

Creating our Digital Future

Join SMU School of
Computing and Information
Systems (SCIS)

School of
**Computing and
Information Systems**



UNDERGRADUATE

MESSAGE FROM THE DEAN

Technology is shaping the world in an unprecedented way. At the School of Computing and Information Systems (SCIS), we are committed to equipping our students with the essential computing knowledge and skills for a career in technology. Our goal is to empower students to innovate solutions that create value for business and society.

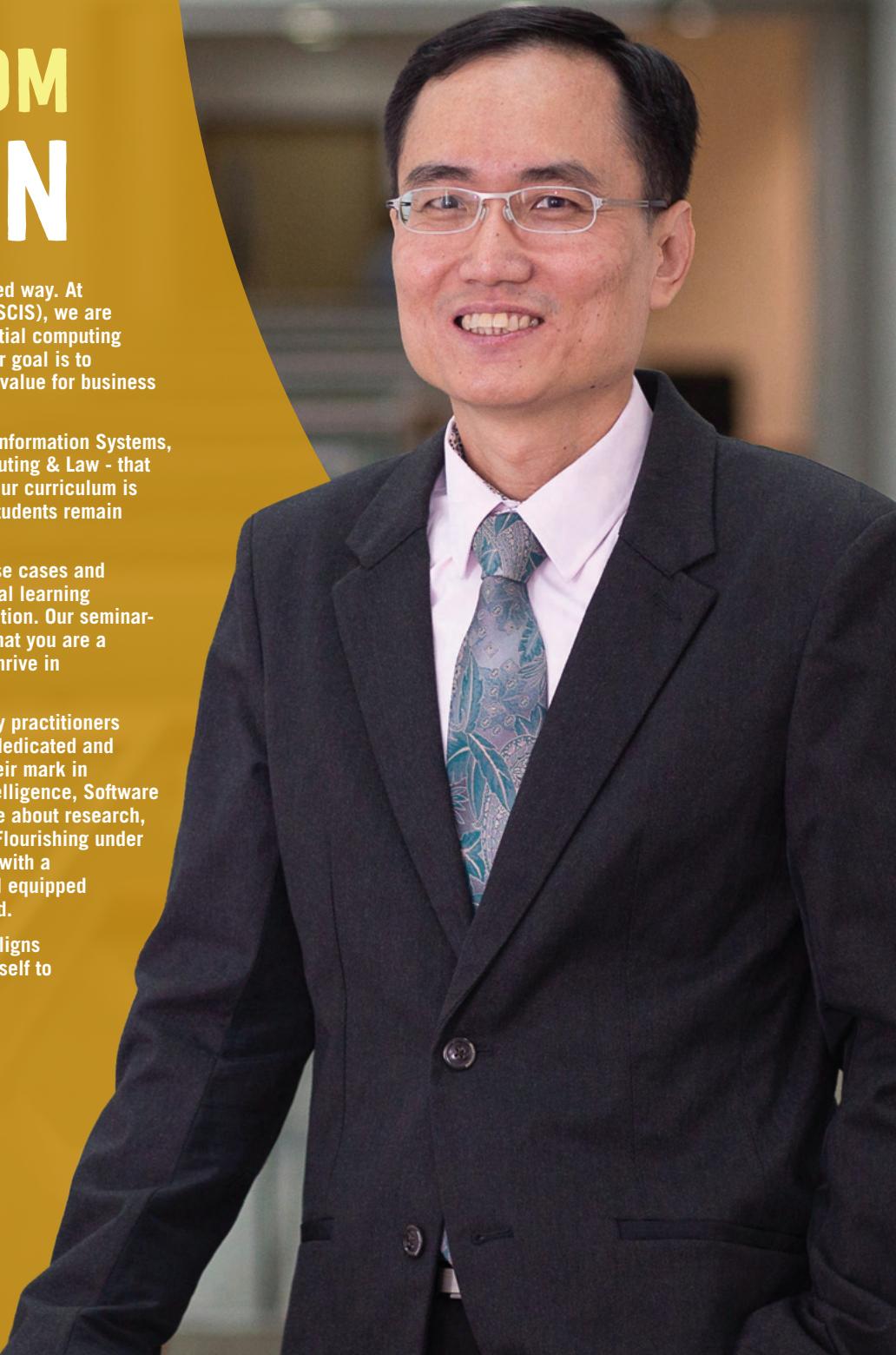
We offer four undergraduate degree programmes - Information Systems, Computer Science, Software Engineering and Computing & Law - that target different job roles demanded by employers. Our curriculum is reviewed regularly to ensure that the skills of our students remain relevant in the rapidly evolving digital age.

SCIS partners with industry to bring in real-world use cases and projects under the SMU-X initiative. This experiential learning approach prepares you to be job-ready upon graduation. Our seminar-style interactive learning environment will ensure that you are a confident communicator and team player who will thrive in the workplace.

We have eminent scholars and experienced industry practitioners among our faculty. You will be taught by a team of dedicated and internationally renowned faculty who have made their mark in specialisations such as Cybersecurity, Artificial Intelligence, Software Engineering and Data Science. If you are passionate about research, you can embark on a guided research programme. Flourishing under the guidance of a dedicated team of educators and with a hands-on learning approach, our graduates are well equipped to face the challenges of the complex working world.

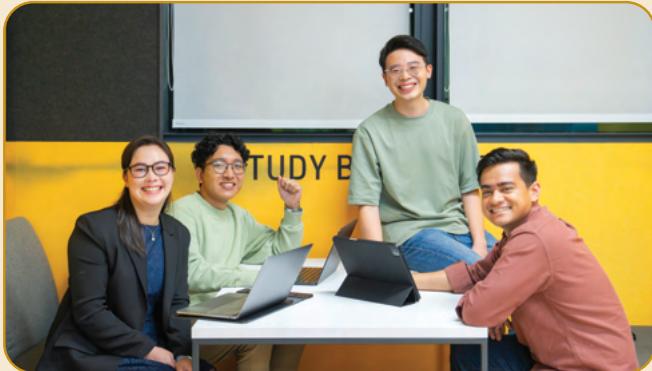
I am confident that you will find a programme that aligns to your passion and interest. Join us and equip yourself to create our digital future!

Professor Pang Hwee Hwa
Dean, School of Computing
and Information Systems



WHY JOIN SMU SCHOOL OF COMPUTING AND INFORMATION SYSTEMS

OUR SCIS STUDENTS ARE INDUSTRY-READY



HIGH GRADUATE EMPLOYABILITY

Achieve a 92% employment rate with a mean starting salary ranging from \$5,530 to \$6,120. (Graduate Employment Survey 2023)



WORLD-CLASS COMPUTER SCIENTISTS & INDUSTRY PRACTITIONERS

Collaborate with faculty on innovative research and learn from their diverse industry experiences.



MULTIPLE CAREER PATHWAYS

Tailor your learning journey with flexible combinations of majors and an option to graduate with a master's degree in 4.5 years.



EXPERIENTIAL APPLIED LEARNING

Apply concepts to real-world projects and graduate with skills and global perspective to excel in the workplace.

ABOUT BSc (INFORMATION SYSTEMS)

NURTURING IT PROFESSIONALS FOR BUSINESS TRANSFORMATION

The Information Systems major equips you with the capabilities to develop intelligent IT solutions that create value for business and society. It gives you the flexibility to acquire either deep technical skills or a healthy balance of technical and business skills.



INFORMATION SYSTEMS CORE COURSES 12 Course Units

TECHNOLOGY SOLUTIONING

Computing Fundamentals	Year 1
Business Process Analysis and Solutioning	Year 2
Digital Business - Technology and Transformation	Year 2
Enterprise Solution Management	Year 2
Software Project Management	Year 3

SOFTWARE DESIGN AND DEVELOPMENT

Algorithms and Programming	Year 1
Data Management	Year 1
Web Application Development I	Year 1
Web Application Development II	Year 2
Interaction Design and Prototyping	Year 2
Enterprise Solution Development	Year 2

INFORMATION SYSTEMS PROJECT EXPERIENCE

Year 3 or 4

You will be applying the know-how learnt from courses into industry sponsored projects. You will get to tackle issues such as problem definition, change management, and stakeholder management working in a team to build prototypes.

INFORMATION SYSTEMS TRACKS



BUSINESS ANALYTICS

Sample Track Courses

- Analytics Foundation
- Big Data Architecture
- Data Mining & Business Analytics
- Social Analytics and Applications



FINANCIAL TECHNOLOGY

Sample Track Courses

- Digital Banking Enterprise Architecture
- Blockchain Applications in Financial Services
- Digital Payments & Innovation
- Retail Banking & Mobile Technology



PRODUCT DEVELOPMENT

Sample Track Courses

- Object Oriented Programming
- Cloud Management and Engineering
- Enterprise Business Solutions
- Managing Customer Relations with Analytics: Asian Insights



SMART-CITY MANAGEMENT AND TECHNOLOGY

Sample Track Courses

- Digital Technologies for Environmental Sustainability
- Geographic Information Systems for Urban Planning
- Smart-City Operations Research
- Smart Healthcare in Asia





INDICATIVE GRADE PROFILES

3H2/1H1 of Content-based Subjects for GCE A-Level Applicants:

10TH PERCENTILE	90TH PERCENTILE
BBB/C	AAA/A

GPA for Polytechnic Applicants:

10TH PERCENTILE	90TH PERCENTILE
3.69	3.92

EXPERIENTIAL LEARNING: CAPSTONE PROJECT

One example of a capstone project is the TeachingPro VR, a Virtual Reality (VR) application designed to enhance classroom management skills for new instructors at SMU. TeachingPro VR aims to address gaps in SMU's current Faculty Teaching Forum (FTF), where faculty members receive limited exposure to real-time classroom dynamics and authentic student behaviours. The application offers an immersive VR environment that emulates common classroom events, enabling instructors to practise handling disruptive behaviours, facilitating class participation, and responding to diverse classroom challenges in a simulated seminar-style setting.

MAIN AUDIENCE

New SMU Instructors

MAIN OBJECTIVE

Enhance the new instructor training process: Faculty Teaching Forum (FTF)

BUSINESS PROBLEM

1

Unscalable Teaching

- FTF is resource- and time-intensive, limiting personalized support for each instructor

2

Unrealistic Environment

- FTF sessions lack the authentic classroom dynamics where real student behaviors emerge
- New instructors often feel overwhelmed and struggle to recall content after FTF ends

TAILORED PRACTICE

Choose diverse classroom events for personalized learning



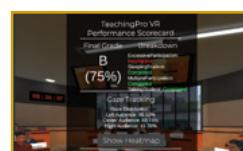
GUIDED IMMERSION

Handle realistic student behaviours with guiding prompts



REINFORCED LEARNING

Manage student behaviours independently and track progress



ACHIEVEMENTS

TeachingPro VR provided a safe controlled classroom environment for educators to simulate teaching environment. By integrating performance tracking tools, and simulation of dynamic student interactions, educators got to practise navigating complex teaching scenarios with confidence, enhancing their preparedness for real-world challenges.



PROJECT DONE BY

Douglas Toh Kai Wei | Joseph Ho Cheng Wee | Chan Kei On | Nicholas Lim Cong Yi | Jaden Goh Zheng Hui | Yeo Zhi Wei

EXAMPLE OF JOB ROLES:
 AI Applications Developer | AI Business Analyst
 | Data Engineer | DevOps Engineer | Enterprise Architect | Financial System Analyst | Product Developer | Software Engineer | Sustainable Solutions Developer | User Experience Designer

ABOUT BSc (COMPUTER SCIENCE)

NURTURING PROFESSIONALS FOR TECHNOLOGICAL INNOVATION

The Computer Science degree equips you with technical skills to build computing products and solutions to thrive in the marketplaces and society. This requires an understanding of the interplay between computing theory and practice and the essential links between them, as well as fundamental business innovation and IT solution development and management skills.



COMPUTER SCIENCE CORE COURSES **17 Course Units**

SOFTWARE DEVELOPMENT

- Programming Fundamentals I **Year 1**
- Programming Fundamentals II **Year 1**
- Collaborative Software Development **Year 2**

SOLUTION MANAGEMENT

- Software Product Management **Year 2**
- IT Solution Architecture **Year 3**
- IT Solution Lifecycle Management **Year 3**

INFORMATION MANAGEMENT

- Data Management **Year 1**
- Interaction Design and Prototyping **Year 1**

COMPUTER SYSTEMS AND ARCHITECTURE

- Operating Systems **Year 2**
- Computer Networks **Year 2**
- Computer Architecture **Year 2**

DISCRETE STRUCTURES AND ALGORITHMS

- Linear Algebra for Computing Applications **Year 1**
- Statistical Thinking for Data Science **Year 1**
- Mathematical Foundations of Computing **Year 1**
- Data Structures and Algorithms **Year 2**
- Design and Analysis of Algorithms **Year 2**

COMPUTER SCIENCE PROJECT EXPERIENCE

COMPUTER SCIENCE TRACKS



ARTIFICIAL INTELLIGENCE

Sample Track Courses

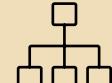
- Introduction to Artificial Intelligence
- Agent-based Modeling and Simulation
- Generative AI for Natural Language Communication
- Heuristic Search and Optimisation



CYBERSECURITY

Sample Track Courses

- Foundations of Cybersecurity
- Cyber Threat Intelligence
- Data Security and Privacy
- Software and Systems Security



SOFTWARE SYSTEMS

Sample Track Courses

- Full Stack Development
- Advanced Database Systems
- Computer Graphics and Virtual Reality
- Mobile and Pervasive Computing and Applications

EXAMPLE OF JOB ROLES:

AI Solution Architect | Chatbot Engineer | Cybersecurity Operations Engineer | IoT Solution Architect | Machine Learning Developer | Product Manager | Software Developer | VR-AR Systems Engineer

INDICATIVE GRADE PROFILES

3H2/1H1 of Content-based Subjects for GCE A-Level Applicants:

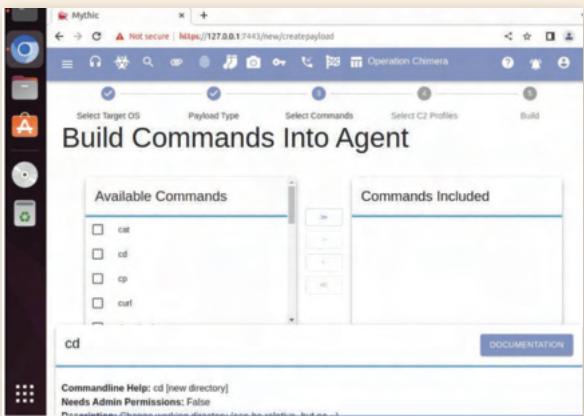
10th Percentile	90th Percentile
AAB/A	AAA/A

GPA for Polytechnic Applicants:

10th Percentile	90th Percentile
3.80	3.97

EXPERIENTIAL LEARNING: COMPUTER SCIENCE WORK-STUDY ELECTIVE

Computer Science Work-Study provides greater flexibility and value for the students, as well as developing industry-ready graduates who are more adaptable, flexible and innovative in building the next generation of computing solutions.



JUSTIN LAM
Security Engineer (Offensive Security) Intern, ByteDance

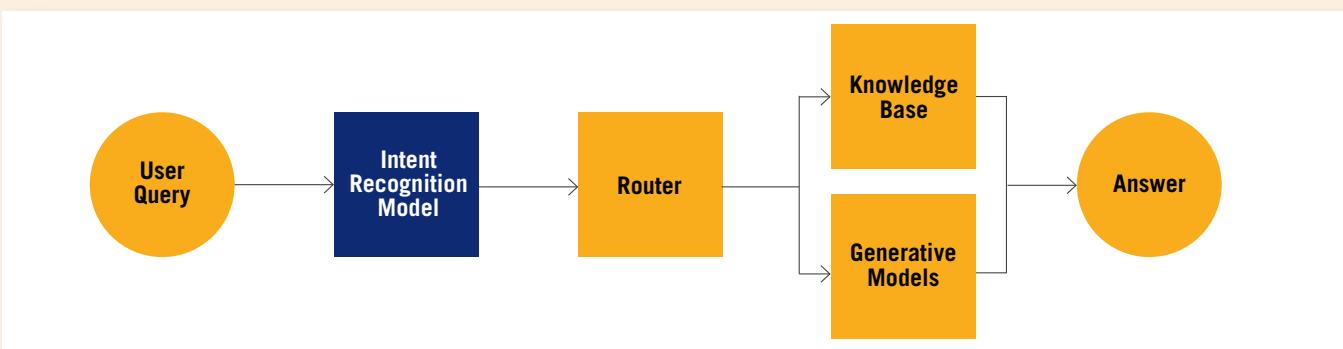
- Continuously conduct penetration testing to identify security vulnerabilities in the staging/production environment.
- Perform security engineering and develop tools/infrastructure to support the conduct of Red Team Operations.
- Monitor and analyse emerging cyber threats, vulnerabilities, and exploits relevant to our infrastructure and products.

I worked on an intent recognition model (extreme multi-label text classification) to serve both buyers and sellers in all the countries that TikTok Shop operates in, as well as those it would be entering in the near future. Some of my day-to-day tasks included:

1. Training models.
2. Running experiments on different prompts, data, and configurations.
3. Quality checks on training and evaluation data.



WEI BIN AU YEONG
Algorithm Engineer Intern, eCommerce (Intelligent Customer Service), TikTok



ABOUT BSc (SOFTWARE ENGINEERING)

NURTURING TOMORROW'S SOFTWARE ENGINEERS

The BSc (Software Engineering) degree prepares students to become highly-qualified software engineers using a curriculum that is co-developed and co-taught with our industry partners.

It features a rigorous 52-week apprenticeship where you get to work in development teams under the mentorship of professional software engineers.

SCIS collaborates closely with our industry partners to equip you with technical, teamwork and communication skills to take on software engineering roles. Besides mentorship, career talks and guest lectures, our industry partners will also co-develop and co-teach the curriculum to ensure that you are familiar with current trends and best practices in software engineering.



SOFTWARE ENGINEERING CORE COURSES

SOFTWARE DEVELOPMENT

Algorithms and Programming	Year 1
Web Application Development I	Year 1
Collaborative Software Development	Year 2
Programming Fundamentals II	Year 2
Web Application Development II	Year 2
Advanced Programming & Design	Year 3

12 Course Units

COMPUTING FOUNDATIONS

- Data Management** Year 1
- Operating Systems and Networking** Year 1
- Foundations of Cybersecurity** Year 2

SOLUTION MANAGEMENT

Enterprise Solution Development	Year 2
Enterprise Solution Management	Year 2
IT Software Architecture	Year 3

APPRENTICESHIP

52-WEEK FULL-TIME APPRENTICESHIP

Get a head start in your career by embarking on an apprenticeship which is strongly supported by both academia & industry. Strengthen and broaden your technical and soft skills while solving real-world problems. The apprenticeship can be completed at 1 or 2 different companies.

INDICATIVE GRADE PROFILES

3H2/1H1 of Content-based Subjects for GCE A-Level Applicants:

10th Percentile	90th Percentile
BBB/C	AAA/C

GPAs for Polytechnic Applicants:

10th Percentile	90th Percentile
3.66	3.89



EXPERIENTIAL LEARNING: APPRENTICESHIP

“The extended apprenticeship of the Software Engineering degree gives me the chance to see projects through from start to finish. Like many others, I find the idea of entering the workforce intimidating, but this apprenticeship provides a better view of the professional world while giving me the space to learn and make mistakes. On top of that, the small cohort size and the frequent workshops have fostered strong relationships with my peers and professors, helping me feel supported both academically and emotionally. This is where I found my closest groups of friends.”



CLARISSA KOH
BSc (Software Engineering)
student, Year 3

“NCS is excited to be one of the inaugural partners of SMU in launching the BSc (Software Engineering) Degree. This collaboration reflects our belief that a career in IT goes beyond coding—it’s about solving real-world problems with innovation and impact. By co-developing the curriculum, offering hands-on apprenticeship opportunities, and fostering mentorship through our industry experts, we are committed to equipping students with the skills and experience they need to thrive in the ever-evolving tech landscape. Students can also look forward to building their future with us and becoming part of our team at NCS.”

NCS SCHOLARSHIP AVAILABLE TO FULL-TIME BSc (SOFTWARE ENGINEERING) STUDENTS

Established in 2022, the NCS Scholarship aims to motivate outstanding undergraduates at the University to achieve academic excellence and to inspire the younger generation in advancing their career in the technology and services industry.

OUR ANCHOR PARTNERS



HOWIE LAU

Managing Partner,
Corp Development and
Partnerships NCS Group



EXAMPLE OF JOB ROLES:

Full-stack Software Developer | Software
Engineer | Web Developer |
Software Quality Engineer | DevOps Engineer |
Software Architect | IT Consultant

ABOUT BSc (COMPUTING & LAW)

NURTURING PROFESSIONALS FOR DIGITAL LAW & GOVERNANCE

The Computing and Law degree equips you with skillsets in operating IT and business innovations within a legal framework, and employing IT in legal practice. Beyond a solid foundation in computing and law, you will specialise in advanced technology tracks to become future-ready for business and public sectors, consulting and finance sectors, as well as the legal sector.



COMPUTER & LAW CORE COURSES 18 Course Units

COMPUTING CORE COURSES

Statistical Thinking for Data Science	Year 2
Algorithms and Programming	Year 2
Data Management	Year 1
Interaction Design and Prototyping	Year 2
Web Application Development I	Year 1
Digital Business - Technology & Transformation	Year 2

Business Process Analysis & Solutioning

Year 2

Software Product Management

Year 3

LAW CORE COURSES

Contract Law 1

Year 1

Contract Law 2

Year 1

Law of Torts

Year 2

Criminal Law

Year 1

Corporate Law

Year 3

Intellectual Property Law

Year 2

Privacy and Data Protection Law

Year 3

The Singapore Legal System and Legal Analysis Skills

Year 1

COMPUTING & LAW PROJECT EXPERIENCE

Year 3 or 4

INDICATIVE GRADE PROFILES

3H2/1H1 of Content-based Subjects for GCE A-Level Applicants:

10th Percentile	90th Percentile
ABB/A	AAA/A

GPAs for Polytechnic Applicants:

10th Percentile	90th Percentile
No indicative GPA as sample size is small	



EXPERIENTIAL LEARNING: FINAL YEAR PROJECT



A group of Computing and Law students concluded a project with international law firm Clifford Chance Singapore to develop a solution to automate regulatory alerters for the finance industry.

The students developed a solution that leverages web scraping, Robotic Process Automation (RPA) and Generative AI, to automatically track, identify, summarise, and compile regulatory updates into a single email digest.

"This project experience allowed me to draw upon both my Computing and Law knowledge. Not only did we get to build an end-to-end solution where we had to do web scraping, model training, and designing and building the backend and frontend architecture, we also had to determine which kinds of legislative news are most important for legal professionals, and factor in the legal implications of our solution. We also acquired the crucial experience of working with various stakeholders, including some from overseas. It was overall a very enriching and valuable learning experience."



KOH RUI XIN

BSc (Computing and Law) alumna,
Graduating Class of 2024
(Featured third from left)

EXAMPLE OF JOB ROLES:

Business & Public Sectors:

Digital Transformation Consultant | Technology Innovator |
Regulatory & Policy Advisor

Consulting & Finance Sectors:

Technology Strategist | Compliance and IT Auditor | Risk Management Analyst

Legal Sector:

Legal Knowledge Engineer | Legal Tech/Project Manager | Legal Technologist

Lawyers, Legal Advisors Practicing Technology Law:

Only applicable to BSc (Computing & Law) with a Fast-Track to Juris Doctor programme offered by SMU Yong Pung How School of Law

UNDERGRADUATE GUIDED RESEARCH OPPORTUNITIES

Undergraduate students are offered opportunity to experience academic research. In a specially designed UResearch programme, students discover their interest in research, while also preparing themselves for graduate studies. The programme allows students to apply their knowledge in real-world settings.



Multi-lingual multi-partite product title matching,

by Huan-Lin Tay (Class of 2023), Wei-Jie Tay (Class of 2023), and Hady W. Lauw,
ACM Web Conference (TheWebConf'23), Apr 2023.



Training language models to summarize narratives improves brain alignment,

by Khai Loong Aw (Class of 2024), Mariya Toneva,
ICLR 2023.



Improving environment novelty quantification for effective unsupervised environment design,

By Jayden Teoh (2023 Intake), Wenjun Li,
Pradeep Varakantham,
AAMAS 2024



Is a pretrained model the answer to situational awareness detection on social media?

by Siaw Ling LO, Kahhe LEE (Class of 2024), and
Yuhao ZHANG,
Conference Proceeding Article



Automatic grading of short answers using Large Language Models in software engineering courses,

by Nguyen Binh Duong TA and Yi Meng CHAI (2021 Intake),
Conference Proceeding Article



Peer learning in an undergraduate linear Algebra course - A social network analysis,

by Manoj THULASIDAS, Kyong Jin SHIM, and Jonathan Edward TEO Jun Rui (2022 Intake),
Conference Proceeding Article



Video sentiment analysis for child safety,

by TAN Yee Sen (Class of 2024), TEO Nicole Anne Huiying, GHE Ezekiel En Zhe (Class of 2024), FONG Jolie Zhi Yi,
WANG Zhaoxia,

The 2023 IEEE International Conference on Data Mining series (ICDM 2023), SENTIRE, Dec. 1-4, 2023.
<http://www.cloud-conf.net/icdm2023/index.html>

JOURNALS AND CONFERENCES WHERE OUR STUDENTS HAVE PUBLISHED PAPER AS CO-AUTHORS DURING THEIR UNDERGRADUATE RESEARCH PROGRAMME

SMU CORE CURRICULUM

The SMU Core Curriculum is a holistic programme that initiates undergraduates into a journey toward intellectual dynamism and self-actualisation. It is based on the following 3 pillars:

Capabilities



Equips students with 21st century skills necessary to thrive in an increasingly digitised and data-driven working environment.

Students will also complete an internship, either locally or overseas.

Communities



Trains students to understand the economic, technological, and cultural systems that shape our interactions with our communities.

Students will also complete a community service project, either locally or overseas.

Civilisations



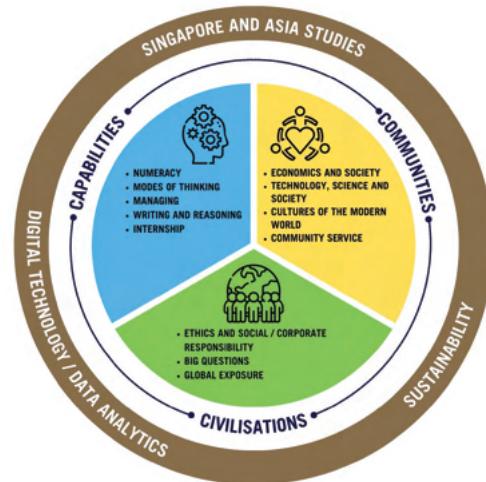
Immerses students in the fundamental debates that cut across time and space, preparing them to engage in critical dialogue between multiple and competing traditions of thought and problem-solving.

Students will also complete a global exposure experience.

ADDITIONAL GRADUATION REQUIREMENTS

Digital Technology/Data Analytics (D/D), Sustainability, and Singapore and Asia Studies

Students can meet each graduation requirement by enrolling in specific courses, or, in select Schools, through programme or major core courses where the relevant content has already been integrated to meet the graduation requirement.



INTEGRATED POSTGRADUATE PROGRAMMES

Integrated Postgraduate Programmes allow promising undergraduates at our school to pursue a Bachelor's and a Master's degree within a shorter period of time. We offer the following fast-tracks for SCIS undergraduate programmes:

SMU-Carnegie Mellon Masters Programme

OPTIONS INCLUDE:

- Master of Computational Data Science
- Master of Science in Information Technology

SMU-University College London (UCL)

- MSc Urban Spatial Science
- MSc Connected Environments
- MRes Urban Spatial Science

SMU-Master of IT in Business (MITB)

TRACKS INCLUDE:

- Analytics
- Artificial Intelligence
- Digital Transformation
- Financial Technology and Analytics

SMU-Master of Science in Computing (MSC)

TRACKS INCLUDE:

- Cybersecurity
- Data Science & Engineering
- Software & Cyber-Physical Systems

MEET OUR ALUMNI

Since graduating from the School of Computing and Information Systems, Yihao has amassed over a decade of experience in the Intelligence Security domain earning recognition as a trusted expert sought after for sharing insights on managing cyber threats. He is currently working as a Lead Threat Intelligence Advisor at Google.



LIM YIAHOO

Legal Threat Intelligence Advisor, Google (Singapore)

Recognised as an honoree in IMDA's 2023 SG Top 100 Women in Tech, Joanna has made significant contributions to the tech community. Her start-up Attribute Data is a data intelligence consultancy that empowers organisations to use data to derive strategic intelligence that provoke new perspectives and eliminate uncertainty in decision making. As a member of SMU's Alumni Founders Executive Committee, she actively mentors aspiring entrepreneurs from her alma mater. Joanna also serves as Principal and Portfolio Lead at Protege Ventures, Asia's first student venture capital fund established at SMU.



JOANNA TEO

Founder, Managing Director, Head of Data Intelligence, Attribute Data

Ayush currently oversees transformation and technology advisory (Across APAC market with a portfolio focus in Singapore and Indonesia), recognised for delivering growth and innovation for large-scale organisations. With his proven track record of delivering complex projects and building high-performing teams, Ayush has specialised in helping businesses leverage technology to achieve their strategic objectives for revenue growth and operational efficiency. He possesses a deep understanding of emerging technologies and a strong focus on delivering measurable business outcomes.



AYUSH VIJ

Delivery Director - Asia Pacific Region, Thoughtworks

After graduating with a degree in Information Systems, Nian Kai is working as a DevOps Engineer. At Visa, his work involves backend development and automation. He develops features and automates manual processes to ensure reliability and efficiency of the operations and infrastructure in Visa.



TEO NIAN KAI

DevOps Engineer, Visa

After earning his bachelor's degree in Information Systems from SMU, Geoffrey pursued a master's degree at Cornell University. Currently based in Seattle, he works as a Software Engineer at Meta. He has had a decade long experience working as a Software Engineer in the US Tech industry building innovative software solutions that drive business growth and enhance user experience.



GEOFFREY GOH

Software Engineer, Meta (USA)

Felice is working as a Software Engineer at ByteDance after graduating with a degree in Computer Science from SMU. As part of the payments team, Felice helps build secure and efficient systems to facilitate seamless e-commerce transactions on TikTok Shop.



FELICE PNG

Software Engineer, ByteDance

Since graduating with a degree in Information Systems specialising in FinTech, Gracia has built a career in business analysis and digital transformation. She has led projects on blockchain-based trade platforms and AI-driven analytics. Now a Senior Business Analyst at AvePoint, she leverages digital tools to streamline operations and boost organisational efficiency.



GRACIA KWAN YUWONO

Senior Business Analyst, AvePoint

THE SCHOLARSHIPS SCIS PROVIDE

SMU SCIS places strong emphasis on a holistic educational approach for all its students where social and ethical responsibilities are as important as academic excellence.



Scan the QR Code for the full list of scholarships

OPEN FOR APPLICATION FOR BOTH FRESHMEN AND SENIORS!



MANY PRESTIGIOUS SCHOLARSHIPS THAT ACKNOWLEDGE YOUR ABILITY AND TENACITY

SMU Global Impact Scholarship Programme
Lee Kong Chian Scholars' Programme
SMU Merit Scholarship Programme
SMU SCIS Achievements Scholarship

Ng Kai Wa Scholarship
SMU Steven Miller Scholarship
Alvin Poh Endowed Scholarship
Red Hat Scholarship

“As an LKC scholar, I’m grateful for the unique opportunities available to me, such as heading overseas community projects and participating in leadership workshops. The scholarship is incredibly comprehensive, covering not only my school fees but also subsidising future overseas opportunities. In Year 2 or 3, I’m excited about the possibility of going on exchange at London School of Economics to pursue modules related to a second major in Digital Business.”



LEE JIN RAE
BSc (Software Engineering) student, Year 1
Lee Kong Chian Scholar

“SMU SCIS gave me an engaging space to learn from my professors and peers. With helpful teaching faculty and meaningful programmes such as UResearch, I was given ample opportunities to learn from my professors in a safe space. The seminar style classes encouraged active participation during lessons, making learning engaging and meaningful. Most importantly, the application-based learning style allowed me to apply the knowledge I learnt on fun projects, preparing me for the working world.”



TAY HUAN LIN
Software Engineer, Google,
SCIS Alumnus, Graduating Class of 2023
SMU Merit Scholar



EMPLOYERS
PREFER
SMU
GRADUATES



IT ALL ADDS UP SMU

#1 
MOST FLEXIBLE
CORE CURRICULUM
IN SG

All students across the University get to experience our Core Curriculum - we don't restrict by major or programme! Plus, we've built in so many courses that you can pursue what you're most interested in.

#1 
GRADUATES

We produce future-ready, versatile and articulate problem-solvers. That's why our grads get more offers, better jobs and higher salaries.



1ST

TO GUARANTEE A
2ND MAJOR FOR
ALL STUDENTS

Know a good deal when
you see one. Gain more, get
better equipped, be versatile
and highly sought after.

1ST

LOCAL UNI WITH GUARANTEED
GLOBAL EXPERIENCE FOR
ALL STUDENTS



Because this is what you
need to help you grow as
a person. And because we
know this is what you want!

IS #1

again!

1ST

CITY
CAMPUS IN
SINGAPORE



The downtown vibe is
great. But when you're so
close to future employers,
it's more than a foot
through the door.

1ST

LOCAL UNI TO PIONEER AN
INTERDISCIPLINARY AND
INTEGRATIVE CURRICULUM



It's our broad-based, flexible and
rigorous curriculum, as well as
interdisciplinary majors and
programmes that transform you.
And it all started here!

WITH 500+ DOUBLE MAJOR COMBINATIONS, WHO NEEDS A MINOR?

SCHOOL OF ACCOUNTANCY

- Accounting
- Accounting with track in Sustainability Accounting **(NEW)**
- Accounting Data and Analytics (to be taken as a 2nd major)
- Financial Forensics (to be taken as a 2nd major)

LEE KONG CHIAN SCHOOL OF BUSINESS

- Communication Management
- Communication Management with track in Data, Design, & Communication
- Finance
- Finance with track in Finance Analytics
- Finance with track in Real Estate
- Finance with track in Wealth Management
- Finance with track in International Trading
- Finance with track in Banking
- Finance with track in Sustainable Finance **(NEW)**
- Finance with Private Banking Work-Study Degree
- Innovation & Entrepreneurship
- Marketing
- Marketing with track in Marketing Analytics
- Operations Management
- Operations Management with track in Operations Analytics
- Operations Management with track in Maritime Business & Operations
- Organisational Behaviour & Human Resources
- Quantitative Finance
- Strategic Management
- Digital Business (to be taken as a 2nd major)
- Sustainability Management (to be taken as a 2nd major)

SCHOOL OF COMPUTING AND INFORMATION SYSTEMS

BSc (Information Systems) Degree Information Systems Major with:

Single track options:

- Business Analytics
- Product Development
- Financial Technology
- Smart-City Management & Technology

Dual tracks options:

- Business Analytics and Product Development
- Business Analytics and Financial Technology
- Product Development and Financial Technology
- Product Development and Smart-City Management & Technology
- Smart-City Management & Technology and Business Analytics
- Smart-City Management & Technology and Financial Technology

BSc (Computer Science) Degree IT Solution Development Major with:

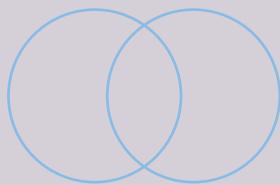
Single track options:

- Artificial Intelligence
- Cybersecurity
- Software Systems

Dual tracks options:

- Artificial Intelligence and Cybersecurity
- Artificial Intelligence and Software Systems
- Cybersecurity and Software Systems

Enjoy the best of all worlds by taking majors across the entire university. You can, because all students are guaranteed a 2nd major when they enter SMU. It's an edge over your peers as you'll graduate better equipped, more versatile and capable!



OVER 500
DOUBLE MAJOR
AND DOUBLE DEGREE
COMBINATIONS



GUARANTEED
2ND MAJOR

BSc (Computing & Law) Degree

BSc (Software Engineering) Degree

Second Majors

For BSc (Information Systems), BSc (Computing & Law) and BSc (Software Engineering) students only:

Computing Studies

- Artificial Intelligence
- Cybersecurity
- Software Systems

For BSc (Information Systems), BSc (Computer Science), BSc (Computing & Law) and BSc (Software Engineering) students only:

- IT Solution Management

For BSc (Computer Science), BSc (Computing & Law) and BSc (Software Engineering) students only:

Technology for Business Solutions

- Business Analytics
- Financial Technology
- Product Development
- Smart-City Management and Technology

For students from other schools within SMU

- Technology for Business

SCHOOL OF ECONOMICS

- Economics
- Economics with track in Quantitative Economics
- Economics with track in Real Estate
- Actuarial Science (to be taken as a 2nd major)
- Actuarial Science with Industry Integration Track (to be taken as a 2nd major)
- Health Economics & Management (to be taken as a 2nd major)
- Data Science and Analytics (to be taken as a 2nd major) NEW

YONG PUNG HOW SCHOOL OF LAW

- Law
- Legal Studies (2nd major for non-Law students)

SCHOOL OF SOCIAL SCIENCES

- Politics, Law and Economics (to be taken as a 1st major only)
- Political Science
- Psychology
- Sociology
- Global Asia (to be taken as a 2nd major)
- Public Policy and Public Management (to be taken as a 2nd major)
- Sustainable Societies (to be taken as a 2nd major) NEW

COLLEGE OF INTEGRATIVE STUDIES

- Deferred Declaration of Degree NEW
- Individualised Major NEW
- Individualised Second Major



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