

THE UNIVERSITY OF HONG KONG
FACULTY OF ARTS

Notes of Guidance on Course Selection (BA&BEng(AI&DataSc))

Section 1: Course selection schedule and procedures

Please refer to the course selection schedule and procedures online at:

<http://arts.hku.hk/current-students/undergraduate/course-selection>

Section 2: Regulations and guidelines

Before the course selection, students are advised to read carefully the University Regulations for First Degree Curricula regarding “Requirements for Graduation (UG5)” (<http://www4.hku.hk/pubunit/drcd/>), the Regulations and Syllabuses of the Bachelor of Arts and Bachelor of Engineering in Artificial Intelligence and Data Science (BA&BEng(AI&DataSc)) programme, and other information listed on the [BA&BEng\(AI&DataSc\) programme website](#).

(A) BA&BEng(AI&DataSc) curriculum

The BA&BEng(AI&DataSc) programme consists of **a total of 300 credits** over a normative period of five years of study and the curriculum structure is outlined as follows:

(I) Compulsory courses required by the University

Requirements	To be taken	Credits
CAES1001. Academic Communication in English	in Year 1	0
AILT1001. Artificial Intelligence Literacy I	in Year 1	3
AILT9009. AI Literacy 2: Humanities / AILT9019. Artificial Intelligence Literacy II	in Year 2	3
CAES92xx. English in the Discipline (ED course) / CASE9542. Technical English for Computer Science	in Year 2 / in Year 4 or Year 5	6
CART9001. Practical Chinese for Arts Students / “Practical Chinese” course for Computing and Data Science Students	in Year 3	6
Common Core courses Students are required to complete 24 credits from different Areas of Inquiry (AoI) in the Common Core Curriculum within the first three years of studies.	Years 1 – 3	24
Successful completion of any other non-credit bearing course(s) as required	Before graduation	N/A
Total		42

(II) Major in Artificial Intelligence and Humanity

Requirements	To be taken	Credits
AIHU1001 Foundations of AI and humanity	in Year 1	6
AIHU1002 Ethics, society and law of Artificial Intelligence	in Year 1	6
AIHU2001 Human and machine cognition	in Year 2 / 3	6
AIHU2002 Modelling, assessment, and benchmarking	in Year 2 / 3	6
AIHU2003 Creativity and generative AI	in Year 2 / 3	6
AIHU3001 Advanced topics in AI and humanity	in Year 3/4/5	6
AIHU4001 Research project in AI and humanity (capstone experience)	in Year 3/4/5	6
AIH Humanities Electives <u>Note:</u> Students are required to complete 36 credits of advanced courses, except language-learning courses (e.g. "FREN2001. French II.1"), in any <u>single</u> Arts programme (e.g. Philosophy, General Linguistics) offered by: • School of Chinese • School of English • School of Humanities • School of Modern Languages and Cultures • Centre of Buddhist Studies	Years 1 – 5	36
Total		78

(III) Professional Core in Artificial Intelligence and Data Science

Requirements	To be taken	Credits
COMP1110 Computing and data science in everyday life	in Year 1	6
COMP1117 Computer programming	in Year 1	6
COMP2113 Programming technologies	in Year 1	6
MATH1013 University mathematics II	in Year 1	6
MATH2012 Fundamental concepts of mathematics*	in Year 1	6
MATH2014 Multivariable calculus and linear algebra*	in Year 2	6
COMP2119 Introduction to data structures and algorithms	in Year 2	6
COMP2501 Introduction to data science	in Year 2	6
SDST2601 Probability and statistics I	in Year 2	6
SDST2602 Probability and statistics II	in Year 2	6
COMP3270 Introduction to artificial intelligence	in Year 3/4/5	6
COMP3278 Introduction to database management systems	in Year 3/4/5	6
COMP3312 Law and ethics in data science	in Year 3/4/5	6
COMP3314 Introduction to machine learning	in Year 3/4/5	6
COMP3340 Introduction to deep learning	in Year 3/4/5	6
COMP3510 Internship [^]	in Year 3/4	6
COMP3522 Real-life AI and data [^]	in Year 3/4	6
COMP4503 AI and data science in humanity project [^]	in Year 5	6
Disciplinary Elective Courses Please find the course descriptions and enrollment conditions of the eligible disciplinary electives on the BEng(AI&DataSc) syllabuses (click the syllabuses of BEng(AI&DataSc) on "Programme Syllabuses" section of https://www.cds.hku.hk/prospective-students/undergraduate/6999-computing-and-data-science/).	Years 3 – 5	36
Total		144

* Students who are passionate and would like to explore more about mathematics can opt for "MATH2101 Linear algebra I" and "MATH2211 Multivariable calculus" in replacement of MATH2012 and MATH2014.

[^] Capstone experience & internship

(IV) Remaining credits

Requirements	Credits
Other Arts/non-Arts courses as free electives - students are required to complete 36 credits of free electives in Year 1 to 5. - free elective are courses offered by the Faculty of Arts, School of Computing and Data Science and other teaching units of the University, except the Common Core curriculum. - it is optional for students to pursue a minor, which can be offered by the Faculty of Arts, School of Computing and Data Science or other teaching units. <u>Note:</u> For specific requirements of Arts majors, please refer to the following documents for details: - BA Regulations and Syllabuses (https://arts.hku.hk/current-students/undergraduate/ba/curriculum-structure/) Summary Tables of Requirements of Arts Majors and Minors (http://arts.hku.hk/current-students/undergraduate/BA/majors-minors)	36

(V) Suggested Order of Study

Please see **Appendix A** for reference.

(B) Declaration of an optional minor

Students can declare an optional minor from Year 2 onwards. They can make the declaration on SIS and revise it during the course selection periods up to Semester 1 of their Year 5 studies. If any changes on the minor declaration are required afterwards, please approach the Arts Faculty Office for approval. Completion of a minor will not be shown on the transcript if students did not make the relevant declaration on SIS during their BA&BEng(AI&DataSc) studies. Please note that a course cannot be double counted to fulfil the requirement of more than a major (or a minor).

(C) Semester study load

The normal study load is 30 credits in Semester 1 and Semester 2. Students may take 24 to 36 credits without seeking the Faculty's approval in these semesters. The maximum number of credits to be taken in one academic year (including the summer semester) is 72 credits. With the special permission of the Faculty, students may exceed the annual study load of 72 credits in a given academic year, provided that the total number of credits taken does not exceed the maximum curriculum study load of 360 credits for the normative study period of five years, unless students are required to make up for failed credits.

Concerning the calculation of semester study load, the credits of "full-year" courses (e.g. 12 credits) will be divided equally between Semester 1 and Semester 2 (i.e. 6+6 credits).

(D) Late add/ drop of courses

Requests for changes of enrolled courses after the designated add/drop period of the relevant semester shall **not** normally be considered.

(E) Timetable clashes

Students' course selection in SIS **should not** result in any timetable clashes as this will affect students' class participation, and thus the final results, of the courses concerned.

(F) Special requests

If students wish to make any of the following special arrangements for course selection related to their BA&BEng(AI&DataSc) studies, they must comply with the application procedures:

- Leave of absence for Semester 1 and/or Semester 2, or a shorter period
- Undertaking special study load, i.e. more than 36 credits or less than 24 credits in one semester
- Exemption from compulsory/prerequisite courses for fulfilling the requirements of the University, BA&BEng(AI&DataSc) curriculum, majors/minors or individual courses
- Credit transfer for exchange studies

Students are required to apply to the Arts Faculty Office for approval. The relevant forms are available at <http://arts.hku.hk/current-students/undergraduate/forms>.

(G) Failure in courses

Students are required to complete not fewer than 300 credits including all the compulsory courses/requirements to graduate. To make up for any failed credits, students may retake the failed course(s) or take (an)other course(s) in lieu, whichever is appropriate.

(H) Discontinuation

Students shall be recommended for discontinuation of their studies if they have:

- failed to complete successfully 36 or more credits in two consecutive semesters (not including the summer semester), except where they are not required to take such a number of credits in the two given semesters; or
- failed to achieve an average Semester GPA of 1.0 or higher for two consecutive semesters (not including the summer semester); or
- exceeded the maximum period of registration (i.e. 8 years) without the approval of the Board of the Studies for the BA&BEng(AI&DataSc).

(I) Honours Classifications

Students will obtain a degree for BA and a degree for BEng(AI&DataSc) simultaneously when they complete their BA&BEng(AI&DataSc) studies. Among the 300 credits of curricula requirements, 240 credits are counted towards each degree.

Class of honours	GGPA range
First Class Honours	3.60 – 4.30
Second Class Honours	(2.40 – 3.59)
Division One	3.00 – 3.59
Division Two	2.40 – 2.99
Third Class Honours	1.70 – 2.39
Pass	1.00 – 1.69

Programme administration

Students are welcome to seek academic advice from the BA&BEng(AI&DataSc) Programme Team:

- Programme Director (Arts): [Prof. Boris BABIC](#)
- Programme Director (CDS): [Prof. Michael WU](#)

For procedural matters of the BA&BEng(AI&DataSc) curricula (e.g. see Section F above), students can contact babeng@hku.hk . For course arrangements, please contact the relevant teaching units directly.

August 2026

Appendix A

FACULTY OF ARTS
Suggested Order of Study: BA&BEng(AI&DataSc) 5-Year Programme

Requirements	Year 1		Year 2		Year 3		Year 4		Year 5	
	Course	Credits	Course	Credits	Course	Credits	Course	Credits	Course	Credits
Major in AIH	AIHU1001 Foundations of AI and humanity	6	AIHU2001 Human and machine cognition (Year 2 or 3)	18						
	AIHU1002 Ethics, society and law of Artificial Intelligence	6	AIHU2002 Modelling, assessment, and benchmarking (Year 2 or 3)	(e.g. 12 in Year 2, 6 in Year 3)						
			AIHU2003 Creativity and generative AI (Year 2 or 3)							
					AIHU3001 Advanced topics in AI and humanity (Year 3, 4 or 5)					12
Professional Core			AIHU4001 Research project in AI and humanity (capstone experience) (Year 3, 4 or 5)							
			One AIH advanced elective	6	Two AIH advanced elective	12	Two AIH advanced elective	12	One AIH advanced elective	6
	COMP1110 Computing and data science in everyday	6	MATH2014 Multivariable calculus and	6	COMP3270 Introduction to artificial intelligence (Year 3, 4 or 5)					30
	COMP1117 Computer programming	6	COMP2119 Introduction to data structures and algorithms	6	COMP3278 Introduction to database management systems (Year 3, 4 or 5)					(e.g. 12 in Year 3, 12 in Year 4, 6 in Year 5)
	COMP2113 Programming technologies	6	COMP2501 Introduction to data science	6	COMP3312 Law and ethics in data science (Year 3, 4 or 5)					
	MATH1013 University mathematics II	6	SDST2601 Probability and statistics I	6	COMP3314 Introduction to machine learning (Year 3, 4 or 5)					
	MATH2012 Fundamental concepts of mathematics*	6	SDST2602 Probability and statistics II	6	COMP3340 Introduction to deep learning (Year 3, 4 or 5)					
					[capstone] COMP3510 Internship (Year 3 or 4)	12	[capstone] COMP4503 AI and data	6		
					[capstone] COMP3522 Real-life AI and data science (Year 3 or 4)					
University	CAES1001 Academic Communication in English	0	One English in the Discipline course	6	Two AI&DataSc disciplinary electives	12	Two AI&DataSc disciplinary electives	12	Two AI&DataSc disciplinary electives	12
	One Common Core course	6	One Common Core course	6	Chinese language enhancement course	6				
	AILT1001, Artificial Intelligence Literacy I	3	AILT9009, AI Literacy 2: Humanities /	3	Two Common Core courses	12				
			AILT9019, Artificial Intelligence Literacy II							
Successful completion of any non-credit bearing course(s) as required (by the Final Semester of Studies)										
Remaining	One Arts introductory elective	6	Free elective(s)	0-6	Free elective(s)	0-12	Free elective(s)	0-12	Free elective(s)	0-18
	Total: 57		Total: 63		Total: 60		Total: 60		Total: 60	

Notes:

- Students should read this together with the relevant syllabuses available on <https://arts.hku.hk/current-students/undergraduate/ba/beng/>
- Students should complete 24 credits from any four different Areas of Inquiry (AoI) in the Common Core courses in Year 1-3.
- Students should complete 1 "English in the Discipline" course (CAES92XX in Year 2 or CAES9542 in Year 4 or Year 5).
- Students are required to complete one Chinese language enhancement course, either CART9XXX or the "Practical Chinese" course for Computing and Data Science students. Putonghua/Mandarin-speaking students should take a CUND9XXX course to fulfill this requirement. Students who did not study Chinese
- AIH Humanities Electives – students must complete 36 credits of advanced courses, except language-learning courses (e.g. "FREN2001, French II.1"), in any single Arts programme (e.g. Philosophy, General Linguistics) offered by the School of Chinese, School of English, School of Humanities, School of Modern
- Free elective = offered by the Faculty of Arts, School of Computing and Data Science and other teaching units of the University (except the Common Core curriculum), which can be used to pursue an optional minor.

* Students who are passionate and would like to explore more about mathematics can opt for "MATH2101 Linear algebra I" and "MATH2211 Multivariable calculus" in replacement of MATH2012 and MATH2014.

Summary of Credits

Common Core courses	24
Compulsory language enhancement courses	0 + 12
Artificial Intelligence Literacy courses	6
Major in Artificial Intelligence and Humanity (AIH)	78
Professional Core in Artificial Intelligence and Data Science	144
Free Electives	36
Non-credit bearing course(s)	1
Total Credits	300

August 2026