

**The Hong Kong Polytechnic University**  
**Reference Checklist**  
**(Confidential)**

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**STUDY INFORMATION**

**Student** 22097746D BAI Haoran  
**Latest Programme(s) Enrolled** 61435-FCS BSc (HONS) COMPUTER SCIENCE **Award ID** E001  
(Starting from 2023 Sem 1)  
**Status** From 2022 Semester 1 Active

**CHECKLIST FOR MAJOR/HD PROGRAMME**

22097746D BAI Haoran  
61435-FCS-E001 **BSc (HONS) COMPUTER SCIENCE**

**Set ID: 1** **Set Description: Intake Cohorts from 2022/23**

<u>Subset Order / ID</u>	<u>(GUR)/[Secondary Major] Subset Description</u>	<u>Subset Credit</u>	<u>Subject Code</u>	<u>Subject Title</u>	<u>Subject Credit</u>	<u>Subject Result</u>	<u>Year/ Sem</u>	<u>Duplicate Indicator</u>
<b>DSR</b>								
1/1	Compulsory	27 of 60	AMA1104	INTRODUCTORY PROBABILITY	2.0	A	2022/1	
			CLC3242P	CHINESE FOR PROFESSIONAL COMMUNICATION IN COMPUTING	2.0			
			COMP1002	COMPUTATIONAL THINKING AND PROBLEM SOLVING	4.0	A	2022/1	
			COMP1011	PROGRAMMING FUNDAMENTALS	3.0	B	2022/2	
			COMP1411	INTRODUCTION TO COMPUTER SYSTEMS	3.0	A	2022/2	
			COMP1433	INTRODUCTION TO DATA ANALYTICS	3.0	A	2022/2	
			COMP2011	DATA STRUCTURES	3.0	A+	2023/1	
			COMP2012	DISCRETE MATHEMATICS	3.0	A	2023/1	
			COMP2021	OBJECT-ORIENTED PROGRAMMING	3.0	A-	2023/1	
			COMP2322	COMPUTER NETWORKING	3.0	R	2023/2	
			COMP2411	DATABASE SYSTEMS	3.0	A	2023/1	
			COMP2421	COMPUTER ORGANIZATION	3.0	R	2023/2	
			COMP2432	OPERATING SYSTEMS	3.0	R	2023/2	
			COMP3211	SOFTWARE ENGINEERING	3.0			
			COMP3334	COMPUTER SYSTEMS SECURITY	3.0			
			COMP3423	HUMAN COMPUTER INTERACTION	3.0			
			COMP3438	SYSTEM PROGRAMMING	3.0			
			COMP3511	LEGAL ASPECTS AND ETHICS OF COMPUTING	2.0			
			COMP4913	CAPSTONE PROJECT	6.0			
			ELC3524	PROFESSIONAL COMMUNICATION FOR COMPUTING STUDENTS	2.0			
2/2	COMP Elective	0 of 18	COMP2121	E-BUSINESS	3.0			
			COMP3011	DESIGN AND ANALYSIS OF ALGORITHMS	3.0			
			COMP3021	PROGRAMMING LANGUAGE PARADIGMS	3.0			
			COMP3022	ALGORITHMS ENGINEERING	3.0			
			COMP3121	SOCIAL AND COLLABORATIVE COMPUTING	3.0			
			COMP3122	INFORMATION SYSTEMS DEVELOPMENT	3.0			
			COMP3131	BUSINESS AND INFORMATION SYSTEMS STRATEGIES	3.0			
			COMP3133	CHINESE LANGUAGE COMPUTING	3.0			
			COMP3134	BUSINESS INTELLIGENCE AND CUSTOMER RELATIONSHIP MANAGEMENT	3.0			
			COMP3233	SOFTWARE TESTING AND QUALITY ASSURANCE	3.0			
			COMP3235	SOFTWARE PROJECT MANAGEMENT	3.0			
			COMP3335	DATABASE SECURITY	3.0			
			COMP3421	WEB APPLICATION DESIGN AND	3.0			
			COMP3422	CREATIVE DIGITAL MEDIA DESIGN	3.0			
			COMP3531	IT ENTREPRENEURSHIP	3.0			
			COMP3901	TRANSFERRED CREDITS FOR SUBJECT STUDIED OVERSEAS (3 CREDITS)	3.0			
			COMP3902	TRANSFERRED CREDITS FOR SUBJECTS STUDIED OVERSEAS (6 CREDITS)	6.0			
			COMP3903	TRANSFERRED CREDITS FOR SUBJECTS STUDIED OVERSEAS (9 CREDITS)	9.0			
			COMP3911	SERVICE LEARNING AND CIVIC ENGAGEMENT IN THE INFORMATION AGE	3.0			
			COMP4011	THEORY OF COMPUTATION	3.0			
			COMP4121	E-COMMERCE TECHNOLOGY AND	3.0			
			COMP4122	GAME DESIGN AND DEVELOPMENT	3.0			
			COMP4123	BUSINESS PROCESS AND WORKFLOW MANAGEMENT	3.0			
			COMP4125	OPERATIONS RESEARCH AND LOGISTICS MANAGEMENT	3.0			
			COMP4127	INFORMATION SYSTEMS AUDIT AND	3.0			
			COMP4133	INFORMATION RETRIEVAL	3.0			
			COMP4135	KNOWLEDGE AND INFORMATION	3.0			
			COMP4136	DATA PROTECTION AND SECURITY	3.0			

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61435-FCS-E001      **BSc (HONS) COMPUTER SCIENCE**

**Set ID: 1      Set Description: Intake Cohorts from 2022/23**

<u>Subset Order / ID</u>	<u>(GUR)/[Secondary Major] Subset Description</u>	<u>Subset Credit</u>	<u>Subject Code</u>	<u>Subject Title</u>	<u>Subject Credit</u>	<u>Subject Result</u>	<u>Year/ Sem</u>	<u>Duplicate Indicator</u>
			COMP4146	COMPUTATIONAL FINANCE	3.0			
			COMP4322	INTERNETWORKING PROTOCOLS, SOFTWARE AND MANAGEMENT	3.0			
			COMP4332	MOBILE SECURITY: PRINCIPLES AND PRACTICE	3.0			
			COMP4334	PRINCIPLES AND PRACTICE OF INTERNET SECURITY	3.0			
			COMP4342	MOBILE COMPUTING	3.0			
			COMP4422	COMPUTER GRAPHICS	3.0			
			COMP4423	COMPUTER VISION	3.0			
			COMP4424	EXTENDED REALITY: THEORY AND PRACTICE	3.0			
			COMP4431	ARTIFICIAL INTELLIGENCE	3.0			
			COMP4432	MACHINE LEARNING	3.0			
			COMP4433	DATA MINING AND DATA WAREHOUSING	3.0			
			COMP4434	BIG DATA ANALYTICS	3.0	R	2023/2	
			COMP4442	SERVICE AND CLOUD COMPUTING	3.0			
			MM2021	MANAGEMENT & ORGANISATION	3.0			
3/3	Free Elective	0 of 12						
14/13	WIE	0 of 4	COMP3000	WORK INTEGRATED EDUCATION	4.0			
			COMP4000	INDUSTRIAL PLACEMENT	24.0			
<u>GUR</u>								
4/14	(GUR-AIDA) GUR-AIDA	2 of 2	COMP1004	INTRODUCTION TO ARTIFICIAL INTELLIGENCE AND DATA ANALYTICS	2.0	A+	2022/1	
5/15	(GUR-IE) GUR-IE	1 of 1	MM1031	INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP	1.0	B+	2022/1	
6/7	(CAR-Cluster A) CAR A	3 of 3	CBS1A17	HUMAN RELATIONSHIPS AND THE CYBERWORLD	3.0	A+	2023/1	
7/8	(CAR-Cluster D) CAR D	0 of 3	ABCT1D01	CHEMISTRY AND MODERN LIVING	3.0	R	2023/2	
			AMA1D07	INTRODUCTION TO COSMOLOGY	3.0	R	2023/2	
8/16	(CAR-Cluster M) CAR M	0 of 3						
9/17	(CAR-Cluster N) CAR N	0 of 3						
10/18	(LEAD) LEAD	3 of 3	APSS1L01	TOMORROW'S LEADERS	3.0	A-	2022/1	
11/12	(Service Learning) Service Learning	3 of 3	APSS2S09	SERVICE LEADERSHIP THROUGH SERVING CHILDREN AND FAMILIES WITH SPECIAL	3.0	L	2022/2	
						A-	2022/3	
<u>LCR</u>								
12/10	(LCR-English) LCR - English	(1)	3 of 3	ELC1013	ENGLISH FOR UNIVERSITY STUDIES	3.0	B	2022/1
		(2)	3 of 3	ELC2011	ADVANCED ENGLISH READING AND WRITING SKILLS	3.0	A-	2022/2
				ELC2012	PERSUASIVE COMMUNICATION	3.0		
				ELC2013	ENGLISH IN LITERATURE AND FILM	3.0		
				ELC2014	ADVANCED ENGLISH FOR UNIVERSITY STUDIES	3.0		
13/9	(LCR-Chinese) LCR - Chinese	(1)	3 of 3	CLC1104P	UNIVERSITY CHINESE	3.0	A-	2022/2

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SUPPLEMENTARY INFORMATION

OUTSIDE CURRICULUM  
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NATURE REQUIREMENT

	Status	Subject Code	Subject Title	Subject Credit	Subject Result	Year/Sem
Chinese Reading Requirement	Not Fulfilled					
Chinese Writing Requirement	Not Fulfilled					
English Reading Requirement	Fulfilled	CBS1A17	HUMAN RELATIONSHIPS AND THE CYBERWORLD	3.0	A+	2023/1
English Writing Requirement	Fulfilled	CBS1A17	HUMAN RELATIONSHIPS AND THE CYBERWORLD	3.0	A+	2023/1

OTHER GRADUATION REQUIREMENT

Work-Integrated Education (61435-FCS-E001)	Not Fulfilled
Healthy Life Style	In Progress (2022/1)

SUMMARY ON CREDITS REQUIRED / ATTAINED

61435-FCS              BSc (HONS) COMPUTER SCIENCE  
Academic Credit: 120.0  
Clinical / Field Credit: 0.0  
Practical Credit: 0.0  
Training Credit: 4.0  
Total Credit: 124.0  
  
Credit Attained: 48.0 (2023 Semester 1)

It is important for students to monitor their study progress and complete all requirements for graduation in time. As a general reference, the credits you have attained should be proportional to the stage you are on the programme. That is, if the normal duration of your programme is 4 years and you have already studied for 2 years, you should have completed half of the credits required. In addition, all GUR subjects should normally be completed within the first 2 years of study. If you wish to seek advice on your study plan, you can approach your academic advisor of your host department.

**Points to Note:**

- The checklist is for reference purpose and students should refer to the relevant Programme Requirement Document(s) for the detailed subject/credit requirements for completing the programme(s). They should contact the relevant Programme Offering Department(s) if they have any queries related to the requirements, including discrepancies found between the Programme Requirement Document(s) and the checklist.
- The checklist shows the Set(s) of graduation requirements (composing of various subsets) on the Major, Secondary Major and/or Minor programmes, as well as other university requirements, which are shown under "Nature Requirement" and "Other Graduation Requirement". Some programmes may have more than 1 Sets of graduation requirements. To be eligible for graduation, a student has to fulfil all requirements listed in the subsets within one of the Sets (i.e. Major and/or Secondary Major, and Minor, if any). In addition, the 'Nature Requirement' and 'Other Graduation Requirement' must all be satisfied.
- ALL subjects required under DSR and LCR will be shown, except in the case of the following:
  - For "Free Elective" Subset under DSR, "only subjects with grade(s)/registration record(s) and under the "Ug-Free Elective Pool (2012 Curriculum)" or "selected to fulfil the Free Elective requirement" will be shown
  - For GUR (except LCR), only subjects with grade(s)/registration records will be shown
- In addition to the finalised subject grades (display after subject result announcement), the following codes will also be displayed under the column of Subject Result:
 

R	-	Subject Registered	T	-	Credit Transfer without Grade
W	-	Subject Withdrawal			(Grade granted by Credit Transfer is shown in brackets)
LA	-	Late Assessment (Pending)	Z	-	Subject Exemption
RC	-	Subject(s) with Recognised Credits (RC) will be taken as fulfilling the requirement for the subset. However, these subjects will not be counted towards credits attained and therefore will not be counted under the "Subset Credit" column.			
#	-	Subject(s) approved to be double counted for fulfilling the graduation requirements of both Major and Minor programmes.			
&	-	Subject(s) selected to be double counted for fulfilling the graduation requirements of both Major and Secondary Major programmes in the last "Application for Graduation" exercise			
@	-	Free Elective subject(s) selected in the last "Application for Graduation" exercise.			

If you have not eventually graduated in the last "Application for Graduation" exercise, you will need to re-apply for graduation and re-select the "Free Elective subject(s)" and/or "Double Counting subject(s) for Major and Secondary Major programmes" at the semester in which you will graduate.

- Subset Credits and Subjects marked with "Y" under the "Duplicate Indicator" column

Credits required for the subsets are listed under the "Subset Credit" column. Some subjects taken may meet more than one Subset requirements and they are marked with 'Y' under the 'Duplicate Indicator' column. Please note that these subjects can eventually fulfil only **one** of these subsets for graduation as double counting will **not** be applicable. Thus, students are required to take another subject in these subsets in order to fulfil the graduation requirements.

Examples:

Subset Description	Subset Credit	Subject Code	Subject Title	Subject Credit	Subject Result	Year/Sem	Duplicate Indicator
(LCR-Chinese)	0 of 0 ^1						
(GE Essential Components)	0 of 0 ^2 (Subj. Req.: 1)	DD1Q01	ESSENTIAL COMPONENTS OF GENERAL EDUCATION	0	P	2022/1	
Elective (Level 2)	0 of 15 ^3	DD2222	EXAMPLE – LEVEL 2 SUBJECT	3	R	2022/2	
Elective (Level 3)	3 of 9 ^4(a)	DD3333	EXAMPLE – LEVEL 3 SUBJECT	3	A+	2022/1	Y ^5
Elective (All Level)	3 of 12 ^4(b)	DD3333	EXAMPLE – LEVEL 3 SUBJECT	3	A+	2022/1	Y ^5

Explanations:

- ^1: 0 of 0 – student is not required to take any subjects in this subset
- ^2: 0 of 0 (Subj.Req.: 1) – student is required to complete 1 subject in this subset
- ^3: 0 of 15 – student is required to complete 15 credits for this subset
- ^4(a): 3 of 9 – student is required to complete 9 credits for this subset and he/she has completed 3 credits
- ^4(b): 3 of 12 – student is required to complete 12 credits for this subset and he/she has completed 3 credits
- ^5: Duplicate Indicator: Y – subject DD3333 can only be taken to fulfil either the "Elective (Level 3)" or "Elective (All Level)" subset. If the subject is taken to fulfil "Elective (Level 3)" subset, the student is required to take another subject for fulfilling the "Elective (All Level)" subset

- Double Counting of Subjects

Double counting will, however, be allowed for those subjects "approved for fulfilling both Major and Minor programmes" or "selected for double counting the Major and Secondary Major programmes". Below listed the application procedures and the codes to be listed next to these double counting subjects:

- # - Subject(s) approved to be double counted for fulfilling the graduation requirements of both Major and Minor programmes.  
(student should complete and submit the Form AR147(a) to Minor-offering Department for approval not later than submission of the "Application for Graduation")
- & - Subjects(s) selected to be double counted for fulfilling the graduation requirements of both Major and Secondary Major programmes  
(student will be required to select the double counting subjects during the "Application for Graduation" via the eStudent platform at the semester which he/she is expected to graduate)

- Application for Graduation

According to regulations, students are required to graduate as soon as they satisfy their graduation requirements for award. Students enrolling in Bachelor's Degree programmes are required to apply for graduation in the semester which they are expected to graduate. Students can refer to the set of FAQs located next to the "Application for Graduation" under "eStudent > My Profile > Study Information" page for details of the arrangements. They are also required to select the following subjects during the application process where appropriate:

- Subjects fulfilling the Free Elective Requirement
- Double Counting Subjects for Major and Secondary Major programmes