BACHELOR OF

INFORMATION TECHNOLOGY

INTERNATIONAL IT PROGRAM

Siam University and AIT:
Combined Strength in Higher Education

Looking for Better Opportunity at Siam University

Department of Information Technology
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SU
Siam University
มหาวิทยาลัยสยาม

SUSTAINABLE UNIVERSITY

Bachelor's Degree in IT from Siam University:

Education scheduling systems: Total 130 Credits

1st. year, Semester 1		
Subject Codes	**Subjects**	**Credit**
121-102	Computer for Studies and Work	3 (2-2-5)
121-103	Life and Environment	3 (3-0-6)
100-105	Psychology in Daily Life	3 (3-0-6)
114-101	English 1	2 (1-2-3)
121-106	Mathematics in Daily Life	3 (3-0-6)
121-107	Basic Statistics for Data Analysis	3 (3-0-6)
192-202	Database Management	3 (2-2-5)
125-102	Basic Mathematics	3 (3-0-6)
190-302	Information Technology Laws and Ethics	3 (3-0-6)
Total		**At least 17 Credits**

1st. year, Semester 2		
Subject Codes	**Subjects**	**Credit**
126-316	Statistics and Probability	3 (3-0-6)
121-101	Information Technology	3 (2-2-5)
100-105	Psychology in Daily Life	3 (3-0-6)
114-102	English 2	2 (1-2-3)
111-107	Introduction to Intellectual Property	2 (2-0-4)
192-461	Introduction to Data Science	3 (2-2-5)
190-104	Computer Programming Concept	3 (2-2-5)
190-303	Information Technology Professional Communication	3 (3-0-6)
190-101	Computer Network System	3 (3-0-6)
Total		**At least 18 Credits**

2nd. year, Semester 1		
Subject Codes	**Subjects**	**Credit**
100-104	Human Relations and Personality Development	3 (3-0-6)
192-205	Information Systems Analysis and Design	3 (2-2-5)
190-205	Management Information Systems	3 (3-0-6)
192-467	Internet of Things	3 (3-0-6)
192-455	Digital Marketing	3 (3-0-6)
114-201	English 3	2 (1-2-3)
100-106	ASEAN in the Modern World	3 (3-0-6)
190-206	Operating System and Architecture	3 (3-0-6)
192-204	Data Communication and Networking	3 (3-0-6)
Total		**At least 18 Credits**

2nd. year, Semester 2		
Subject Codes	**Subjects**	**Credit**
192-469	Selected Topics in Data Science 1	3 (3-0-6)
192-201	Advanced Computer Programming	3 (2-2-5)
192-464	Data Mining	3(2-2-5)
192-454	Advanced Database Design and Development	3(2-2-5)
192-207	Data Structures and Algorithms	3 (2-2-5)
114-202	English 4	2 (1-2-3)
192-432	Data Warehouse Management	3 (2-2-5)
192-421	Network Administration	3 (3-0-6)
192-422	Network Security Technology	3 (3-0-6)
Total		**At least 18 Credits**

Education scheduling systems: Total 130 Credits

3rd. year, Semester 1		
Subject Codes	**Subjects**	**Credit**
192-462	Data Visualization	3(2-2-5)
192-463	Machine Learning	3(2-2-5)
192-465	Big Data Analytics	3(2-2-5)
192-466	Business Intelligence	3(2-2-5)
192-468	Data Simulation and Modeling	3(2-2-5)
114-301	English 5	2 (1-2-3)
190-204	Business Process Management	3 (3-0-6)
192-427	Virtualization Technology	3 (3-0-6)
192-443	Principle of Cloud Computing Technology	3 (3-0-6)
Total		**At least 18 Credits**

3rd. year, Semester 2		
Subject Codes	**Subjects**	**Credit**
190-301	Computer Project Management	3 (3-0-6)
192-301	Human-Computer Interaction	3 (3-0-6)
192-206n	Internet Programming	3 (2-2-5)
192-203	Multimedia Design	3 (3-0-6)
114-302	English 6	2 (1-2-3)
192-428	Information Systems Security	3 (3-0-6)
192-433	Software Engineering	3 (3-0-6)
190-203	Information Technology Organization Behavior	3 (3-0-6)
192-302	E-Business	3 (2-2-5)
Total		**At least 18 Credits**

4th. year, Semester 1		
Subject Codes	**Subjects**	**Credit**
192-431	Decision Support Systems	3 (3-0-6)
192-434	Object – Oriented Design and Development	3 (2-2-5)
192-441	Computer Networking Design and Configuration	3 (3-0-6)
192-439	Opensource Programming	3 (2-2-5)
192-453	Advanced Application Development for Mobile Devices	3 (2-2-5)
192-442	Server Operating System	3 (3-0-6)
192-403	Information Technology Project 1	3 (3-0-6)
190-400	Co-operative Education Preparation for Information Technology (Elective in IT Course)	1 (0-2-1)
192-438	Website Design	3 (3-0-6)
Total		**At least 18 Credits**

4th. year, Semester 2		
Subject Codes	**Subjects**	**Credit**
190-401	Co-operative Education for Information Technology (Elective in IT Course)	5 (0-40-0)
Total		**5 Credits**

Remark* Surveying internship in the field must practice not less than 80 hr. in summer semester

Unified IT Program: Get a Bachelor's degree from SU & get a Master's degree from AIT in 5 years

・ The Program will be spread over a minimum of 5 years.
・ Students will spend first 7 semesters (or 3.5 years) at SU for Bachelor courses and the Masters part of the program in AIT will
be 3 semesters and 1 intersemester (or 1.5 years).
・ The Bachelor Degree will be awarded by SU and the Master Degree
will be awarded by AIT, both only at the end of the program upon
fulfillment of the requirements of each.
・ Bachelor Degree title will be Bachelor of Information Technology.
・ Master Degree title will be Master in Information and
Communication Technology (ICT), or Master in Computer Science
(CS) or Master in Information Management (IM).

Tutition Fees for Bachelor's Degree of IT at Siam University:

・ Overall: 400,000 THB.
・ Per Semester: 50,000 THB

Benefits of the Unified Program

- Opportunity to study in two reputed Institutes of Thailand.
- Two degrees in **5 years** instead of **6 years**.
- Quality education leading to Bachelor and Master Degrees.
- Accelerated, reducing the duration of the study program.
- International exposure to diversified areas of excellence.
- Prepare trained batches of future researchers and professionals.
- Saving one year expenses and ready for jon one year earlier.

Qualifications of applicants: Graduated from grade 12 or equivalent High Vocational and Accepting transfer credits for the second degree

Bachelor of Science in Information Technology

SIAM UNIVERSITY

* Information and Communication Technology (ICT)
* Computer Science (CS)
* Information Management (IM)

AIT (Asian Institute of Technology)

Welcome to... Siam University

Collaboration with other agencies

UNIFIED PROGRAM SIAM-AIT.

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