



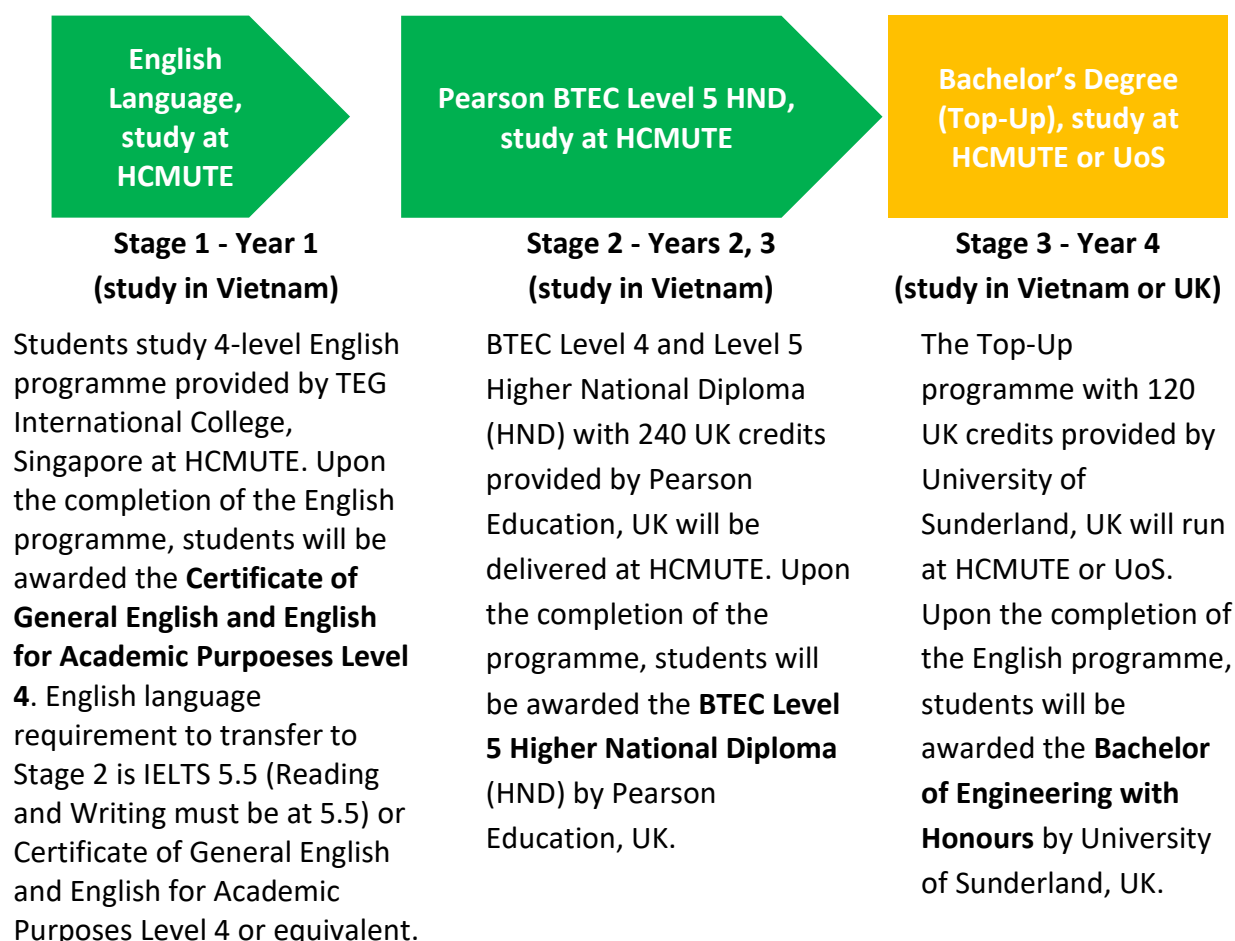
INTERNATIONAL COLLABORATIVE ACADEMIC PROGRAMS

University of Sunderland

B.Eng (Hons) Electronic Electrical Engineering

This is to provide the undergraduate collaborative academic programs in partnership with University of Sunderland, UK. The programme is studied, taught and assessed in English. Bachelor's degrees are awarded by University of Sunderland, UK.

Progression pathway:



Module List of Stage 2 - BTEC HND (RQF) Electrical and Electronic Engineering

No.	Units	RQF Modules	Level / Credit	Semester
1	Core unit	Unit 1: Engineering Design	4 / 15	1
2	Core unit	Unit 2: Engineering Maths	4 / 15	1
3	Core unit	Unit 3: Engineering Science	4 / 15	1
4	Specialist Unit	Unit 19: Electrical and Electronic Principles	4 / 15	1
5	Core unit	Unit 4: Managing a Professional Engineering Project (Pearson-set)	4 / 15	2
6	Specialist Unit	Unit 22: Electronic Circuits and Devices	4 / 15	2
7	Optional unit	Unit 20: Digital Principles	4 / 15	2
8	Specialist Unit	Unit 39: Further Mathematics	5 / 15	2
9	Optional unit	Unit 15: Automation, Robotics and PLCs	4 / 15	3
10	Core Unit	Unit 35: Professional Engineering Management (Pearson-set)	5 / 15	3
11	Specialist Unit	Unit 44: Industrial Power, Electronics and Storage	5 / 15	3
12	Optional unit	Unit 46: Embedded Systems	5 / 15	3
13	Core Unit	Unit 34: Research Project	5 / 30	4
14	Specialist Unit	Unit 45: Industrial Systems	5 / 15	4
15	Optional unit	Unit 54: Further Control Systems Engineering	5 / 15	4

Module List of Stage 3 - B.Eng (Hons) Electronic Electrical Engineering

No.	Module Code and Module Title	Credits
1.	EAT340: Professional Engineering Management Techniques	20
2.	ELX303: Electrical Power	20
3.	ENX300: Manufacturing Systems Design,	20
4.	ELX304: Electronic Systems Design	20
5.	ENX313: Project	40
