

HKUST Pre-University Program 2026

Name: Introduction to Discrete Mathematics for Computer Science

Duration: July 20-24, 2026

Instructor: Prof. Kenneth Leung



HKUST Pre-University Program
Undergraduate Recruitment and Admissions Office



		20-Jul Monday	21-Jul Tuesday	22-Jul Wednesday	23-Jul Thursday	24-Jul Friday
09:30-11:00	Topic	Orientation	OFF	Group Discussion	Executive Talk	Group Discussion
11:15-12:45	Topic		Propositional Logic (11:15-13:15)	Probability	Conditional Probability (11:15-13:15)	Introduction to Cryptography
12:45-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:15-15:45	Topic	Social Activity - USTouch	Basic Counting	City Excursion (Optional)	Number Theory	Leadership Forum and Networking Dinner
16:00-17:30	Topic		Binomial Coefficient		GCD and Euclidean Algorithm	
Notes: This is the preliminary program itinerary, and the final itinerary will be shared two weeks prior to the start of the program. The content above is subject to change without notice. Students should regularly check the website and their email for any updates.						