

Career Prospects

- ✓ *IC Design Engineer*
(Analog/Digital/Mixed-signal)
- ✓ *Physical Design Engineer*
- ✓ *IC Layout Engineer*
- ✓ *ASIC/SoC Design Engineer*
- ✓ *Failure Analysis Engineer*
- ✓ *Yield Engineer*
- ✓ *Test Engineer*
- ✓ *Semiconductor Process Engineers*
- ✓ *Verification Engineer*
- ✓ *Reliability Engineer*
- ✓ *R&D Development Engineer*
- ✓ *Design for Testability (DFT) Engineer*
- ✓ *Field Application Engineer (FAE)*
- ✓ *Production/Process Control Engineer*
- ✓ *Post-Silicon Validation Engineer*

...and many more E&E
engineering positions!



Contact Us

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**Bachelor of
Electronic Engineering
(Semiconductor and
Integrated Circuit
Design) with Honours**

Join Us!

**New student admissions
for 2026/2027 session**

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Shaping Talent Pipeline, Powering the Semiconductor Future

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Program Details

Duration: 4 years (Full-time)

Credits: 135

Start Date: October 2026

Semester 1, 2026/2027

Provisional Accreditation: MQA, EAC

NEC: 0713-Electronics and Automation

Scan for Curriculum Structure



Highlights of The Programme

1

Industry-infused Curriculum:
Designed to meet the growing
demand for talent in the global
semiconductor and IC design sectors
and Malaysia's National
Semiconductor Strategy (NSS)

2

Cutting-edge courses tailored for the
semiconductor industry:
*Programming Language for IC
Design, Embedded System with
SoC, Advanced Physical Design,
and Design for Test*

3

Access to state-of-the-art
laboratories, industry-standard
design tools, and real-world
projects.

4

Strong Industry Linkages:
Opportunities for internships,
collaborations, and career pathways
with leading semiconductor
companies.

5

Future-Proof Career with premium
salary – Be part of one of the world's
most critical and rapidly expanding
industries.



Why Choose this programme?

Bachelor of Electronic Engineering (Semiconductor and Integrated Circuit Design) with Honours is a Bachelor's Degree program designed to empower students and prepare a talent pipeline to become competent in Semiconductor technologies and Integrated Circuit (IC) Design. This program equips graduates with the knowledge and experience necessary to thrive in today's and future semiconductor job market