

Hong Kong Baptist University
Curriculum for Minor Programmes

Minor Programme : Green Energy and Smart Technology (*GEST)

Course Group	Course	Course Title	Unit	Core (C) / Elective (E)
GEST Minor Core Courses (#R-GEST-CORE-001)				
	GEST1005	Introduction to Green Energy and Smart Technology	3.00	C
	GEST2006	Energy Foundation II: Electricity and Magnetism	3.00	C
GEST Minor Elective Courses (#R-GEST-ELECT-001)				
	GEST2005	Energy Foundation I: Heat and Motion	3.00	E
	GEST2007	Renewable Energy Technology	3.00	E
	GEST2015	Energy Storage and Distribution	3.00	E
	GEST2016	Green Energy Laboratory I	1.00	E
	GEST2017	Green Energy Laboratory II	1.00	E
	GEST2025	Mathematical Methods	3.00	E
	GEST3005	Smart Sensors and IoT	4.00	E
	GEST3006	Digital Technology for Network Communication	3.00	E
	GEST3007	Sustainable Transportation Technology	3.00	E
	GEST3015	Smart Materials: Structures and Properties	3.00	E
	GEST3016	Machine Learning: from Data to Model	3.00	E
	GEST3017	Green Energy Lab with Smart Devices	3.00	E
	GEST4005	Carbon Audit and Energy Audit	3.00	E
	GEST4006	Energy Management of Green Building	3.00	E
	GEST4007	Advanced Green Energy Laboratory	3.00	E

- Remarks:
1. Students are required to take the core courses of GEST1005 and GEST2006; and 9 units from #R-GEST-ELECT-001.
 2. Students of the Faculty of Science are not allowed to use GEST1005 Introduction to Green Energy and Smart Technology to fulfill the GEST minor programme requirement.
 3. Therefore, students of the Faculty of Science have to take an additional elective course from #R-GEST-ELECT-001 to fulfill the minor programme requirement.
 4. At least 6 units must be at Level 3 or above.

* 4-Year Curriculum