

Key: C = Compulsory CA = Continuous Assessment E = Elective EXAM = Examination

Code	Subject Title	C/E	Credit	Assessment CA:EXAM (%)	Pre-requisite (P)/ Co-requisite(Co)/ Exclusion (Ex)
YEAR 1 – SEMESTER 1					
ABCT1101 [%]	Introductory Life Science	C	3	50:50	Nil
ABCT1102 [%]	General Biology	C	3	50:50	P: ABCT 1101, or Level 3 or above in HKDSE Biology as a full subject or as a component in a Combined Science subject
ABCT1700 ^{&}	Introduction to Chemistry	C	3	50:50	Nil
ABCT1741 ^{&}	General Chemistry I	C	3	50:50	P: ABCT1700 or ABCT1D01, or Level 3 or above in HKDSE Chemistry as a full subject or as a component in a Combined Science subject
AMA1007	Calculus and Linear Algebra	C	3	40:60	P: HKDSE extended module M1 or M2 (with Level 2 or above) or AMA1100
AMA1100 [*]	Basic Mathematics - An introduction to Algebra and Differential Calculus	C	2	40:60	Ex: HKDSE extended module M1 or M2 (with Level 2 or above)
AP10001 ^{**}	Introduction to Physics	C	3	40:60	Nil
FAST1000	Freshman Seminar – Science To Improve Quality of Life (GUR Subject ##)	C	3	100:00	Nil
APSS1L01	Tomorrow's Leaders (GUR Subject ##)	C	3		Nil
	Healthy Lifestyle (GUR Subject ##)	C	0		
	Chinese Language [‡] (GUR Subject ##)	C	3		
	English Language [‡] (GUR Subject ##)	C	3		
YEAR 1 – SEMESTER 2					
AMA1006	Basic Statistics	C	2	40:60	P: HKDSE extended module M1 or M2 (with Level 2 or above) or AMA1100
AP10008 ^{**}	University Physics I	C	3	40:60	Nil
	CAR Subject † (GUR Subject ##)	C	3		
	Chinese Language [‡] (GUR Subject ##)	C	3		
	English Language [‡] (GUR Subject ##)	C	3		

[‡] LCR – Language and Communication Requirements (Please refer to P.10)

^{##} GUR – General University Requirement

[†] CAR – Cluster Area Requirement (Please refer to P.9)

Common Science Subjects for Applied Sciences programmes (2015 Cohort)

Broad Discipline common subjects			Credit
Category A		B	
Introduction to Physics [AP10001]	or	University Physics I [AP10008]	3
Introduction to Chemistry [ABCT1700]	or	General Chemistry I [ABCT1741]	3
Introductory Life Science [ABCT1101]	or	General Biology [ABCT1102]	3
Basic Statistics [AMA1006]			2
Calculus & Linear Algebra [AMA1007]			3
Underpinning subject			Credit
Basic Mathematics [AMA1100]			2

1. All applied science & mathematics students are required to complete one broad discipline common subject each in Physics, Chemistry, Biology, Calculus & Linear Algebra and Basic Statistics.
2. The science subjects under Category A are designed for students who have not attained Level 3 or above in Physics, Chemistry and/or Biology as a single Science subject or a component of the Combined Science (sub-score) in HKDSE.
3. Students who have attained Level 3 or above in Physics, Chemistry and/or Biology, as a single Science subject or a component of the Combined Science (sub-score) are required to take the relevant subjects under Category B.
4. Students must retake a compulsory subject which they have failed. Those who fail Category B subjects and pursue for programmes which accept Category A subjects could take the relevant Category A subject as replacement. Academic Advisors will provide academic counseling to students on the appropriate subject to take/retake.
5. Students who have not achieved Level 2 or above in Extended Modules of Mathematics (M1 or M2) in HKDSE are required to complete AMA1100 before progressing to take AMA1006 and AMA1007.
6. ABCT, AMA and AP will provide academic counseling to students upon their admission and before subject registration.
7. Broad Discipline students who take subject(s) under Category A may need to take relevant subject(s) under Category B according to the requirements of individual degrees in applied science and in mathematics.