

Study in Sri Lanka, China or UK for a **UK** Degree



COMPUTING & TECHNOLOGY



- International Foundation Programme
- BSc (Hons) Software Engineering
- BSc (Hons) Computing Science
- BSc (Hons) Web Development
- BSc (Hons) Portable Games Programming
- BSc (Hons) Business Information Technology

Degrees awarded by Staffordshire University



GIST 高博国际学院
INTERNATIONAL COLLEGE
Suzhou, China

www.gem-intl.edu.cn



AIMS COLLEGE
AIMS COLLEGE OF BUSINESS & INFORMATION TECHNOLOGY

AIMS College

www.aimscollege.lk

Why China

A photograph of a traditional Chinese garden. In the foreground, there is a pond with a reflection of the sky and buildings. A large, leafy tree stands in the middle ground. To the left, there is a traditional Chinese building with a tiled roof. In the background, more buildings and trees are visible under a clear blue sky.

For many decades in the late 20th century, many outstanding young Asians went to the West to pursue their higher education, to learn more advanced knowledge and in search of better job opportunities upon graduation. While the West continues to lead the world today in many key areas of technology and advanced knowledge creation, China is catching up quickly - conditions have changed and opportunities for study and work are opening up in many parts of China. In the light of the recent financial crisis and the global recession, the more mature economies of the West are experiencing slowing growth and opportunities for gainful employment.

This has prompted many young Westerners coming East to build their lives and careers.

In the last few years, the growth center of the world has been shifting towards Asia with China at the epicenter. This megatrend is evidenced by strong foreign investment flows to Asia and China. Visionary business leaders and entrepreneurs are seeking opportunities to grow their businesses in the newly opened emerging markets of China. One scholar observed that never has there been so many different nationalities and races converging in one single nation at the same time to participate in its modernization. This is what is so exciting about the New China.

For young people, it makes sense to gain knowledge on contemporary China as this knowledge will serve them well in their careers and in their lives that will be so different from the world of their parents, with China playing such an important role in the Brave New World. Mastering Hanyu, studying, working and living in China for some time will help them understand and appreciate the dynamics of the Chinese culture, and hopefully learn to decode the cultural DNA of this one quarter of the world's humanity.

The economic and structural changes set in motion by Deng Xiao Peng's open market reforms are changing China and indeed, the world. China's current high growth trends are expected to continue. Robust growth will bring forth new ideas, new technologies and new business models, pioneered by the Chinese and the hundreds of thousands of enterprising business leaders and managers from over 100 countries around the world – all participating in the modernization of China. China will set new trends and be a leader in many aspects of modern life in the foreseeable future.

Why not China



Students amazed by the magnificent Suzhou Moonbay replica



"HELLO, feed me!" - Study tour to Taihu Lake



Student Activities @ Taihu Lake

Our UK Partner



STAFFORDSHIRE UNIVERSITY



Her Majesty The Queen, accompanied by HRH Prince Philip, Duke of Edinburgh on March 2006 at SU Campus



"ONE for the College" Students sitting among "GIST"



GIST International College campus main building

ABOUT US

Suzhou Industrial Park (SIP), a joint development project between the governments of Singapore and China, is home to numerous multinational corporations covering key industries in information technology (IT), biomedicine and nanotechnology. Located within SIP is Dushu Lake Science and Education Innovation District (SEID), an education hub with 16 institutions of higher learning. One of them is GIST International College.

GIST International College is set to lead a new dimension to offer an option to obtain foreign degree fully completed in China. It goes hand-in-hand with the emergence of China as the new world economic and technology powerhouse.

GIST International College provides high-quality education that supports the fast growth agenda of the region through our colleges, training centers and partner network. GIST International College students are enriched by Suzhou, a vibrant modern city and a world heritage site with a 2,500 year history. It has many educational and recreational facilities, and industrial parks with over 11,000 companies covering key industries in manufacturing and R&D.

"The number of foreign students in China has risen dramatically, hitting a record high of more than 260 thousands foreign students from 194 countries. With the support from MoE China, using cooperative educational programmes, it is expected to draw more than 500 thousands foreign students to China by 2020. The Chinese Government published the National Outline for Medium and Long-Term Education Reform and Development (2010-2020) on July 29, calling for an expansion of international cooperation and of exchange among institutions of higher education." (Source:China Daily)

Turning POTENTIAL INTO ACHIEVEMENT

Staffordshire University has over 17,000 students that make up a dynamic and vibrant community at their campuses in the United Kingdom. Over 5,000 students study overseas on Staffordshire University programmes in China, Malaysia, Singapore, the Middle East, Hong Kong, Pakistan, India, Sri Lanka, Greece, Spain and France.

Established in 1992, Staffordshire University has evolved into one of the UK most dynamic, progressive and forward-thinking learning institutions. Always quick to adapt as student requirements change, Staffordshire University has become renowned for its groundbreaking new courses and first-class learning opportunities.

Some facts about Staffordshire University

- ★ A leader among English universities ahead of Oxford and Cambridge Universities in providing one of the best learning experiences for students in England (based on analysis of QAA Institutional Audit 2005).
- ★ Ranked in the top 3 in England based on analysis of the UK Quality Assurance Agency (QAA) Audit on Good Practice & Recommendations.
- ★ Recognised for 8 areas of 'good practice' placing the university among the very best performers in the whole of UK's higher education sector.
- ★ Offers some of the most innovative courses including business, engineering, broadcast media, computer games design and football technology.
- ★ Rated as the best new university by Computing Employers. Staffordshire University has a better rating than Oxford University. Second largest established Computing Faculty in the world.

The programmes are Quality Assured by Staffordshire University. Our solid relationship with Staffordshire University is among the strongest and most successful foreign collaborations in China, and is particularly notable in our strong shared mission of producing highly employable graduates.

"Staffordshire's teaching facilities are designed to equip you for the world of work; the proportion getting graduate-level jobs is high, ranking the university in the top 25 in the UK."

The Sunday Times, September 2009

The Staffordshire University Degree Programme



The Programme is offered through a unique collaborative partnership between GIST and Staffordshire University, United Kingdom, through which Staffordshire validates undergraduate programmes that are designed and delivered by GIST. On completion of the programme, students will be awarded undergraduate degree Certificates and Transcripts from Staffordshire University.

The Staffordshire Degree Programmes are offered under an approved collaboration in accordance with the Code of Practice for the Assurance of Academic Quality and Standards in Higher Education as published by the United Kingdom Quality Assurance Agency's (QAA).

The Aims of GIST Computing & Technology Programmes

- Provide you with a stimulating, interactive and accessible course of study that gives you a sound grasp of Information Technology knowledge & analysis and contemporary issues which you can develop and apply in your future employment.
- Develop your imagination and innovative abilities and help you show initiative and creativity in your work.
- Develop your intelligence, ingenuity, inventiveness and independence as well as your communication skills.

It's all going on @ GIST - *International Students*



BSc (Hons) Software Engineering

At-a-glance

Software engineers develop programs in all areas of the computing industry- from business systems to computer games to embedded systems. Typical job titles of recent graduates include Application Programmer, Software Engineer and Systems Developer.

Software Engineering focuses on solving problems and creating software. It involves learning and using programming languages and enabling you to decide what a software system needs to do to solve a real-world problem by designing a solution that fulfils these needs by developing, testing and maintaining it.

The course provides a firm foundation in computing topics such as procedural and object-oriented programming, algorithms, systems analysis and design, computer architecture, operating systems, networks and mathematics. You learn to write software in several widely used programming languages, such as Java, C, C++, and C#, including all phases of the system development life cycle.

Students who enrol on the sandwich degree spend the third year on a placement, applying their knowledge in the workplace and gaining valuable experience.

The final year involves advanced subjects such as programming languages concepts and algorithms, design patterns and techniques, creating enterprise and real-time systems, software project management and a substantial software algorithms or creating a complete software solution to apply to a real-world problem.

Course Outline

Year 1

- Introduction to Software Development
- Hardware and Software Systems and Graphics
- Maths and Statistics for Computing Students
- Object Oriented and Event Driven Programming
- Algorithms and Data Structures in C
- Systems Modelling
- Introduction to Operating Systems

Option modules include:

- Introduction to Computer Games Programming
- Networking with LANs and WANs
- Computer Security and Forensics

Year 2

- Professional and Enterprise Development
- Database Systems
- Further Object Oriented Programming
- Further Programming Concepts in C++
- Principles and Practices of Software Production

Option modules include

- VB.Net and low level Programming
- Web Forensics
- Networking and Mobile

Optional placement year

Year 3

- Individual Project
- Algorithmics
- Design Patterns

Option modules include :

- Information Systems Engineering in Industry
- Safety Critical and Embedded Systems
- Advanced Programming Modules

BSc (Hons) Computing Science

At-a-glance

A Computing Science degree not only gives you the flexibility to study a wide variety of computing topics, but also allows you to specialise. Recent graduates have gone on to become software developers, web developers, systems analyst, IT technicians, network analysts, database analysts, MIS support, programmers and computer engineering-the whole range of computing related occupations.

Take this course and you will study a combination of core modules which are specified by the University and will choose other modules to create your own degree pathway.

In the first year, you will study a combination of core modules to give you a firm foundation in areas such as computer systems and architecture, programming and systems analysis and design. Option modules give you the basis to make informed decisions about progression and specialisation.

In the second year, there is a smaller set of core modules to choose from. Some students choose to specialise in one area, such as networking or web development, other students study several topics to create a wider range of skills. The decision is yours.

Enrol on the sandwich degree and your third year will be spent on a placement, applying your knowledge in the workplace and gaining hands-on experience. In the final year, you'll take your pick of modules covering advanced computing topics and complete a major project.

Course Outline

Year 1

- Introduction to Software Development
- Hardware and Software Systems and Graphics
- Maths and Statistics for Computing Students
- Object Oriented and Event Driven Programming
- Systems Modelling

Pathway Modules

You will choose three modules to reflect your own interests. You can choose from a wide range of topics, including Networking, Web, Games Programming, Computer Forensics, Mobile, Multimedia.

Year 2

- Professional and Enterprise Development
- Database Systems

Pathways Modules

You will choose six modules to reflect your own interests, one of which must be a software development module.

Optional placement year

Year 3

- Individual Project
- Information Systems Engineering in Industry

Pathway Modules

You will choose four or five modules to reflect your own interests from a wide range of subjects including:

- Advanced Programming
- Networking
- Safety Critical and Embedded Systems

BSc (Hons) Web Development

At-a-glance

In choosing this award you will be signing up to a rapidly developing area of computing with good employment opportunities, with many sectors of industry investing in web-based applications and systems. Job titles include Web Developer, Web Programmer and Web Designer.

Computing applications increasingly rely on the use of the Internet and web technologies. Bsc(Hons) Web Development is a course for those wishing to become a specialist in the design and development of computing applications for the web and related technologies. This award allows you to study the latest appropriate technologies and programming languages along with all areas of web development; design, programming, media and enterprise.

The course provides you with a solid foundation in web development, including: web page design and development, web standards such as XHTML, CSS, programming concepts, database development, media for the web, making websites useable and hardware for web development. This will also include programming in the latest web languages, including PHP, ASP, NET, JSP and ActionScript, and options will allow you to gain knowledge in the use of media in the web, Adobe software such as Flash and Flex, E-Commerce, or develop your networking skills with our CISCO Academy.

You also learn about web standards, XML, web services and Web 2.0. The final year project then allows you demonstrate the skills developed throughout the course.

Course Outline

Year 1

- Introduction to Software Development
- Object Oriented and Event Driven Programming
- Systems Modelling
- Hardware, Networks and Servers for Interactive Computing
- Maths for Interactive Computing
- Web Design and Development

Option modules include:

- Web Programming
- Introductory Business Concepts
- Introduction to Networking with LANs and WANs

Year 2

- Database Systems
- Professional and Enterprise Development
- Web Design and Development 2

Option modules include

- *Web Design*
- *Web Media Programming*
- *Web Programming with Servlets and JSP*

Optional placement year

Year 3

- Dissertation Project
- Web Project

Option modules include:

- *Web Standards and Semantic Web*
- *Web Services*
- *Building Web Applications*

BSc (Hons) Portable Games Programming

At-a-glance

This course is all about developing games for mobile phones and handheld game consoles. On graduating, you could end up working for a large game studio, creating your own games company, or applying your knowledge in the wider mobile and embedded devices industry.

Portable gaming – games for mobile phones and handheld consoles – is one of the fastest-growing sectors in the computer games industry. Portable games programmers need to learn all the computing skills needed for PC or console game development, as well as how to overcome the extra challenges posed by portable game devices. They are small, with limited displays, memory and processors speeds, and have changeling inputs systems. You will learn several of the programming languages most widely used in the industry and apply them to game animation, physics, artificial intelligence and graphics rendering. During the course, you consider the design, hardware, interface and networking issues needed to make a successful portable game. You will start developing games from the beginning, building up a portfolio which include Java applets, graphics applications using Open GL and DirectX, and games on a variety of mobile devices and handheld consoles.

In your final year project, you might build a complete mobile or handheld console game, or research and demonstrate techniques which take advantage of the latest portable device hardware and operating systems.

Course Outline

Year 1

- Introduction to Computer Games and Graphical Systems
- Hardware and Software Systems
- Maths and Statistics for Computing
- Introduction to Software Engineering
- Object-Oriented and Event-Driven Programming
- Systems and Database Analysis
- Introduction to Programming 3D Applications
- Introduction to Mobile and Wireless Technology

Year 2

- Programming for Mobile and Handheld Devices
- Windows Game Programming
- Professional and Enterprise Development
- Maths and Algorithmics
- Programming Physics and AI Engines for Games
- Fundamentals of Mobile Computing

Optional placement year

Year 3

- Project in Portable Game Programming
- Further Programming for Mobile and Hand-held Devices
- Software Techniques for Restricted Systems
- Advanced Windows Games Programming

BSc (Hons) Business Information Technology

At-a-glance

In today's competitive business world, IT plays a major role in exploiting commercial potential. Your graduate destination from this course is likely to be at a management level within an IT department, developing IT systems and servicing the needs of a number of business departments. You may take up a career in IT system development, IT systems analysis and design or IT network management.

After a common first year, introducing business and computing concepts, tools, and techniques, Year 2 covers the development of IT systems for business, including planning and forecasting, networking, databases and web, and human computer interaction and usability.

An optional one-year placement period can be integrated into your award or you may choose to undertake a shorter work experience module that develops your ability to apply your knowledge of data analysis in a business context.

In the final year, you will concentrate on the strategic role of IT, including critical problems in using IT and the use of IT for innovation and entrepreneurship. You will also undertake a major project that will allow you to simulate the application of IT in a business situation. There will be an opportunity to choose from a range of options in order to tailor your studies to your particular interests.

Course Outline

Year 1

- Business Systems Analysis, Design and Construction
- Learning for success
- Quantitative Tools for Computing*
- Software Development
- Other options are available

* Students without Maths A-C are given a gentler introduction into the mathematics needed in the course by studying the module *Elementary Quantitative Methods*. QTC is the taken at in Year 2.

Year 2

- Relational Database Systems Development
- Networked Computer Systems
- E-Commerce
- Information Systems
- Organisations and Management
- Object Oriented Methods
- Applied Research Methods and Professional Development

Options modules include:

- Advanced Computer Applications
- Immersive Scripting Intermediate
- IT for Learning, IT User Support

Optional placement year

Year 3

- Project
- Perspectives in Systems Analysis and Design
- Residential Case Study or Group Case Study
- Information Systems Strategy
- Applied Communications Technology

Option modules includes:

- Database Administration and Management
- Design of Corporate Communication Systems
- Financial Modelling with Decision Making

Other Programmes Available

BA (Hons) International Business Management

BA (Hons) Business Management

BA (Hons) Marketing Management

BA (Hons) Accounting & Finance

BA (Hons) Business Management and Entrepreneurship

School of Hospitality & Culinary Arts

Hospitality Management / Culinary Arts

State University of New York - Alfred State

Technology Management 3+1

Computer Engineering Technology 3+1

Business Administration 3+1



Application Procedure

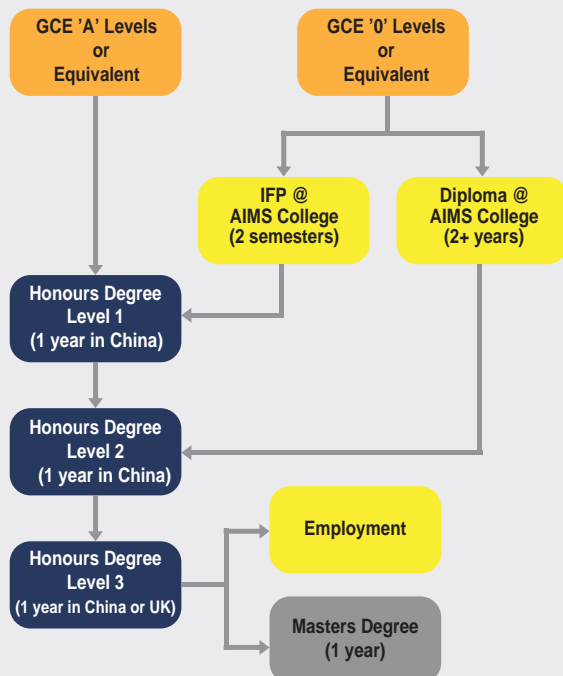
- STEP 1** Fill relevant application form and submit certified copies of academic qualifications for evaluation
- STEP 2** Upon meeting admission requirements, an Offer Letter will be sent to you.
- STEP 3** To register onto the course and arrange for accommodation, make payment of Registration Fees by Tele-Transfer or Bank Draft together with:
- 6 colored passport sized photos (Blue Background)
 - 2 photocopy of your passport (full book)
 - Completed Application Form
 - Health examination report
 - Photocopy of IC
 - Photocopy of Result/ Trial Result (certified true copy)
 - JW202 Proxy Form
 - Student Visa Application Form (Chinese Embassy)
 - Student Accommodation Booking Form
- STEP 4** Upon approval, the Student Pass approval letter will be sent to you.
- STEP 5** Inform us in writing, at least 7 days before departing for China about your arrival details for airport pick-up and for confirmation of your accommodation arrangements.

PATHWAYS @ GIC

With our two semester International Foundation Programme, you can progress to a range of Staffordshire University programmes at GIST in Suzhou or with a diploma from a recognised institution and enter directly into final year of the degree. Terms and Conditions Apply.

With 'A' Level, you can enter immediately with first year. We offer degrees in Business, Accounting, Marketing, ICT, Technology, Games Development, Software Engineering and many more, all the way to prestigious Masters degrees.

Delivered by well qualified faculty with extensive professional experience, we give you the solid base you require to obtain your dream degree.



Entry Requirements

1. Completed and passed all subjects in the International Foundation Programme; or
2. Completed and passed with full certificate in the STPM / A-Levels or equivalents; or
3. Completed and passed with five credits (5B's) in the United Examinations of Certificate; or
4. Any other qualification recognised and approved by the Registrar of GIST

Medical Report

- We only accept medical report from Tung Shin Hospital, Kuala Lumpur for Malaysia students.
- For students from other states, we accept medical report from Government Hospital.

Please be reminded that there may be a delay in getting the report, so please do it as soon as possible after submitting the application.

Fees – Administration

APPLICATION FEES (Payable upon acceptance of offer) USD 260* is payable when you have accepted the offer. This fee is for application and student pass (visa)**.

International Student Registration

A fee of USD 1130* is payable as registration & administrative fee for International Students.

Facilities & Utilities

Library Fees (refundable)**: USD170*
Utility & Student ID Fees** : USD330*

Health Plan

It is compulsory for all International Students to purchase a health care plan. Health Care Insurance** : USD260

Personal Bond

A Personal Bond of USD330*, which will be refunded on completion of students.

Airport Pickup

USD20

from Shanghai Pudong Airport to GIST International College

** To be paid every year.

Fees – Accommodation

Accommodation (on availability)

Triple sharing USD 268 per student per month;
Twin sharing USD 420 per student per month.
Admin Fee: USD 168 per student every 3months.

Dormitory:

USD 1300 be shared for by 4 students per year.
Admin Fee: USD 325 per student per year.

* Accommodation charges are subject to change without notice.

Fees – Tuition

	Fees Payable to Staffordshire University	
Tuition Fees	*USD	£
Tuition Fees for Year 1	5,650	£230
Tuition Fees for Year 2	6,000	£260
Tuition Fees for Year 3	6,300	£280
Total	17,350	£770

*All fees and terms above are subject to revision without prior notice.

GIST International College
The Office of Admissions & Records

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