

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 2027¹
- 12 million new robotics-related jobs will emerge across various sectors by 2025²
- Robotics and AI are driving industry innovation and growth³

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

25 years of excellence in robotics, with an extensive network of over 1,000 alumni

