NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE



OLLIE BURT **PHYSICS**

The University

- Ranked **14th top university in the world** in 2023 by QS World University Rankings, 2nd in Asia
- Campus university with **25,000** undergraduate students and **10,000** graduate students from **76** countries
- **7,700** faculty, researchers and staff from **72** countries
- **25** Halls of residence with **14,000** students living on campus
- **16** food courts with **120** food stalls in total, as well as **30** restaurants

The Nanyang Technological Institute was set up in 1981 on the grounds of the former Nanyang University to educate engineers, and merged with the National Institute of Education in **1991 to form what is now Nanyang Technological University**. It became autonomous in 2006, and is currently the second largest public university in Singapore.



Semester 1

- Chinese Language Level I
- Quantum Mechanics II
- Biomedical Imaging & Sensing
- Photonics
- Introduction to Experimental Particle Physics

Semester 2

- Quantum Field Theory
- Introduction to General Relativity
- Physics of Semiconductors
- Discrete Mathematics
- Popular Music Arrangement with Technology





Campus Life

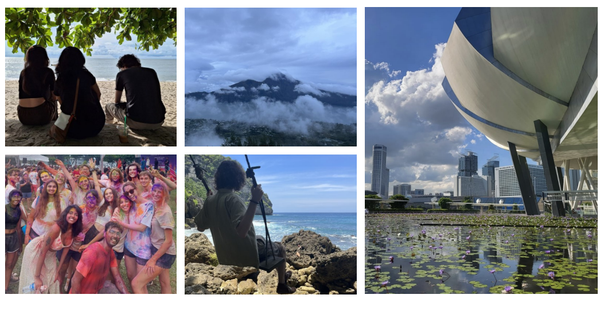
- A wide **variety of courses** across the sciences & engineering, as well as many electives to choose from
- For most modules **coursework** plays a large role, often with multiple midterms, problem sheets, papers, group projects and presentations, all graded, set throughout the semesters
- **Over 100 clubs & societies**, ranging from cultural, academic, sports, arts, religious and hall–specific communities
- **Free bus service** that runs throughout the day across the whole campus to all halls
- Most **rooms in halls are shared between 2 students**, however single rooms are available
- Students ordinarily eat from one of the many canteens for every meal, where you can buy food from a range of cuisines for around **£2 to £3**





Culture

- Influence from **Chinese, Indian and Malay** culture as well as many other countries, with 4 official languages
- Many yearly celebrations held across the city such as **Chinese New Year**, **National Day**, **Hari Raya Puasa (Eid)**, **Deepavali**, **Good Friday** and more
- Singapore's location and prominence as a hub in south-east Asia means **cheap travel** to and from Malaysia and several other nearby countries









The City

- Population of **5.5 million**, a mixture of dense metropolitan area, smaller suburbs and plenty of green spaces and nature reserves
- NTU Campus is located in the far west of Singapore, around a **40 minute journey to the centre of the city**
- **MRT** system allows cheap and quick travel throughout most of the country via railway, as well as regular busses
- Many famous **sights and activities** such as Gardens by the Bay, Marina Bay Sands, the National Gallery, Treetop Walk, Singapore Zoo, Sentosa Island, Bird Paradise—most are free or discounted for students

The NTU campus is a fair distance from central Singapore—Jurong is the closest region, walkable from campus or a short bus ride away, and home to some of the country's **hundreds of shopping malls and hawker centres**.