

**Hong Kong Baptist University**  
**Curriculum for Minor Programmes**

**Minor Programme : \*Analytical and Testing Sciences (\*ATSCI)**

Course Group	Course	Course Title	Unit	Core (C) / Elective (E)
<b>Analytical &amp; Testing Sciences Minor Core Courses (#R-ATSCI-CORE-001)</b>				
	CHEM2015	Analytical Chemistry	3.00	C
	CHEM3005	Instrumental Analysis	3.00	C
<b>Analytical &amp; Testing Sciences Minor Elect Courses (#R-ATSCI-ELECT-001)</b>				
	BIOL3046	Foundation of Bioanalysis	3.00	E
	BIOL3047	Foundation of Bioanalysis Laboratory	1.00	E
	CHEM2036	Fundamentals of Organic Chemistry	3.00	E
	CHEM2046	Physical and Inorganic Chemistry	3.00	E
	CHEM3006	Instrumental Analysis Laboratory	1.00	E
	CHEM3027	Materials Testing and Characterization	3.00	E
	CHEM4017	Environmental Analysis	3.00	E
	CHEM4025	Advanced Instrumental Analysis	3.00	E
	CHEM4027	Bioanalytical Chemistry	3.00	E
	CHEM4065	Structural Methods in Chemistry	3.00	E
	CHEM4076	Chemical Testing Laboratory Management and Accreditation	3.00	E
	CHEM4077	Dissertation in Analytical and Testing Sciences	3.00	E
	PHYS3026	Instrumentation and Data Acquisition Laboratory	3.00	E

- Remarks:
1. Students are required to take and pass the core courses of CHEM2015 and CHEM3005 (#R-ATSCI-CORE-001).
  2. Students are required to take three 3-unit courses from #R-ATSCI-ELECT-001.
  3. For courses BIOL3047 and CHEM3006:
    - (i) Students have to consult the course instructors prior to registration; and
    - (ii) relevant training will be provided to students before beginning of the courses.

\* 4-Year Curriculum