

IT INFORMATION TECHNOLOGY

TOP-UP DEGREE

Stamford has a collaboration with Middlesex University. Information Technology graduates who meet the minimum GPA requirement may choose the progression pathway to continue their studies at Middlesex University. Students will study for an additional 12 months in London and receive a second degree upon graduation.


 Middlesex
 University
 London


INNOVATION & TECHNOLOGY



Bachelor of Science in Computing and Intelligent Systems in Information Technology is designed for students who want to apply technology to real business environments and enterprise systems. This program focuses on practical implementation, system management, and technology strategy—preparing graduates to become technology integrators and digital operations leaders.

Students specialize in Software Engineering, E-Commerce Technology, Data Science, and Network Security, developing expertise in cloud systems, data analytics, enterprise platforms, and IT project strategy. The curriculum emphasizes hands-on learning, industry-aligned certifications, and real-world technology deployment.

Graduates are equipped to manage digital infrastructure, optimize business systems, and lead technology-driven operations across corporate, e-commerce, and enterprise environments.

Our Partners:

Microsoft Imagine 

 Office 365

 ORACLE ACADEMY



SPECIALIZED CERTIFICATES

- Software Engineering
- Network and Security
- Date Science
- E-Commerce

CAREER OPPORTUNITIES

- Network Engineer
- Mobile and Web Developer
- E-Commerce Specialist
- Business Intelligence Specialist
- Software Engineer
- Database Administrator
- Tech Entrepreneur
- Data Analyst

FACULTY MEMBERS



Dr. Surekha Lanka | Indian
Director of Bachelor of Science
in Computing and Intelligent
Systems

Dr. Surekha Lanka is a dedicated and passionate educator with over 17 years of experience in teaching and research in the field of computer science and engineering. With a strong academic background, she is fostering a dynamic learning environment that encourages critical thinking, innovation, and practical application of computer science concepts. Her expertise in Artificial Intelligence, Software Engineering, Data Science, and Smart Grids.



Dr. Nay Myo Sandar | Burmese
Lecturer

Dr. Nay Myo Sandar received her Ph.D. in Information Technology from Shinawatra University in Bangkok, Thailand, in 2017. She began her academic career as a Lecturer at the International College of Panyapiwat Institute of Management in Thailand in January 2019. Since 2021, Dr. Sandar has been a lecturer at Stamford International University. Her research interests include Operations Research, Cloud Computing, Wireless Sensor Networks, the Internet of Things, and other Networking technologies.



Dr. Susanta Malakar | Indian
Lecturer

Dr. Susanta Malakar is a Lecturer and Researcher in Computer Science with academic expertise in Artificial Intelligence (AI), Machine Learning, Computer Vision, and Image Processing. His teaching emphasizes a practical, project-based learning approach that strengthens students' foundational understanding while fostering analytical and problem-solving skills. He actively encourages students to explore emerging AI technologies and apply their knowledge to real-world challenges.

CURRICULUM STRUCTURE | 160 CREDITS

General Education

40 Credits

Basic Core

40 Credits

You must complete the following 10 subjects (40 credits)

- BSC101 Introduction to Computing and Intelligence Systems
- BSC102 Discrete mathematics structures
- BSC103 Introduction to Data structures and algorithms analysis
- BSC210 Ethics and Professional Issues in Computing and Intelligence Systems
- BSC104 Computer Organization
- BSC321 System Analysis, Design, and Implementation
- BSC479 Software Planning and Project Management
- BSC254 Human Computer Interaction
- BSC120 Web Development I
- BSC224 Introduction to Data Science

Major Requirements

40 Credits

You must complete the following 10 subjects (40 credits)

- ITE233 Introduction to Internet of Things
- ITE441 Database Management Systems I
- ITE442 Database Management Systems II
- ITE331 Introduction to 3D Modeling and Virtual Reality
- ITE221 IT Programming I
- ITE222 IT Programming II
- ITE 231 System Administration and Maintenance
- ITE 240 Operating Systems
- ITE 420 Information Assurance and Security I
- ITE 475 Network I

Major Electives*

20 Credits

Students must select 12 credits from the following electives to complement their major requirements. 5 subjects (20 credits)

Information Technology

- ITE 220 Web Development II
- ITE 343 Mobile Application Development
- ITE 365 Software Quality Management
- ITE 367 Software Architecture and Modelling
- ITE 368 Software Testing and Maintenance
- MKT213 Principles of Marketing
- MKT333 Digital Marketing
- ITE340 E-Commerce Systems & Infrastructure
- MKT345 Gamification
- ITE362 Digital Advertising Technology
- ITE351 Programming for Data Science
- ITE352 Artificial Intelligence
- ITE353 Machine learning foundation
- ITE354 Business Intelligence and Decision Modeling
- ITE355 Data Warehousing and Data Mining
- ITE201 IT Service Desk & Incident Management
- ITE477 Windows Server
- ITE421 Information Assurance and Security II
- ITE451 AWS Cloud Operations
- ITE476 Network II

Computer Science

- CSC220 Web Development II
- CSC343 Mobile Application Development
- CSC365 Software Quality Assurance Principles
- CSC367 Software Architecture and Modelling
- CSC368 Software Testing and Maintenance
- CSC369 Software Program Capstone Project
- CSC351 Programming for Data Science
- CSC352 Artificial Intelligence
- CSC353 Machine learning foundation
- CSC354 AI in Business and Decision Modeling
- CSC356 AI Ethics and Responsible AI
- CSC357 AI Capstone Project
- CSC201 Computer Service Desk & Incident Management
- CSC453 Computer and Internet Forensics
- CSC421 Security in Computing and Information Technology
- CSC451 Cloud Foundations
- CSC476 Network II
- CSC452 Blockchain Technology and Practices

Free Electives

8 Credits

Free electives allow you to study in an area of personal interest.

You must complete 2 subjects in this category, and you may choose any subject you are eligible for offer at the university.

Internship

12 Credits

Your Internship allows you to put into practice the knowledge and skills you acquired during your coursework and reflect on how well you can apply these skills. Your Internship is to be taken in your last term, after completing all your coursework and will provide you with your final 12 credits to graduate.



STAMFORD INTERNATIONAL UNIVERSITY

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