



ISP 2020 - Tentative Course List

- ✧ This list will be updated from time to time and more courses are expected to be added. Class schedules will be available in mid-April 2020.
- ✧ Please refer to the [HKUST UG Course Catalog](#) regarding course descriptions and, if any, their prerequisite and corequisite courses.
- ✧ The syllabi here are for reference only. Syllabi are subject to changes and adjustments to fit the teaching as deemed appropriate by the course instructors.
- ✧ While every effort has been made to avoid cancellation of course, we cannot guarantee that all the courses listed below will be offered eventually. External factors such as industrial action and leave of staff may make it impossible for us to offer a previously provided option. HKUST reserves the right to make any changes on this course list. Please make sure that you are flexible enough to adjust your study plan whenever necessary.

Discipline	Course Code	Course Title	Credits	Requisite Waiver Required	Syllabus in the Past	Remarks
Science	CHEM 1002	Introduction to Chemistry of Cosmetics	3	-	Click here	-
Science	CHEM 4680	Undergraduate Research	3	Yes, please refer to the HKUST UG Course Catalog .	Click here	1) Additional approval from Faculty is required to take this course. Please send an email to isp@ust.hk if you are interested. 2) Students will be required to take and pass the Mandatory Safety Courses in advance (except for Computational Chemistry discipline including Prof. Zhenyang Lin, Prof. Xuhui Huang and Prof. Haibin Su, Safety Courses are then not required). 3) Students who enroll in this course are not expected to take any other lecture courses during ISP as they are supposed to spend 117 hours in total (including lab work, supervisor's instruction, lab preparation, thesis writing, etc.) for completing this course.
Science	LIFS 1020	Biology of Human Health	3	-	Click here	-
Science	LIFS 1030 = OCES 1030	Environmental Science	3	-	Click here	-
Science	MATH 2111	Matrix Algebra and Applications	3	Yes, please refer to the HKUST UG Course Catalog .	Click here	-
Science	MATH 2352	Differential Equations	4	Yes, please refer to the HKUST UG Course Catalog .	Click here	-
Science	PHYS 1006	Astronomy for Beginners	3	-	Click here	-
Science	PHYS 1114	General Physics II	3	Yes, please refer to the HKUST UG Course Catalog .	Click here	-
Science	PHYS 1115	Laboratory for General Physics II	1	-	Click here	-



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Engineering	CENG 4980	Investigation Project	3	Yes, please refer to the HKUST UG Course Catalog .	Click here	-
Engineering	COMP 1029C	C Programming Bridging Course	1	Yes, please refer to the HKUST UG Course Catalog .	Click here	Graded P or F. This is an online course without any face-to-face components. You do not need to physically attend any lectures or labs, but there will be online exercises and a written final examination.
Engineering	COMP 1029J	Java Programming Bridging Course	1	Yes, please refer to the HKUST UG Course Catalog .	Click here	Graded P or F. This is an online course without any face-to-face components. You do not need to physically attend any lectures or labs, but there will be online exercises and a written final examination.
Engineering	COMP 1029P	Python Programming Bridging Course	1	Yes, please refer to the HKUST UG Course Catalog .	Click here	Graded P or F. This is an online course without any face-to-face components. You do not need to physically attend any lectures or labs, but there will be online exercises and a written final examination.
Engineering	COMP 1029V	Excel VBA Programming Bridging Course	1	Yes, please refer to the HKUST UG Course Catalog .	Click here	Graded P or F. This is an online course without any face-to-face components. You do not need to physically attend any lectures or labs, but there will be online exercises and a written final examination.
Engineering	COMP 3311	Database Management Systems	3	Yes, please refer to the HKUST UG Course Catalog .	Click here	-
Engineering	ELEC 1100	Introduction to Electro-Robot Design	4	-	Click here	-
Business & Management	ACCT 2010	Principles of Accounting I	3	-	Click here	This course is only open to business-major students who are admitted to HKUST School of Business and Management.
Business & Management	ISOM 1380	Technology and Innovation: Social and Business Perspectives	3	-	Click here	-
Business & Management	ISOM 2700	Operations Management	3	-	Click here	-
Business & Management	ISOM 3310	e-Business Management and Web Analytics	3	-	Click here	-
Business & Management	MGMT 1110	Introduction to Management	3	-	Click here	-
Humanities & Social Science	HUMA 2106	A New Approach to Music Making	3	-	Click here	-



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Humanities & Social Science	HUMA 2440	20th-Century China in Documentary Films	3	-	Click here	-
Humanities & Social Science	SOSC 1190	China and the World: China's Development in Historical and Comparative Perspectives	3	-	Click here	-
Humanities & Social Science	SOSC 1300	The World of Politics	3	-	Click here	-
Humanities & Social Science	SOSC 1960	Discovering Mind and Behavior	3	-	Click here	-
Environment	ENVR 2020	Urban Air Pollution	3	-	Click here	-