



NEWS RELEASE

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NTU Singapore launches new multi-domain academic offerings to prepare graduates for the workplace of tomorrow

- Nine new interdisciplinary degree programmes offered in 2024
- New offerings include undergraduate degrees that range from artificial intelligence, and sustainability management and analytics, to philosophy, politics, and economics

To better prepare graduates for jobs of the future, **Nanyang Technological University, Singapore (NTU Singapore)** is launching a series of new academic offerings that cross multiple domains this year.

These include the **Accountancy for Future Leaders – Bachelor of Accountancy (Sustainability Management and Analytics)** and **Bachelor of Social Sciences in Philosophy, Politics, and Economics**.

Other new courses available to incoming undergraduates are the **Bachelor of Science in AI and Society**, the **Bachelor of Applied Computing in Finance**, and the **Bachelor of Chinese Medicine**.

NTU Deputy President and Provost Professor Ling San said: “Today’s rapidly evolving job landscape requires graduates with diverse and flexible skillsets, together with knowledge on how best to put their skills into practice. NTU’s latest multi-domain academic offerings are designed to prepare future-ready graduates with interdisciplinary knowledge who can thrive in a competitive global economy. The new degree programmes straddle multiple disciplines in traditional and emerging fields, giving them the chance to seize opportunities in a range of existing and upcoming industries.”

Multi-domain academic offerings

NTU’s newest academic offerings aim to provide undergraduates with essential interdisciplinary and multi-domain knowledge.

The **Accountancy for Future Leaders – Bachelor of Accountancy (Sustainability Management and Analytics)** offered by Nanyang Business School is a premier programme that contributes to the national effort to strengthen Singapore’s position as a financial hub.

The integrated curriculum was closely developed in line with the work of the Accountancy Workforce Review Committee which was jointly set up by the Ministry of Finance and the Accounting and Corporate Regulatory Authority (ACRA). The programme weaves together sustainability management and analytics – two key emerging areas in the future economy.

This four-year degree provides students with an **accelerated pathway to attaining Chartered Accountant (Singapore) status** through exemptions for the Singapore Chartered Accountant Qualification (SCAQ) and a **minimum 30-week accountancy-related internship** with ACRA-accredited training organisations. The internship contributes to the mandatory three-year practical experience required for qualification as a Chartered Accountant and comes with a competitive stipend.

Overall, the programme allows students to accumulate professional credentials while pursuing their degree and accelerating their professional status soon after graduation.

ACRA Chief Executive Mr Ong Khiaw Hong said: “We are confident that this work-study programme will provide accountancy students with early industry exposure through practical work opportunities and the essential sustainability and analytics skills to prepare them to be future leaders of the sector.”

The **Bachelor of Social Sciences in Philosophy, Politics, and Economics**, offered by the College of Humanities, Arts and Social Sciences aims to develop Singapore’s next generation of policymakers as policy questions become more complex in the years to come.

Students in this competitive four-year honours degree programme will learn to **integrate multiple disciplinary approaches** in the study of society, politics, the economy, and ethics. They can specialise in two or three chosen disciplines, acquire real-world experience through a compulsory internship, and gain a global outlook through overseas exchange studies.

The curriculum boasts **seven integrated themes**: quantitative methods, Singaporean governance, Asian regionalism, and issues on the interface between science, technology, ethics, and society.

The course prepares undergraduates to be informed on many of the most important shared issues facing Singapore, Asia, and the world in the 21st century. Its multidisciplinary synergies empower students as future leaders to think critically and to make informed choices that shape the world’s future.

Widening perspectives through global experiences

NTU undergraduates can widen their perspective through a range of overseas opportunities, gaining valuable global experience through overseas attachment, study missions and exchange programmes.

Students in the new **Accountancy for Future Leaders** course will have the opportunity to **undertake a study mission** to a country in the region to investigate sustainability-related issues, as well as the chance to attend a **semester-long student exchange** at a top-tier university.

Similarly, undergraduates in the **Philosophy, Politics, and Economics** degree programme will be able to translate theory to practice through a compulsory **internship overseas** or locally, and to go on **overseas exchange**.

There are also plans to set up **overseas clinical internships and exchange programmes** for students taking the new **Bachelor of Chinese Medicine** to expose them to how traditional Chinese medicine is practised worldwide.

Professor Ling San said: “NTU is committed to providing transformative global learning opportunities for our students. The opportunity to learn from all over the world, through exchange programmes or overseas attachments and study missions, provides our future graduates with an expansive international outlook that prepares them for lifelong learning and global citizenship.”

Through collaborations with top universities, employers and Non-Government Organisations across the world, NTU students have the opportunity to build meaningful networks, contribute to social causes, and remain globally competitive.

NTU undergraduate students are able to pursue overseas programmes and activities in over **60 countries**, and the University is ramping up its efforts to provide **6,500 such trips each year**, matching pre-pandemic levels.

New interdisciplinary courses in emerging and traditional fields

The new **Bachelor of Science in AI and Society** degree is a highly competitive four-year interdisciplinary programme which equips students with the necessary mathematical and computing foundations to design and develop high quality AI solutions.

Students will learn about potential misuses of AI that can result in greater inequality, hiring biases, and the propagation of misinformation.

The four-year **Bachelor of Applied Computing in Finance**, jointly offered NBS and

the School of Computer Science and Engineering, provides students with an interdisciplinary education crucial to the digitalisation journey of the financial industry.

The specialisations in this programme combine deep domain knowledge in finance with strong technological and analytical skillsets. They include Financial Analytics and WealthTech, Crypto Asset and Blockchain, and Digital Banking and Security.

NTU's School of Biological Sciences will launch Singapore's first locally conferred Chinese Medicine undergraduate degree programme, accredited by the Ministry of Health's Traditional Chinese Medicine Practitioners Board. The **Bachelor of Chinese Medicine** offers a refreshed curriculum that integrates modern science into a subject with ancient roots.

The new programme plans to integrate technology-enabled learning tools such as virtual and augmented reality into the curriculum and introduce team-based learning to make learning more interactive for students and promote critical and creative thinking.

Four new Masters programmes launched

Postgraduate students can also look forward to several innovative Masters courses.

The College of Humanities, Arts and Social Sciences is offering a new **Master of Arts in Creative Writing and Publishing**, a holistic, skills-based programme that provides students with an opportunity to develop industry relevant, employment ready, creative writing and publishing skills.

The College is also launching a **Master of Arts in Linguistics**, which allows students to holistically develop their interests in linguistics and related fields like psychology, sociology and neuroscience.

Corporate executives and professionals looking to broaden their skillsets in sustainability can enrol in the specialised **Executive Master of Science in Sustainability Management**, which equips them with the knowledge and leadership capabilities to transition their companies to operate within the green economy.

NTU and the National Health Group have also partnered to launch a **Master of Science in Holistic Palliative Care** to boost national capabilities in end-of-life care. This flexible programme caters to healthcare professionals keen on upskilling their knowledge in palliative care on a part-time basis, while allowing them to pursue their existing work and family commitments.

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About Nanyang Technological University, Singapore

A research-intensive public university, Nanyang Technological University, Singapore (NTU Singapore) has 33,000 undergraduate and postgraduate students in the Engineering, Business, Science, Medicine, Humanities, Arts, & Social Sciences, and Graduate colleges.

NTU is also home to world-renowned autonomous institutes – the National Institute of Education, S Rajaratnam School of International Studies and Singapore Centre for Environmental Life Sciences Engineering – and various leading research centres such as the Earth Observatory of Singapore, Nanyang Environment & Water Research Institute (NEWRI) and Energy Research Institute @ NTU (ERI@N).

Under the NTU Smart Campus vision, the University harnesses the power of digital technology and tech-enabled solutions to support better learning and living experiences, the discovery of new knowledge, and the sustainability of resources.

Ranked amongst the world's top universities, the University's main campus is also frequently listed among the world's most beautiful. Known for its sustainability, NTU has achieved 100% Green Mark Platinum certification for all its eligible building projects. Apart from its main campus, NTU also has a medical campus in Novena, Singapore's healthcare district.

For more information, visit www.ntu.edu.sg

Annex A: More information about NTU's latest degree offerings

Accountancy for Future Leaders – Bachelor of Accountancy (Sustainability Management and Analytics)

This premier degree programme weaves together sustainability management and analytics. Students will have the opportunity to undertake a study mission to a country in the region to examine sustainability-related issues.

Modules include:

- Sustainability Reporting
- Sustainable Finance
- Marketing Sustainability for the Next Generation
- Accounting and Audit Analytics
- AI in Accounting & Finance

Bachelor of Social Science in Philosophy, Politics and Economics

The course is organised into seven main themes that highlight the synergy between the three disciplines of philosophy, politics and economics:

- Singapore and Asian Regionalism;
- Ethics, Institutions, and Regulation;
- Intellectual Traditions and Worldviews;
- Decision-making;
- Theory and Methodology;
- Applied Public Policy;
- Quantitative Methods

Modules include:

- Introduction to Political Theory
- Introduction to Public Administration and Policy
- Microeconomics and Macroeconomics
- Moral Philosophy

Bachelor of Science in AI and Society

The curriculum provides a solid technical foundation in AI and extensive practical exposure to ethical AI system design, development, and deployment in real-world settings and across the entire AI lifecycle.

Modules include:

- Machine Learning
- Neural Networks & Deep Learning
- Natural Language Processing
- Computer Vision

- AI for Society
- Ethical AI

Bachelor of Applied Computing in Finance

Jointly offered by Nanyang Business School and School of Computer Science and Engineering, the programme readies students to use technology in creating innovative solutions for the grand challenges facing the finance industry and FinTech sector.

Modules include:

- Sustainable Finance
- Equity Investing with Big Data
- Blockchain Technology
- Artificial Intelligence
- Cyber Threat Intelligence

Bachelor of Chinese Medicine

Students will undergo weekly three-hour clinical training sessions at the NTU Chinese Medicine Clinic to expose them to clinical settings. They will also be required to go for two-month internships at partner TCM institutions at the end of every semester.

Modules include:

- Acupuncture & Moxibustion
- Clinical acupuncture
- TCM Tui-Na
- Internal Medicine of TCM
- Modern Internal Medicine

Master of Arts in Creative Writing and Publishing

Targeted at professionals and executives in the writing, publishing and editing industry, this programme allows students to take courses in either creative writing or publishing. Students also learn about digital design and publishing in emerging digital technologies, and have the option to either write a creative thesis or undertake an internship in a related industry.

Master of Arts in Linguistics

The programme provides a holistic education across elements of language and communication at a deeper level. On top of the core Linguistic course, students can select courses in psycholinguistics, sociolinguistics, and language structure concentrations.

Executive Master of Science in Sustainability Management

As Singapore transitions to a green economy, this programme equips executives and professionals with the skills to address sustainability challenges and implement sustainable practices in organisations. The specialised graduate business degree programme covers a wide range of topics at the intersection of business and the environment, such as climate change and sustainable finance.

Master of Science in Holistic Palliative Care

The MSc in Holistic Palliative Care is designed for working healthcare professionals to upskill and expand their knowledge in palliative care. The flexible programme caters to learners of different levels, from basic foundational knowledge in medical, psychosocial, and practical aspects of palliative care, to higher-order topics such as research, economics, communication, and specialised paediatric aspects of palliative care practice.

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