program was evaluated as high quality academic program by international expert's panel from Education University of Hong Kong, China and Southern Cross University, Australia program

Tuition fee: USD 2,500 per year

Scholarship

- **Merit-based scholarship**
  - **15% of the enrollment students get 50%**
  - **15% of the enrollment students get 30%**
- **Techo Digital Talent Scholarship**

Collaborative partners

- Le Mans Université — Le Mans University, France
- UGA Université Grenoble Alpes — Université Grenoble Alpes, France
- INSA Toulouse — INSA Toulouse, France
- Curtin University — Curtin University, Australia
- Université de Namur — University of Namur, Belgium
- ensiie Paris-Évry — ENSIIE, France
- Universitas Pendidikan Ganesha — Universitas Pendidikan Ganesha, Indonesia

Contact us

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PO Box 86, Russian Confederation Blvd, Phnom Penh, Cambodia

Application **NOW OPEN**

Deadline **24th November** 2024

Room **B117**, Building **B**, ITC

Scan here to register



International Program in **Software Engineering**

About us

Founded in 1992, the Department of Information and Communication Engineering (GIC), has consistently been at the forefront of preparing ICT engineering for the digital transformation of Cambodia. Now, GIC has launched a new international program in Software Engineering to comply with the high demands of cutting-edges engineering resources in Industry 4.0.

Our mission

Our mission is to provide a comprehensive education that equips students with the technical expertise, global perspective, and ethical responsibility needed to lead in the dynamic world of software technology. Through a curriculum designed to foster innovation and problem solving skills, we prepare our graduates to be not only proficient software engineers but also ethical leaders who drive positive change and make a lasting impact on a global scale.

What is Software Engineering?

Software engineering is a part of computer science that focuses on design, development, testing, and maintenance of software applications.

Why study Software Engineering?

Relevance: Software engineering is crucial in various industries, transforming the way we live, work, and communicate

Impact: Software engineering boosts economies, enhances productivity, and revolutionizes communication

Global demand: The demand for skilled software engineers is rising globally, driven by digital transformations and the need for innovative technologies

Career opportunities

- Software Developer/Engineer
- Mobile App Developer
- Web Developer
- Software Architect
- IT Project Manager
- Entrepreneur
- DevOps Engineer
- IT Consultant

Competencies

- **Technical proficiency :** graduates will possess a deep understanding of software engineering principle, programming language, and tools, enabling them to develop robust and efficient software solutions.
- **Problem solving skills :** students will develop strong analytical and problem-solving abilities, allowing them to identify, analyze, and address complex software engineering challenges.
- **Innovative and creativity :** the program will nurture students' creativity and innovation, encouraging them to develop novel software solutions and technologies.
- **Soft skills :** the program will develop student soft skills including communication, teamwork, and leadership to ensure well-rounded professionals.
- **Research and development :** graduates will have the ability to engage in software engineering research and development, contributing to the advancement of the field.

