SUTD MINORS

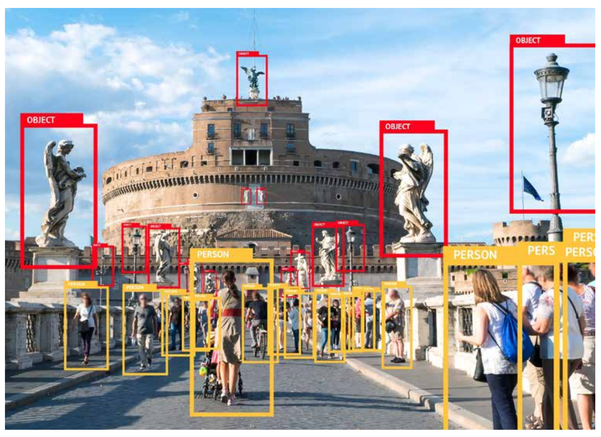
SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

To meet the diverse needs and challenges of the digital economy, SUTD has launched new multidisciplinary university minor programmes focused on entrepreneurship, artificial intelligence, digital humanities, health informatics and computational social sciences; as well as pillar minors in Engineering Product, Engineering Systems and Information Systems.

A minor programme is a coherent course of study in an additional area outside of the major. It contributes to your breadth of learning and may allow you to gain a competitive advantage in the workplace by being conversant in topics beyond your major. A minor programme consists of a collection of five subjects required by the department offering the minor, two of which may be cross-listed as meeting the major requirements while the remaining three may be taken as technical electives.

From 2019, all incoming undergraduate students majoring in DAI, EPD, ESD or ISTD will have the opportunity to select a minor on top of the major, subject to considerations such as your pillar/track requirements, timetabling and availability of course(s) during enrolment. You get to indicate your preferred minor after you have made your choice of major at the end of Term 3. Both the major and minor requirements must be completed within the normal candidature of the undergraduate programme, i.e. 8 terms.

MINORS



Artificial Intelligence (AI)

- Provides foundation, theory, and applications of artificial intelligence (AI) technology.
- Equips students with knowledge and skills to solve real-world problems using AI technology.

Design Innovation, Ventures and Entrepreneurship (DIVE)

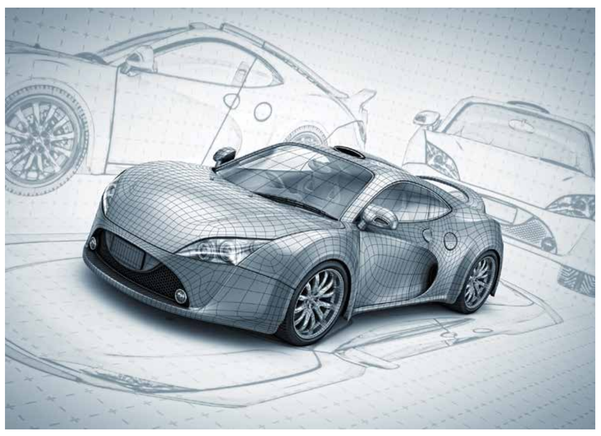
- Equips students with systematic theory, knowledge and skills for design-centric innovation and entrepreneurship.
- Prepares students for career development in technology-based startups or playing innovative and transformational roles in companies, organisations or governments.

Design, Technology and Society (DTS)

- Analyses the social dimensions of design processes and projects critically.
- Educates future design practitioners who are interested in analysing the wider social impacts of their design and engineering work.

Digital Humanities (DH)

- Vests students with digital skills and theoretical frames to capture and analyse diverse arts and humanities content.
- Apply and develop digital methods in archiving, analysis and visualisation of arts and humanities content for the purposes of interpretation, reasoning and communication.



Engineering Product (EP)

- Enables students to combine technical depth in their chosen engineering discipline with skills and fundamentals required in the design, development and realisation of novel products, devices, processes and methodologies.
- Fulfils industry needs for engineering leaders that possess technical depth in their own discipline and pioneering product development capabilities.

Engineering Systems (ES)

- Combines technical depth in either Information Systems Technology and Design (ISTD) or Engineering Product Development (EPD) with expertise in the tools of technology management (operations research and engineering systems).
- Fulfils a long-expressed need in industry for "T-shaped Engineers", i.e. engineers with both technical depth in their chosen discipline and exposure to more broad-based systems and managerial viewpoints.

Information Systems (IS)

- Equips students with technical depth in either Engineering Product Development (EPD) or Engineering Systems and Design (ESD), and expertise in computing, information system, and algorithm thinking.
- Meets current and future industry needs for engineers who possess technical expertise in their chosen discipline and ability to design solutions for challenging problems that require computing as a core element.

Healthcare Informatics (HI)

- Provides breadth of learning in health informatics for students to gain a competitive advantage in a healthcare setting.
- Allows students to extend their interests in MedTech, healthcare systems and technologies as well as data science.