

Program Aims

In an age where algorithms may soon sit as legal members of a company's Board of Directors (outperforming their humanoid peers, naturally), our Doctor of Philosophy (international program) in Information Technology has been purposely developed to drive forward advances in IT, not only to keep pace with change but to reimagine change itself, ensuring individuals, organizations and nations have the potential to compete nationally and internationally.

SIU recognizes that the age-old model of education comprising an intensive surge at the start of our lives, supplemented by periodic company training in the workplace - is no longer relevant. With levels of on-the-job training shrinking to zero, individuals must learn how to learn; how to acquire new skills themselves; how to constantly regenerate. This program therefore aims to develop fluent thinking, flexible, innovative personnel who are technologically aware, yet with the social and cultural ethics along with ability to communicate in English that equips them for careers as professional researchers either in academia and/or industry.

Whether you are interested in how users interact with technology, or you want to work (for example) with leading researcher faculty in ambient intelligence, dependable systems or pervasive computing, this program is the place for you to gain a doctoral degree.



Doctor of Philosophy Program in Information Technology (International Program)



Contact Us

Graduate School

197 Viphavadi-Rangsit Road

BBD Building (Viphavadi)
Samsen Nai, Phaya Thai
Bangkok 10400

Telephone: 02-650-6015 Fax: 02-650-6033

Student Recruitment Unit

99 Moo 10 Bang Toey
Sam Khok District
Pathum Thani 12160

Telephone: 02-599-0000 press 3

Fax: 02-599-3351

Email: amd@siu.ac.th or www.siu.ac.th

Doctor of Philosophy Program

in Information Technology (International Program)

Program Philosophy

The Doctor of Philosophy (PhD) in Information Technology (international program) strives to produce career researchers and academics competent to the highest global standards expected of personnel employed throughout the IT profession.

With a founding philosophy of continuous improvement and constant change propelled by excellence in research, our graduates from this program are of the highest caliber, who by cultivating new knowledge and innovative technologies, can go on to become a key resource for promoting the development and prosperity of any nation.

While recognizing a need to fully utilize existing resources in the present day context, we are equally aware that constant high speed innovation is now the only strategy that matters! The PhD international program at SIU is therefore designed to produce individuals with a passion for creativity, an energy and mind set not only for solving recognized problems with existing know-how, but capable of solving future problems by inventing new technologies to do so.

And because we fully appreciate that this cannot be achieved in isolation, our highly qualified and experienced faculty members actively maintain links with individuals, universities and businesses both in Thailand and internationally.

Program Duration

3 years

Total of Credits required

60 Credits

Class Period

Monday-Friday between 09.00 - 17.00 hrs.

Program Structure

I. Plan A1: Dissertation only	60 credits
II. Plan A2: Coursework and Dissertation	48 credits
- Information Technology Courses	12 credits
- Dissertation	36 credits

<i>Information Technology Courses:</i>	12 credits
1303710 Advanced Research Methodology	3 credits
1303711 Special Study	3 credits
1303712 Selected Topic I	3 credits
1303713 Selected Topic II	3 credits

<i>Available courses for selection:</i>	
1303714 Information Assurance and Security	3 credits
1303715 Data Science and data visualization	3 credits
1303716 Advanced Topics on Internet Technology	3 credits
1303717 Advanced Artificial Intelligence	3 credits
1303718 Systems Optimization Techniques	3 credits
1303719 Advanced Software Engineering	3 credits
1303720 Advanced Topics on Information System	3 credits
1303721 Advanced Network Security	3 credits
1303722 Advanced Software Project Management and Measurement	3 credits

Application Requirements

Hold a Bachelor degree (or equivalent) and a Master degree (or equivalent) in Computing/Computer Science, Information Technology, Information Systems, Computer Engineering or Software Engineering. Other related disciplines or degrees in different fields of science and engineering will be considered at the discretion of the Program Committee.

Document Requirements

- Photos 1-inch image x 3.
- Degree certificates and transcripts.
- A copy of the Thai identity card or passport.
- A copy of the name change certificate (if any).
- English Language Proficiency Certificate/Test Score

Note: English test scores must meet the criteria set: TOEFL 500, IELTS 5.0, TOEIC 625 or CU-TEP 60. If the test results in English does not meet the criteria. Students can attend classes and take the SIU Advanced English, which is taught and organized by Shinawatra University as scheduled.

Career after Graduation

- Researchers
- College professors
- Chief information officer
- Chief technology officer
- Director of systems development
- Director of information technology operations, etc.