

DESIGN AND ARTIFICIAL INTELLIGENCE (DAI)

| JAN - APR | MAY - AUG | SEP - DEC |
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| | | TERM 1 Modelling & Analysis Physical World Computational Thinking for Design Global Humanities: Literature, Philosophy & Ethics (HASS) |
| TERM 2 Modelling Space & Systems Technological World Science for a Sustainable World Design Thinking & Innovation | Vacation/ Summer Programme | TERM 3 Modelling Uncertainty Social Science: Understanding Behaviour, Culture & Society (HASS) Any 2 electives: Science & Technology for Healthcare Data Driven World Designing Energy Systems Spatial Design World |
| TERM 4 Algorithms AI Applications in Design Product Design Studio HASS | | TERM 5 Machine Learning Human Computer Interaction & AI Service Design Studio HASS |
| TERM 6 Applied Deep Learning Systems Design Studio Elective HASS | Vacation/ Internship/ Summer Programme | TERM 7 Capstone Spatial Design Studio Elective HASS |
| TERM 8 Capstone Elective Elective HASS | | |

● Freshmore Subject
 ● Core Subject
 ● Humanities, Arts & Social Sciences (HASS) Subject
● Elective (AI/Design Innovation/Business)
 ● Capstone

Endorsement from the industry

“The programme will equip the students in design discipline with the much needed complementary AI skills for them to differentiate themselves further.”
- Dr. Terence Hung, Chief of Future Intelligence Technologies, Rolls Royce

“AI is a new area. Designing AI into a traditional engineering system is often an afterthought. An AI-capable system should incorporate AI into its design at the onset. It will benefit the industry if AI & DI can be fused seamlessly into all AI product designs.”
- Dr. Peh Chin Hwee, Vice President, Head of Intelligent Systems (Robotics & Autonomous, Systems), ST Engineering

“The DAI looks to me, an excellent program to generate the future AI talent for business and consultancy.”
- Mr. Hong Cao, Head of Data Science, Ernst & Young LLP