

NTU PACE - University Immersion Programmes

Artificial Intelligence and Digital Applications

Fundamentals of AI and Machine Intelligence Concepts & Applications

AI & GPT

Artificial Intelligence Applications

Introduction of Artificial Intelligence

Machine Learning and Its Applications

Mastering Generative AI: From Data to Decisions

Preparing for Cyber Security

Robotic Process Automation (RPA)

Software Engineering

The Power & Possibilities of AI

Theories and Applications in Artificial Intelligence

Understanding the Power of AI

Analysis of Signals and Communication Systems

Understanding Machine Learning and Computer Vision

Business, Leadership & Communication

Business, Innovation & Digitalization

Communication, Technology & Society

Human Resource Management

Mastering Leadership in a Dynamic World

Strategic Analysis and Business Model Design

Data Analytics

Advanced Mathematical Methods

Applied Mathematics with applications in Big data, Business and Finance

Business Data Analytics

Business Data Analytics and Business Management

Data Science and Analytics

Python with Data Analytics

Engineering, Materials and Technologies

Digital Communication Principles and Application of Deep Learning Algorithms

Fundamentals of Aerodynamics

5G Communication and Beyond

Digital IC Design

Engineering Materials

Introduction to Biomedical Engineering

Introduction to Materials Chemistry

Modern Electric Motor Drives for Electric and Hybrid Vehicles

Modulation and Digital Communication Principles

Motor Technology and Application in EV

Materials Science to Engineering

Introduction to Aircraft Design

Sustainability, Energy and Urban Systems

Carbon Neutrality

Coastal, Shipping Management and Offshore Engineering Applications

Navigating the Future: Energy Transition

Offshore Engineering Applications and Water Management
Urban Planning, Construction & Buildability
Water Practices in Singapore and Smart Water Conservancy
Renewable Energy Systems in Smart Grid
Petroleum and Petrochemical Industry in Singapore: Operations, Digitalization, Distribution and Safety
Energy Systems, Clean Energy Technologies and the Future of Petroleum

Education

A Scientific Look at Psychology and Culture
STEM-SMART Inquiry-based Learning for Educators of the Future
The Singapore Education System and Future-Ready Learners
AI in Education

Finance and Financial Technology

FinTech and the Future of Finance
Sustainable Finance
Overview of Popular Career paths-, from Cryptography, Finance, to Internet

Healthcare, Biotechnology & Life Sciences

Infectious Diseases and Future Health
Life Sciences
Ageing in Asia – Challenges & Opportunities
Integrated Photonic Chips for Biotechnology and Environment

Industry 4.0, Robotics and Smart Manufacturing

Fundamental of Robotics
Industry 4.0: Technologies and Applications
Manufacturing Systems with AI Technologies
Mechanical Engineering and Artificial Intelligence
Robotic Sensing and Control
Robotics, Automation and Internet of Things
Smart Manufacturing
Technologies of Robotics
3D Printing
AI-Integrated Autonomous Vehicles

Innovation & Entrepreneurship

Enterprise & Innovation
Innovation & Entrepreneurship in a Digital Future

Media

Communicating Visually
Introduction to Digital Media Art
Visual Journalism

Politics and Government

Growth and Public Policy
The Cycle of Public Policy Making

Others

