

**ICC Specialist for Science & Technology for Humanity
Nanyang Technological University**

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Posted Feb. 18, 2025, set to expire Jun. 19, 2025

Job Title	ICC Specialist for Science & Technology for Humanity
Department	Interdisciplinary Collaborative Core (ICC) Office
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Feb. 18, 2025
Application Deadline	Apr. 30, 2025
Position Start Date	Available immediately
Job Categories	Lecturer/Instructor
Academic Field(s)	Sciences - General
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/ICC-Specialist-for-Science---Technology-for-Humanity_R00019831
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Apply By Email

Job Description

Young and research intensive, Nanyang Technological University, Singapore (NTU Singapore) is ranked among the world's top universities.

The Interdisciplinary Collaborative Core (ICC) Office at NTU Singapore oversees new curricula focusing on key transferable skills and global challenges using interdisciplinary approaches to learning.

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The rapidly changing nature of work, compounded by the relentless speed of innovation, necessitates that our graduates constantly acquire new knowledge and competencies, and adapt to several career changes over their lifetimes. As forward-looking educators, we are in continual pursuit of providing a holistic education grounded in future-ready skills which will prepare our graduates for lifelong learning and global citizenship.

Such an education needs to transcend the traditional boundaries of disciplines to address the nexus between theoretical and practical learning; “hard skills” and “soft skills”; and core curriculum and co-curriculum. Hence, NTU launched a new curriculum structure in 2021 to address these needs, featuring a range of Interdisciplinary Collaborative Core (ICC) Courses.

The Interdisciplinary Collaborative Core (ICC) Office invites applications for a Specialist/ Senior Specialist position for a course titled ‘**Science & Technology for Humanity**’ at Nanyang Technological University.

The course aims to inspire a long-lasting mindset of awareness, critical thinking, curiosity, and collaboration across disciplines through the lens of contemporary and near-future challenges for human communities in relation to scientific and technological innovations. Students will learn to perceive and analyze the potential benefits and costs of scientific/technological innovations and applications from different perspectives and on different scales. Students will then use these skills to identify real-life challenges and to propose solutions.

Responsibilities

The hired Specialist/ Senior Specialist will have the following responsibilities:

- **Teaching and Facilitation:** Conduct all teaching assignments through both face-to-face and virtual delivery, ensuring effective engagement and learning.
- **Course Planning and Development:** Develop instructional plans (course outlines/syllabi) that meet university standards, while continuously designing, refining, and improving lesson plans, activities, assignments, and rubrics to enhance student learning.
- **Student Engagement:** Foster active class discussions and ensure high levels of student participation and engagement throughout the course.

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- **Course Administration and Coordination:** Manage administrative tasks, including course evaluation, maintaining attendance records, updating online course materials, and providing academic counselling to support student progress. When called upon to serve as a Course Coordinator, the responsibilities include leading the course and overseeing all course level administrative and policy matters to ensure the smooth running of the course. Course Coordinators are also expected to work closely and collaboratively with other instructors and relevant stakeholders.
- **Assessment and Feedback:** Conduct assessments, grade assignments, provide timely feedback, and address student consultations on both academic and non-academic matters.
- **Resource Development:** Create and maintain course materials and learning resources to support and enhance student learning experiences.
- **Progress Monitoring and Reporting:** Provide regular updates on course performance and student progress for reporting and strategic planning purposes.
- **Team Collaboration:** To collaborate with other staff and faculty to maintain a positive and supportive environment for all stakeholders.
- **Professional Conduct:** Uphold values of integrity, care, respect, impact, service and partnership in all activities undertaken for, or on behalf of, NTU.
- **Other Duties:** Perform additional responsibilities as assigned.

Personal Attributes

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Candidates should possess the following attributes:

- Modeling curiosity and a passion for knowledge to inspire students and a willingness to embrace new technologies and innovative approaches.
- Ability to develop engaging and interactive learning experiences and to find new ways to relate concepts to real-world applications.
- Strong communication skills with the ability to clearly explain complex concepts and instructions.
- Skilled in active listening to understand student perspectives and concerns.
- Have the capacity to encourage students to think deeply and critically about course material and to guide them through problem-solving and complex discussions.
- Ability to work with students as partners in the learning process and to encourage peer collaboration and group activities in class.
- Skilled in leading discussions and guiding group activities without dominating them to encourage

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- active participation, questioning, and dialogue among students.
- Ability to design and manage class schedules, pre-class materials, and in-class activities and to keep track of student progress and provide timely feedback.
- Familiarity with learning management systems, video platforms, and collaboration tools.
- Committed to continuous improvement in teaching practices.

Requirements

Candidates with the following qualifications are encouraged to apply:

- Masters or PhD training in STEM fields.
- Teaching and mentoring experience. Experience with team teaching is preferred.
- Interest and/or proficiency in technology-enhanced learning (e.g., developing online learning activities and assessments, creating lectures to be streamed online).
- Passionate and well informed on the development and progress of technology in general and have good understanding of the intersection of technology and humanity.
- Ability to work in a team.
- A demonstrated potential for scholarship is an advantage.
- This position is best suited for those with prior relevant experience.

Emoluments

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Salary is competitive and commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package.

Application Procedure

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The closing date for applications is **30 April 2025**. Only shortlisted candidates will be notified. Applicants are invited to submit their applications (cover letter, CV, research and teaching statements, and Google Scholar citation report if available).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Ng Soke San
NTU Shared Services (HR Faculty)
Nanyang Technological University
Singapore
Singapore

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