Undergraduate Programme Course List (2025/26)

Programme Title:	Bachelor of Science (Honours) in Artificial Intelligence and Educational Technology (Four-year Full-time)
Programme Short Name:	BSc(AI&EdTech)
Programme Code:	A4B095
Year of Entry:	2025/26

Major Course List

Course Code	Course Title	Course Synopsis / Outline / Remarks (Optional)
Major Core **(Year 1 Admissions: 11 courses – 33 cps;** **Senior Year Admissions: 5 courses – 15 cps)**		
*MTH1098	Calculus	* Major core courses required for Year 1 Admissions only ^ Major core courses required for both Year 1 Admissions and Senior Year Admissions
*INT2067	Introduction to Programming and Problem Solving	
*INT2093	Fundamentals of Neural Networks	
*INT3086	Data Structures and Algorithms for Data Mining	
*MTH4169	Introduction to Probability and Statistics	
*INT2094	Introduction to Natural Language Processing	
^INT4096	Artificial Intelligence and Machine Learning in Education	
^INT4089	Technologies in STEM and AI Education	
^TLS3075	Digital Games and Learning in Educational Settings	
^INT4097	Deep Learning for Computer Vision and Education	
^INT4098	Applied Robotics with Applications to Special Education	
Major Elective Courses (6 cps)		
INT3095	Practical Programming for Artificial Intelligence	Choose 2 out of 7 courses
INT4059	Computer-Aided 3D Design and Printing Technologies	
INT4060	Designing STEM Activities with Integrated Engineering and Mathematics	

Course Code	Course Title	Course Synopsis / Outline / Remarks (Optional)
INT4061	Designing STEM Activities with Integrated Sciences and Technology	
INT4074	Mobile Applications Design and Development	
INT4087	Web Database Applications for Data Analytics	
TLS3074	Educational Technology Enhanced Curriculum and Assessment	
Major Interdisciplinary Course (3 cps)		
INT4099	Emerging Technologies for Language Learning and Assessment	
Living and Working in Our Country (3 cps)		
TBC	Introduction to Educational Technology and Its Applications in Mainland China	For Year 1 Admissions students only
Cross-Faculty Core Course (3 cps, 1 cp for each Component)		
Component I: Basic Law and National Security Education Component II: Visits in Greater Bay Area Component III: Various Themes (linked to the University's development niche areas)		
Internship (6 cps)		
INT4100	Internship	
Final Year Project (6 cps)		
INT4101	Honours Project I: Research Methods and Proposal	Students can opt for an Honours Project or a Capstone Project.
INT4102	Honours Project II: Research Report	
INT4103	Capstone Project I: Research Methods and Proposal	
INT4104	Capstone Project II: Project Output	