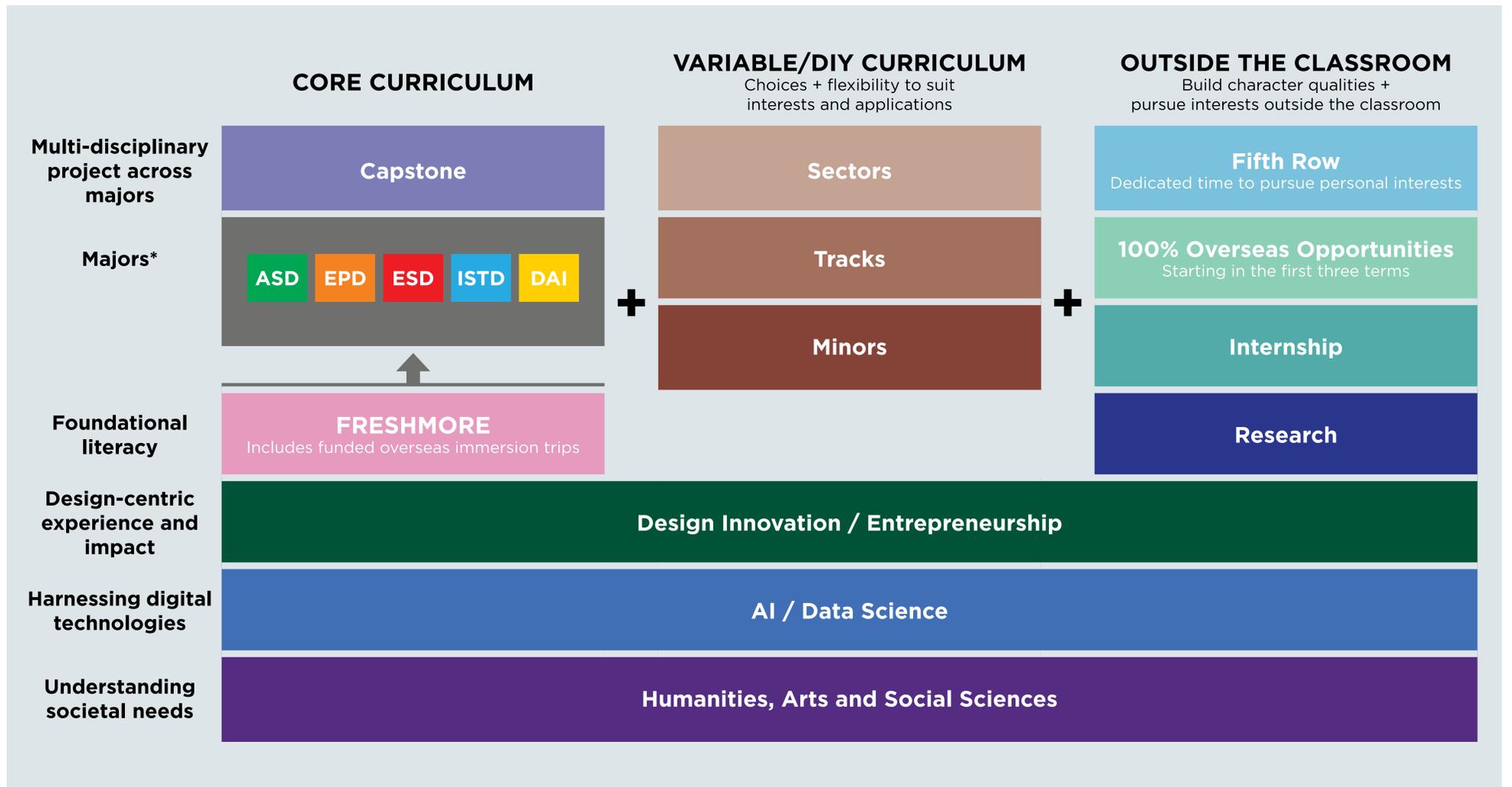


# DEFINING THE FUTURE OF ARCHITECTURE, COMPUTING AND ENGINEERING



\* **ASD** - Architecture and Sustainable Design    **EPD** - Engineering Product Development    **ESD** - Engineering Systems and Design    **ISTD** - Information Systems Technology and Design    **DAI** - Design and Artificial Intelligence

## SUTD's curriculum

is designed to prepare students for the future, based on a unique outside-in approach that starts with the industry's evolving needs that also delves deep into the challenges of today's world.

### CORE CURRICULUM

The core curriculum applies to all enrolled students. It provides students with a strong foundation in Science, Mathematics, Humanities, Arts and Social Sciences, design thinking and critical analysis skills.

### VARIABLE/DIY CURRICULUM

We believe in providing flexibility for students to choose their own pathways. After selecting their majors, students have the options to pick tracks, sectors and minors that suit their passions.

### OUTSIDE THE CLASSROOM

Students have opportunities to participate in Fifth Row (i.e. co-curricular) activities, research, funded overseas trips, summer programmes, and internships that broaden perspectives, improves communication skills and provides an outlet to be challenged beyond the classroom.



### BIG-DESIGN

Design is prevalent at SUTD. It covers all technically grounded design, including products, processes, services, and systems that involve the full value chain. SUTD's vibrant design and hands-on culture is supported by the 4-Dimensional Big-Design (4D Big-D) framework.

### ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

To be prepared for the digital economy, students will be equipped with knowledge in artificial intelligence/data science (AI/DS) throughout the curriculum from Freshmore year onwards.

Students interested to acquire deeper knowledge in AI/DS may take up an AI Minor or an AI Track offered by ISTD.

### HUMANITIES, ARTS AND SOCIAL SCIENCE

Students are required to take up to seven modules in HASS. HASS subjects complement technical subjects to ground students in the practice of inquiry, analysis, interpretation and presentation. This develops critical thinkers who understand societal needs.