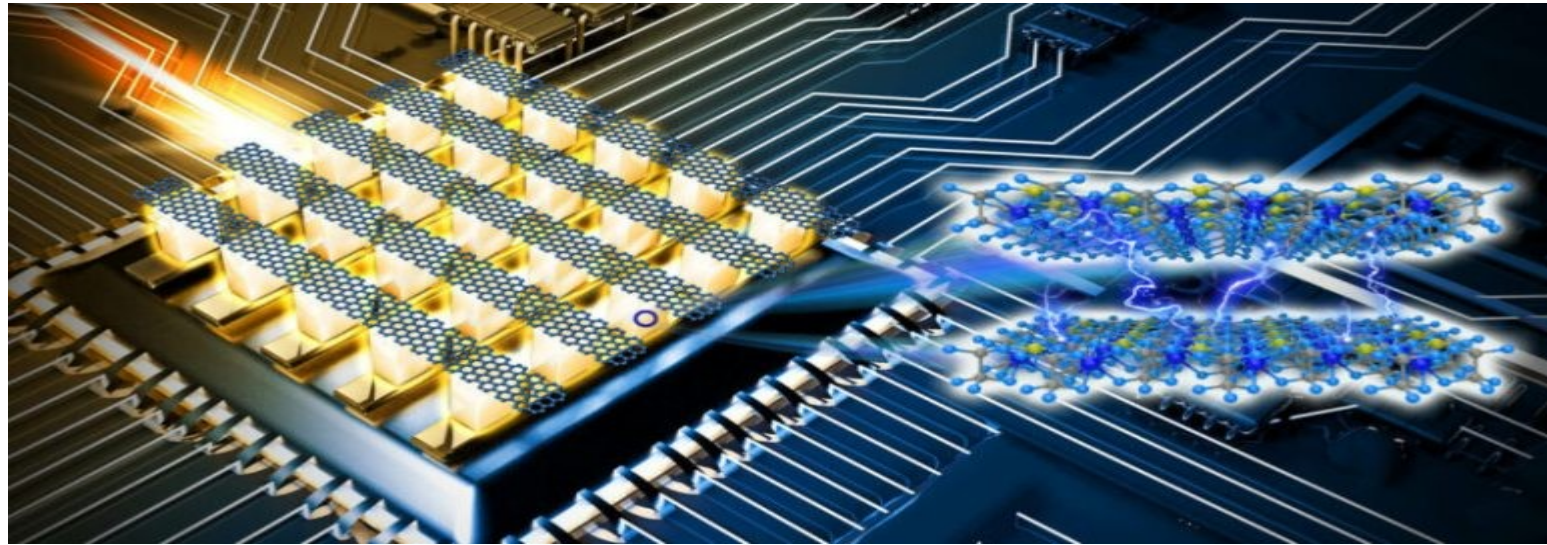


Branch: Electrical engineering



Code: ELDAEN

Option: Electronic and data engineering

Level: Bachelor

Prerequisites: Scientific baccalaureate or equivalent

Opportunities:

Drawing on UUT's expertise in areas such as semiconductor physics, circuit design and sensors and power electronics, students can apply the emerging digital technologies that are set to revolutionize the electronics and semiconductor manufacturing industry.

Description

Developed in response to the growing demands of the electronics industry in Singapore and around the world, this unique program combines the concepts of electronics and data engineering to equip students with the skills needed for the digital workforce.

Specific competences:

Graduates of this program will be equipped with in-depth knowledge of semiconductor physics and circuit design, as well as intensive mathematics for data science and machine learning.

Quality and competences

Students will be equipped with the fundamentals of electronics and emerging technologies to revolutionize electronics manufacturing operations. Examples of emerging technologies covered by the program include AI, IOT, data analytics, robotics and automation.