

COLLEGE OF ENGINEERING



Ranked **1ST IN ASIA AND SINGAPORE** and **5TH IN THE WORLD** for Engineering and Technology in the latest Quacquarelli Symonds (QS) World University Rankings by Subject 2018, NTU College of Engineering is a recognised leader in engineering research, practice and education.



Comprising **SIX SCHOOLS**, each driving innovation in new areas, the College is nurturing and empowering a new generation of engineers to meet the various challenges of the new world.



Our **BROAD-BASED and MULTIDISCIPLINARY CURRICULUM** which integrates engineering with the arts, humanities, business and social sciences, coupled with professional internships and global immersion programmes not only equip students with **TECHNICAL COMPETENCIES** and **SOFT SKILLS**, but also impart **GLOBAL-MINDEDNESS** and **INTER-CULTURAL COMPETENCE**.

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES



The College of Humanities, Arts and Social Sciences is a union of four Schools and two Centres. They are the School of Art, Design and Media; the School of Humanities; the School of Social Sciences; the Wee Kim Wee School of Communication and Information; the Nanyang Centre for Public Administration; and the Centre for Liberal Arts and Social Sciences. The College provides a curriculum of both breadth and depth, places strong emphasis on analytic and communicative competence as a desired learning outcome, and is committed to promoting internationalisation and cross-cultural understanding.

ACCREDITATION

All Engineering programmes offered by NTU College of Engineering are accredited by The Institution of Engineers Singapore, the Singapore signatory to the Washington Accord, through its Engineering Accreditation Board. The Washington Accord is an international agreement for mutual recognition of substantial equivalence of engineering academic programmes worldwide, in satisfying the academic requirements for the practice of engineering as a profession.



**NANYANG
TECHNOLOGICAL
UNIVERSITY**
SINGAPORE

College of Engineering

DOUBLE DEGREE IN ENGINEERING AND ECONOMICS

College of Engineering
Nanyang Technological University, Singapore

70 Nanyang Drive,
Block N1.3, Level B1-01,
Singapore 637457
Tel: +65 6316 8896
Fax: +65 6896 8757

www.coe.ntu.edu.sg

Get the latest College of Engineering news
and campus highlights by following us on:

 NTUCollegeOfEngineering

 ntucoe

Reg. No. 200604393R

Information is accurate at time of print and subject to change without prior notice and obligation.



The Double Degree in Engineering and Economics programme, jointly offered by the **College of Engineering** and the **College of Humanities, Arts and Social Sciences**, aims to equip graduates with excellent knowledge and competency in engineering and economics.

Engineering underpins quality of life and economic activity. It is the art of applying science to create and enhance technology to benefit humanity. Very often, the decisions and choices in engineering design, process, product and innovation are influenced by economic considerations. The ultimate purpose of engineering and economic endeavours can be seen as meeting human's needs and wants in the presence of resource scarcity. Hence, these two disciplines are mutually inspirational and complementary.

With intensifying global competition, growing resource scarcity, and escalating societal and environmental concerns, engineers of the future will face increasing challenges to reconcile engineering activities with these considerations. The combined interdisciplinary qualities of an engineer and an economist will be highly valued in today's globalised environment where insatiable demand for new products and processes, as well as increasingly complex economic conditions, are creating both opportunities and threats for companies and nations.

By having an advanced understanding of the integrative relationship between engineering and economics, graduates of this programme can better contribute to the nation's wealth and economy through the diverse career potentials in the public and private sectors.



PROGRAMME STRUCTURE

The Double Degree in Engineering and Economics programme integrates the requirements of both the Bachelor of Engineering in a chosen Engineering major and Bachelor of Arts in Economics within 5 years.

Students can choose from 11 Engineering majors, as follows:

- Aerospace Engineering
- Bioengineering
- Chemical and Biomolecular Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical and Electronic Engineering
- Environmental Engineering
- Information Engineering and Media
- Materials Engineering
- Mechanical Engineering



**BUILD AN ECONOMY,
ENGINEER A NATION**

DOUBLE DEGREE IN ENGINEERING AND ECONOMICS

GRADUATION

Students taking this double degree programme will graduate with 2 Bachelor degrees –

Bachelor of Engineering (Honours)
in a chosen Engineering major and
Bachelor of Arts (Honours) in Economics.



CAREER PROSPECTS

Armed with two honours degrees – Bachelor of Engineering (Honours) in a chosen Engineering major and Bachelor of Arts (Honours) in Economics, graduates can expect more career options in the engineering and economics-related industries and beyond. Engineers with strong economic knowledge are also better equipped for management positions as they move up the corporate ladder. To the enterprising individuals, technical prowess and a good grasp of economic principles are essential for the sustenance of free enterprises and entrepreneurship.

ADMISSIONS REQUIREMENTS

Please visit www.coe.ntu.edu.sg/MSR for the Minimum Subject Requirements for this programme.

TUITION FEES AND SCHOLARSHIPS

The tuition fees for the Bachelor of Engineering (Honours) in a chosen Engineering major and Bachelor of Arts (Honours) in Economics programme will be pegged to the fees for the Bachelor of Engineering programmes. Eligible students may be considered for scholarships that include fully-paid subsidised tuition fees and living allowances. Scholarship terms and conditions apply. For more information on tuition fees and scholarships, please see www.admissions.ntu.edu.sg.

INFORMATION AND ENQUIRIES

For more information and enquiries on the Double Degree in Engineering and Economics programme, please visit www.coe.ntu.edu.sg/DDEngEcon.

