



# EMPOWERING YOU FOR A WORLD OF POSSIBILITIES

World-Class Faculty

Future-Ready Curriculum

Overseas Opportunities

State-of-the-Art Facilities



Discover how our programme equips you with the skills needed to thrive in today's technological landscape and launch a career in this fast-growing industry.

Apply for NTU's B.Eng.(Robotics) today.

Scan Here to **Learn More**



#### Stay Updated

-  [linkedin.com/in/ntumae](https://www.linkedin.com/in/ntumae)
-  [facebook.com/ntumae](https://www.facebook.com/ntumae)
-  [instagram.com/ntu\\_mae](https://www.instagram.com/ntu_mae)

#### Contact Us

[askMAE@ntu.edu.sg](mailto:askMAE@ntu.edu.sg)

#### Locate Us

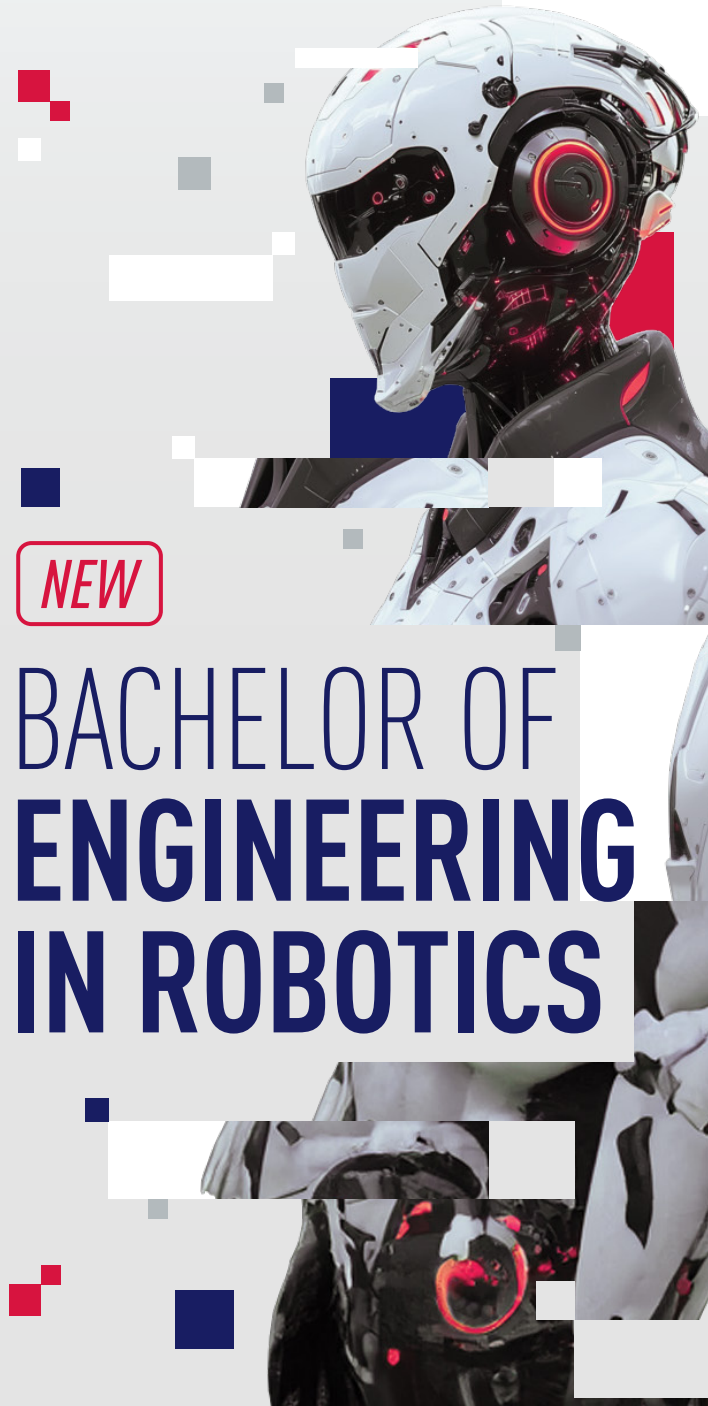
Nanyang Technological University  
School of Mechanical & Aerospace Engineering  
50 Nanyang Avenue, Singapore 639798



School of Mechanical and  
Aerospace Engineering  
College of Engineering

**NEW**

# BACHELOR OF ENGINEERING IN ROBOTICS





# PIONEER THE FUTURE OF ROBOTICS

Unlock the future of **Robotics and AI** with NTU's cutting-edge curriculum

- Robotics engineering is set to be one of the fastest growing global careers by 2027<sup>1</sup>
- 12 million new robotics-related jobs will emerge across various sectors by 2025<sup>2</sup>
- Robotics and AI are driving industry innovation and growth<sup>3</sup>

Sources:

1. World Economic Forum's Future of Jobs Report 2023
2. International Federation of Robotics, The Impact of Robots on Productivity, Employment and Jobs, Sep 2023
3. Forbes, Why robotics and artificial intelligence are the future of mankind. Helfrich, T. 2022

## WHAT WILL YOU LEARN IN NTU'S FUTURE-FORWARD ROBOTICS PROGRAMME?

Full-Spectrum Robotics Experience

Versatile

Specialised



### Robot **User**

Transform robots for various industry applications with hands-on robotics projects



### Robot **Integrator**

Optimise robot performance with advanced system integration for practical solutions



### Robot **Builder**

Engineer intelligent robots with AI and advanced hardware to solve real-world challenges

## WHY STUDY ROBOTICS AT NTU?

NTU's Robotics Programme emphasises a balance between modern learning and hands-on experience. Our curriculum and practical projects provide a holistic journey, equipping you with the in-demand skills for future career opportunities.



### Multidisciplinary Programme

Master a blend of mechanical, electrical, and computer engineering, along with AI and intelligent mechatronics



### Future-Forward Pedagogy

Combines theoretical knowledge with hands-on experience to meet evolving industry demands



### Long-Standing Excellence

40 years of excellence in mechanical and robotics engineering, with an extensive network of over 20,000 alumni

