Recommended Study Pathway for HKUST-Exeter Engineering and Law Program
(For student cohorts of 2021-22 and before)

Contract Law Course

Required to be completed by Year 3 Fall Semester

	Credits
Contract Law offered by the University of Exeter in Fall semester – required for seeking admission to the HKUST-Exeter Engineering and Law Program#	*6*

Students may receive 6 transfer credits from the Contract Law course on condition that they obtain a passing grade in the course.

Year 1

Fall Semester (15-16 credits)

				Credits
[Take one course from MATH1012 OR MATH1013 OR MATH1020 OR MATH1023]				3-4
MATH	1012	Calculus 1A	4	
MATH	1013	Calculus IB	3	
MATH	1020	Accelerated Calculus	4	
MATH	1023	Honors Calculus I	3	
[Take one course from COMP1021 OR COMP1022P]				3
COMP	1021	Introduction to Computer Science	3	
COMP	1022P	Introduction to Computing with Java	3	
ENGG	1010	Academic Orientation		0
LANG	1002	English for University Studies I (U Core)		3
University Common Core				3
University Common Core				3

Spring Semester (15 credits)

				Credits
[Take one course from MATH 1014 OR MATH 1024]				3
MATH	1014	Calculus II	3	
MATH	1024	Honors Calculus II	3	

(Updated as of 31 October 2022)

BEng (COMP)

Year 1

Spring Semester (15 credits) (Cont'd)

				Credits
[Take one course from CHEM1004 OR CHEM1010 OR CHEM1020 OR LIFS1901 OR PHYS1001 OR PHYS1112 OR PHYS1312]				3
CHEM	1004	Chemistry in Everyday Life	3	
CHEM	1010	General Chemistry IA	3	
CHEM	1020	General Chemistry IB	3	
LIFS	1901	General Biology I	3	
PHYS	1001	Physics and the Modern Society	3	
PHYS	1112	General Physics I with Calculus	3	
PHYS	1312	Honors General Physics I	3	
ENGG	1010	Academic Orientation		0
LANG	1003	English for University Studies II (U Core)		3
University Common Core				3
Free Elective				3

Year 2

Fall Semester (17 credits)

			Credits
COMP	2011	Programming with C++	4
COMP	2711	Discrete Mathematical Tools for Computer Science	4
COMP	4900	Academic and Professional Development	0
MATH	2111	Matrix Algebra and Applications	3
LANG	2030	Technical Communication I	3
ENGG	2010	Engineering Seminar Series	0
University Common Core			3

Spring Semester (17-18 credits)

				Credits
[Take one course from MATH2411 OR MATH 2421 OR MATH2431 OR ELEC2600 OR IEDA2520 or IEDA2540]				3-4
MATH	2411	Applied Statistics	4	
MATH	2421	Probability	4	
MATH	2431	Honors Probability	4	
ELEC	2600	Probability and Random Processes in Engineering	4	
IEDA	2520	Probability for Engineers	3	
IEDA	2540	Statistics for Engineers	3	

(Updated as of 31 October 2022)

Year 2

Spring Semester (17-18 credits) (Cont'd)

			Credits
COMP	1991	Industrial Experience^	0
COMP	2012	Object-Oriented Programming and Data Structures	4
COMP	2611	Computer Organization	4
COMP	4900	Academic and Professional Development	0
ENGG	2010	Engineering Seminar Series	0
University Common Core			3
Free Elective			3

Year 3

Fall Semester (19 credits)

			Credits
COMP	1991	Industrial Experience^	0
COMP	3111	Software Engineering	4
COMP	3511	Operating Systems	3
COMP	3711	Design and Analysis of Algorithms	3
COMP	4900	Academic and Professional Development	0
COMP Area Elective			3
LANG	4030	Technical Communication II	3
ENGG	2010	Engineering Seminar Series	0
University Common Core			3

^ Students should complete the internship/industrial training by year 3 Summer to satisfy the requirement of COMP1991.

Spring Semester (18 credits)

			Credits
COMP Elective		Any 1 2000-level or above course offered under COMP	3
COMP Area Elective			3
COMP Area Elective			3
COMP	4900	Academic and Professional Development	0
ENGG	2010	Engineering Seminar Series	0
University Common Core			3
University Common Core			3
Free Elective			3

To ensure adequate preparation for taking Exeter engineering courses, students should check the course details (including offering term and pre-requisite) from the University of Exeter's website (Computer Science Module) before choosing electives at HKUST.

Year 4 (Study at University of Exeter)

Fall and Spring (12 Credits)

Course Code	Course Title	Equivalent course at HKUST	Elective Area in COMP curriculum
Course required to be taken			
ECM3175	Individual Project	COMP4981	Required Course (Final Year Project)
Select 2 courses from the Computer Science Modules offered by the University of Exeter (https://intranet.exeter.ac.uk/emps/studentinfo/subjects/computerscience/modules/2022/) to fulfill COMP elective requirements. Students should ensure they have taken at least 3 courses from 1 area and at least 2 courses outside that area during their program of study for the HKUST degree.			

Note:

1. Students are allowed to take engineering courses at the University of Exeter in Term 1 & Term 2 during their first year of study there. Term 1 and 2 at the University of Exeter correspond to the Fall term and Spring term at HKUST respectively.
2. For Exeter engineering courses, please note that the course offerings are subject to change and some courses may have pre-requisite(s). Students should check the course details (including offering term and pre-requisite) from the University of Exeter's website prior to arrival at Exeter. The final enrollment of Exeter engineering courses is subject to the approval of the University of Exeter. To play safe, students are expected to be very flexible with course selection and try to identify more courses as far as practicable.
3. Before taking any Exeter courses, to ensure smooth credit transfer process, students should check ARO's Credit Transfer Database for the term they will study at the University of Exeter. There are some approved mappings from previous semesters. Should no approved mapping be found, students should raise mapping requests via ARO's Credit Transfer System for Undergraduate Students and seek advice from their major Departments on equivalent HKUST courses **BEFORE** departure.