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# SINGAPORE UNIVERSITY OF SOCIAL SCIENCES

## SCHOOL OF SCIENCE AND TECHNOLOGY

### Overview

As one of the six autonomous universities in Singapore, Singapore University of Social Sciences' mission is to provide lifelong education, equipping learners to serve society. Home to more than 14,000 students, Singapore University of Social Sciences adopts a flexible and practice-focused learning approach, and offers more than 60 degree programmes in various disciplines. Eligible part-time undergraduate students who are Singapore Citizens and Singapore Permanent Residents enjoy government subsidies and access to government bursaries, tuition fee loans and study loans.

### About School of Science and Technology

The School of Science and Technology (SST) is multi-disciplinary in nature and offers a wide range of degree programmes that includes Infocomm Technology, Multimedia, Aerospace Systems, Biomedical Engineering, Electronics Engineering, Human Factors, Facilities and Events Management, Building and Project Management, and Mathematics. The combination of high-quality curricula and dedicated teaching staff offers students a well-rounded education that enhances their knowledge and learning in science and technology, as well as provide them with greater opportunities to develop intellectually and professionally and expand their range of career paths.

### BEng Aerospace Systems

The SST's Bachelor of Engineering Aerospace Systems provides a firm grounding in aerospace engineering (structure, aerodynamics, control, propulsion, design), avionic systems and aviation management. It is designed for individuals aspiring to excel in the aerospace industry as well as those of you who are keen on enhancing your knowledge, skills and understanding of aviation.

In addition, our partnership with a world renowned aerospace academic institution, Cranfield University together with our local industry partners such as ST Aerospace and Republic of Singapore Air Force ensures that our curriculum stays relevant to the industry.

The SST's approach towards education has always hinged on the philosophy of "learn in class at night, apply at work the next morning". And this is only possible because our teaching staff are in touch with the cutting edge of the industry. We collaborate with industry and engage many of their senior management to develop and



teach in our courses, exposing the students to the best practices in the industry within the classroom.

Having said that, we have a unique course embedded in our programme which essentially provides a level of exposure not commonly featured elsewhere:

### A Primer on Aerospace and Aviation at Cranfield University

This is a five-day, full-time course conducted in Cranfield University whereby the students are taken up on a flight sortie in a customised Jetstream 31 airplane to learn how to evaluate flight performance of an aircraft. The other parts of the programme cover aspects of wind tunnel testing, airport operations, accident and emergency handling, accident investigation and structural integrity, all taught by renowned academic staff from Cranfield University.

### Join us

Apply online at [suss.edu.sg/apply](https://suss.edu.sg/apply) or call us for more information.

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