



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

School of Professional Education
and Executive Development
專業進修學院

SPEED 

Programme structure for
Bachelor of Design (Honours) in Interaction and System Design

(Last updated as of 16 March 2026)

PROGRAMME STRUCTURE AND CURRICULUM

1) First Two Years

[60 credits; requirements for the exit award of *Associate in Design (Moving Image and Interaction Design)*]

a) General Education (GE) (12 subjects, 36 credits; plus a non-credit-bearing subject)

i) *GE Compulsory Subjects (8 subjects, 24 credits)*

Subject		Credit Value	Level
LCH1507 or LCH1508	Chinese Communication for College Students (Cantonese Version) or Chinese Communication for College Students (Putonghua Version) ^{&}	3	1
LCH1487	English for Academic Studies I	3	1
LCH1488	English for Academic Studies II	3	1
SEHH1055	Mathematics in Design Context	3	1
SHDH1014	Fundamental Visualisation Skills	3	1
SHDH1036	Creative and Design Thinking	3	1
SHDH1040	Multimedia Fundamentals	3	1
SHDH2038	Introduction to Visual Studies	3	2

[&] Students are required to take either LCH1507 “Chinese Communication for College Students (Cantonese Version)” or LCH1508 “Chinese Communication for College Students (Putonghua Version)”. Students who are Non-Chinese Speakers (NCS) will be exempted from the Chinese subject and required to take a replacement subject to be recommended by the Programme Leader. Students whose Chinese standards are at junior secondary level or below will be required to take an alternative Chinese subject LCH1492 “Elementary Chinese”.

ii) *Essential Components of General Education (non-credit-bearing)*

All students are required to complete a non-credit-bearing subject “Essential Components of General Education” which includes the following modules:

- Academic Integrity
- Artificial Intelligence and Data Analytics
- Innovation and Entrepreneurship
- National Education

iii) *GE Elective Subjects (4 subjects, 12 credits)*

All students under this programme should complete 4 GE elective subjects. The GE elective subjects to be selected by a student, together with the GE compulsory subjects stated below[#] should be under at least four of the following five cluster areas, and at least one of them should be from Cluster M “Chinese History and Culture”.

Cluster A	Human Nature, Relations and Development (HRD)
Cluster D	Science, Technology and Environment (STE)
Cluster E	Language and Communication (LC)
Cluster M	Chinese History and Culture (CHC)
Cluster N	Cultures, Organisations, Societies and Globalisation (COSG)

[#] SHDH1014 “Fundamental Visualisation Skills” is in Cluster E; and
SHDH2038 “Introduction to Visual Studies” is in Cluster N.

b) *Major Requirements (7 subjects, 24 credits)*

Subject		Credit Value	Level
Discipline-specific Compulsory Subjects (4 subjects, 15 credits)			
SHDH1105	Introduction to Design I	3	1
SHDH2200	Introduction to Design II	3	2
SHDH2366	Design Studio (Moving Image and Interaction Design)	3	2
SHDH3324	Integrated Project in Moving Image and Interaction Design	6	3
Discipline-specific Elective Subjects[@] (any 3 subjects, 9 credits)			
SHDH2219	Applied Photography	3	2
SHDH2367	Interactivity in Game Context	3	2
SHDH2368	Motion Media	3	2
SHDH2369	Moving Images and Film Art	3	2

[@] *Offering of any elective subjects is subject to sufficient enrolment.*

2) Final Two Years

[60 credits, including 9 credits of General University Requirements (GUR) and 51 credits of Major Requirements]

The curriculum of the final two years is basically the same as that for the 2-year full-time top-up *BDes (Hons) in Interaction and System Design*. Details are listed below:

a) General University Requirements (3 subjects, 9 credits)

i) Cluster-Area Requirements (CAR) (2 subjects, 6 credits)

- One subject in the cluster area of “Chinese History and Culture” with embedded Chinese Reading and Writing Requirements
- One English language subject in the cluster area of “Human Nature, Relations and Development” with embedded English Reading and Writing Requirements

ii) Service Learning (SL) (1 subject, 3 credits)

b) Major Requirements (17 subjects, 51 credits)

Subject	Credit Value	Level
Compulsory Academic Subjects (All 14 subjects, 42 credits)		
LCS3201 Business Communication in Chinese [^]	3	3
SHDS3311 Fundamental Coding for Interactivity	3	3
SHDS3312 Interaction Design in the Context of Tech and AI	3	3
SHDS3313 Introduction to Interaction Design	3	3
SHDS3314 Design Principles for Interaction and System Design	3	3
SHDS4500 Independent Study	3	4
SHDS4711 Experimental Art	3	4
SHDS4720 Coding for Innovative Visualisation	3	4
SHDS4721 Design System Optimisation	3	4
SHDS4724 Information Architecture and User Interface Design	3	4
SHDS4726 Interactive System Design	3	4
SHDS4728 Production of Prototype ⁺	3	4
SHDS4729 Programming and Tools for Expanded Spatial Practices	3	4
SHDS4730 Research in Interactivity and User Psychology [@]	3	4
Elective Subjects[#] (Any 3 subjects, 9 credits)		
SHDS4719 3D Motion Graphics	3	4
SHDS4725 Innovation Business and FinTech	3	4
SHDS4727 Multimedia Practices in Narrative Form	3	4
SHDS4732 Tech Life and Well-being	3	4

[^] Discipline-Specific Language Requirement (DSLRL) [Chinese] subject

⁺ Capstone Experience subject

[@] Discipline-Specific Language Requirement (DSLRL) [English] subject

[#] Offering of any elective subjects is subject to sufficient enrolment

c) Work-Integrated Education (WIE) Requirement

WIE is a work-based learning experience which takes place in an organisational context relevant to a student's future profession, or career, or the development of generic skills that will be valuable in the student's future career development. Going beyond studying within campus, it allows students to learn from the outside world, yet at the same time contribute to the industry and/or community.

Students of this programme are required to complete 300 hours of WIE during the 4-year study.

Students will be provided with the WIE guidelines at programme commencement.

C) **Exit Award**

Students who have completed the requirements specified above may apply to exit the programme of study with a PolyU-HKCC award of *Associate in Design (Moving Image and Interaction Design)*.