

ISP 2018 - 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 2018.
- ✧ Please refer to the [HKUST UG Course Catalog](#) regarding to course descriptions and their prerequisite and corequisite, if any.
- ✧ The syllabi here are for reference only. Syllabi are subject to changes/adjustments to fit the teaching as deemed appropriate by the course instructors.

Discipline	Course Code	Course Title	Credits	Requisite Waiver Required	Course Description	Syllabus	Remarks
Science	CHEM 1002	Introduction to Chemistry of Cosmetics	3	-	view course description	view syllabus	-
Science	CHEM 1020	General Chemistry IB	2	Yes	view course description	view syllabus	-
Science	ENVS 4012A	An Introduction to Geographic Information System (GIS) and Its Application	3	-	view course description	view syllabus	-
Science	LIFS 1020	Biology of Human Health	3	-	view course description	view syllabus	-
Science	LIFS 1030	Environmental Science	3	-	view course description	view syllabus	-
Science	MATH 2111	Matrix Algebra and Applications	3	Yes	view course description	view syllabus	-
Science	MATH 2352	Differential Equations	4	Yes	view course description	view syllabus	-
Science	MATH 2411	Applied Statistics	4	Yes	view course description	view syllabus	-
Science	PHYS 1006	Astronomy for Beginners	3	-	view course description	view syllabus	-
Science	PHYS 1112	General Physics I with Calculus	3	Yes	view course description	view syllabus	-
Science	PHYS 1113	Laboratory for General Physics I	1	-	view course description	view syllabus	-
Science	PHYS 1114	General Physics II	3	Yes	view course description	view syllabus	-
Science	PHYS 1115	Laboratory for General Physics II	1	-	view course description	view syllabus	-
Engineering	CIVL 1160	Civil Engineering and Modern Society	3	-	view course description	view syllabus	-



Discipline	Course Code	Course Title	Credits	Requisite Waiver Required	Course Description	Syllabus	Remarks
Engineering	COMP 1022P	Introduction to Computing with Java	3	-	view course description	view syllabus	-
Engineering	COMP 1029C	C Programming Bridging Course	1	Yes	view course description	view syllabus	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	view course description	view syllabus	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	view course description	view syllabus	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	view course description	view syllabus	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	view course description	view syllabus	-
Engineering	COMP 4021	Internet Computing	3	Yes	view course description	view syllabus	-
Engineering	COMP 4211	Machine Learning	3	Yes	view course description	view syllabus	-
Engineering	ELEC 1100	Introduction to Electro-Robot Design	4	-	view course description	view syllabus	-
Business & Management	ACCT 2010	Principles of Accounting I	3	-	view course description	view syllabus	This course is only open for 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	-	view course description	view syllabus	-



Discipline	Course Code	Course Title	Credits	Requisite Waiver Required	Course Description	Syllabus	Remarks
Business & Management	ISOM 3310	e-Business Management and Web Analytics	3	-	view course description	view syllabus	-
Business & Management	MARK 2120	Marketing Management	3	-	view course description	view syllabus	-
Humanities & Social Science	HUMA 1520	Modern East Asia	3	-	view course description	view syllabus	-
Humanities & Social Science	HUMA 2106	A New Approach to Music Making	3	-	view course description	view syllabus	-
Humanities & Social Science	HUMA 2633	Before Mao: Traditional Chinese Society from 1800 to 1949	3	-	view course description	view syllabus	-
Humanities & Social Science	HUMA 4000I	Ecology and Society	3	-	view course description	view syllabus	-
Humanities & Social Science	SOSC 1661	Contemporary Hong Kong: Government & Politics	3	-	view course description	view syllabus	-
Humanities & Social Science	SOSC 1960	Discovering Mind and Behavior	3	-	view course description	view syllabus	-
Environment	ENVR 2002D	Envisioning Sustainability: Challenges and Solutions	1	-	view course description	view syllabus	-
Environment	ENVR 2020	Urban Air Pollution	3	-	view course description	view syllabus	-