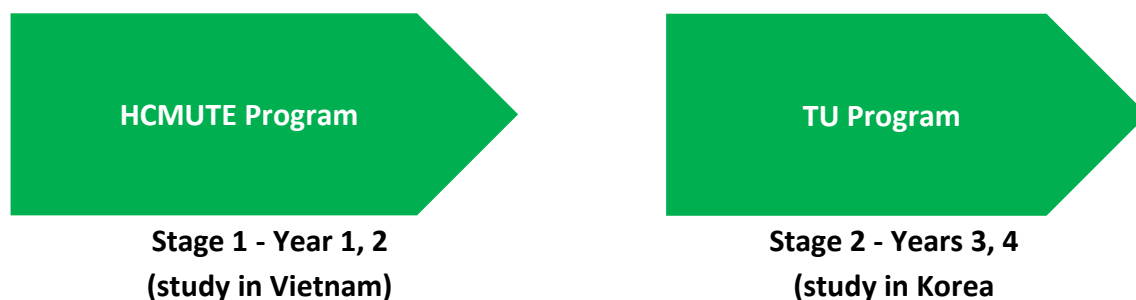




INTERNATIONAL COLLABORATIVE ACADEMIC PROGRAM
Tongmyong University
Mechatronics Engineering

This is to provide the undergraduate collaborative academic program in partnership with Tongmyong University (TU), Korea. The program is studied, taught and assessed in English. Bachelor's degrees are awarded by Tongmyong University, Korea.

Progression pathway:



English program and Year-1,2 Information Technology program will be delivered at HCMUTE. English language requirement to transfer to Stage 2 is IELTS 5.5

Year-3,4 Information Technology program will be delivered at HCMUTE will be delivered at TU. Upon the completion of the programme, students will be awarded the **Bachelor's Degrees (HND)** by Tongmyong University, Korea.

Module List of Stage 1

No	Unit Code	Module Title	Credit Value	Delivered semester
1.	MATH141601E	Calculus I	4	1-1
2.	INME130125E	Introduction to Mechatronic Engineering	3	1-1
3.	GCHE130603E	General Chemistry for Engineers	3	1-1
4.	MATH141701E	Calculus II	4	1-2
5.	MATH130401E	Mathematical Statistics for Engineers	3	1-2
6.	EDDG240120E	Descriptive Geometry & Engineering Drawing (3+1)	4	1-2
7.	PHYS 130402E	Principles of Physics 1	3	1-2

8.	ENMA220130E	Materials Science	2	1-2
9.	TEEN123725E	Technical English 1	*2	1-2
10.	MATH141801E	Calculus III	4	2-1
11.	PHYS110602E	Principles of Physics - Laboratory 1	1	2-1
12.	APEN331329E	Applied Programming in Engineering	3	2-1
13.	THME230721E	Theoretical Mechanics	3	2-1
14.	EEEN230129E	Electrical and Electronics Engineering	3	2-1
15.	MATE210230E	Experiments in Materials Science	1	2-1
16.	TEEN233825E	Technical English 2	*3	2-1
17.	AMME331529E	Applied Mathematics in Mechanical Engineering	3	2-2
18.	STMA230521E	Strength of Materials	3	2-2
19.	TOMT220225E	Tolerances and Measuring Technology	2	2-2
20.	METE210321E	Mechanical Experiments	1	2-2
21.	TMMP230220E	Theory of Machine and Machine Design	3	2-2
22.	DITE226829E	Digital Techniques	2	2-2
23.	FMMT330825E	Fundamentals of Machine Manufacturing Technology	3	2-2
24.	EEEE210229E	Experiments in Electrical and Electronics Engineering	1	2-2
25.	PAPE311429E	Practice in Applied Programming in Engineering	1	2-2
