Hong Kong Baptist University
Curriculum for Minor Programmes

Minor Programme : Data Analytics and Artificial Intelligence (*DATA ANALY & AI)
Bulletin Year : 2026

Course Group	Course	Course Title	Unit	Core (C) / Elective (E)
DAAI Minor Required Courses (#R-DAAI-CORE-001)				
	COMP1005	Essence of Computing	3.00	C
	COMP1007	Introduction to Python and Its AI Applications	3.00	C
	COMP1016	Mathematical Methods for Business Computing	3.00	C
	ITEC1007	Getting Started with Artificial Intelligence	3.00	C
	ITEC1016	Coding for Humanities	3.00	C
	ITEC2025	AI and Data Analytics for Humanities	3.00	C
	ITEC2026	Fundamental of Data Analysis and Management	3.00	C
DAAI Minor Elective Courses (#R-DAAI-ELECT-001)				
	COMP2027	Applied Linear Algebra for Computing	3.00	E
	COMP3057	Introduction to Artificial Intelligence and Machine Learning	3.00	E
	COMP3065	Artificial Intelligence Application Development	3.00	E
	COMP3115	Exploratory Data Analysis and Visualization	3.00	E
	COMP3117	Applied Artificial Intelligence	3.00	E
	COMP4015	Artificial Intelligence and Machine Learning	3.00	E
	COMP4026	Computer Vision and Pattern Recognition	3.00	E
	COMP4055	Medical Image Processing and Applications	3.00	E
	COMP4085	Selected Topics in Intelligent Informatics	3.00	E
	COMP4125	Visual Analytics	3.00	E
	COMP4135	Personalized AI and Recommender Systems	3.00	E
	COMP4136	Natural Language Processing and Large Language Models	3.00	E
	COMP4137	Blockchain Technology and Applications	3.00	E
	COMP4146	Prompt Engineering for Generative AI	3.00	E
	COMP4147	Audio and Speech Processing	3.00	E
	ITEC2016	Data-Driven Visualization for the Web	3.00	E
	ITEC3015	Web Development for Data Storytellers	3.00	E
	MATH3626	Computational Statistics for Data Science	3.00	E
	MATH3836	Data Mining	3.00	E

Remarks:
1. Students are required to take 9 units of core courses (i) COMP1005 / COMP1007 / COMP1016 / ITEC1016, (ii) ITEC1007 / ITEC2025 and (iii) ITEC2026 from #R-DAAI-CORE-001; and 6 units from #R-DAAI-ELECT-001.
2. At least one course must be at Level 3 or 4.
3. Not for (i) students from Department of Computer Science; or (ii) students from Data and Media Communication concentration of Journalism.

* 4-Year Curriculum