# BNU-HKBU UNITED INTERNATIONAL COLLEGE UNDERGRADUATE HANDBOOK 2021-2022

Division of Science and Technology Environmental Science Programme

# **Contents**

1.	Intro	oduction	3
	1.1.	Programme Title	3
	1.2.	Philosophy/Rationale	3
2.	The	Division of Science and Technology	3
3.	The	Environmental Science Programme	4
	3.1.	Teaching Methods and Medium of Instruction	4
	<i>3.2</i> .	Programme Intended Learning Outcomes	4
	3.3.	Special Features	5
4.	Teac	ching Staff	5
5.	Prog	gramme Structure	5
	5.1.	Major Required Courses	6
	5.2.	Major Elective Courses	6
	5.3.	University Core Courses	8
	5.4.	General Education Programme	8
	5.5.	Free Elective Courses	8
	5.6.	The PILOs – Major Courses Mapping Matrix	8
	<i>5.7</i> .	Teaching and Learning	10
6.	Fou	r-Year Study Plan	11
	6.1.	Year One	11
	6.2.	Winter/Summer Study of Year One	12
	6.3.	Year Two	12
	6.4.	Year Three	13
	6.5.	Year Four	13
7.	Inte	rnship, Placement and Overseas Visits	14

#### 1. Introduction

This student handbook provides general information about the **Environmental Science Programme** in the Division of Science and Technology, BNU-HKBU United International College. Students can also find specific information about the programme curriculum, structure, degree requirements, etc. in this handbook. Students should read this handbook carefully and discuss any queries with their mentors, teachers, Programme Director, or the Division Dean. The contents of this handbook are for reference only, and are subject to change without notice.

#### 1.1. Programme Title

Bachelor of Science (Honours) in Environmental Science

#### 1.2. Philosophy/Rationale

The impact of human society on the environment, the management of natural resources, sustainability, and the decreasing biodiversity of our planet are major concerns. This is particularly true in Southern China, such as the Pearl River Delta (PRD) region, which is one of the world's fastest growing economic regions. Rapid growth in this region has led to the intrusion of cities and urban centres into rural areas, bringing along with it tremendous amounts of construction and industrial activities. This has led to environmental degradation and ultimately adverse effect on people's health. To ensure a quality environment and standard of living, well thought-out environmental policies and sustainable economic development are required at the national, provincial, and city levels. Professionals well-versed in the latest environmental technology and corporate management concepts are thus in great demand.

A multidisciplinary approach is needed to achieve a balance between the environmental quality required for healthy living and the rapid industrial growth required for economic prosperity. The Environmental Science Programme adopts such an approach, encompassing the latest scientific, theoretical, technological as well as socio-economic, geographical and political knowledge in its curriculum.

Policies for sustainable development must be based on comprehensive scientific knowledge of the environment, as well as an in-depth understanding of the social, economic, political and geographical aspects of the region. Currently there is a dearth of professionals with the required scientific knowledge and managerial skills to deal with the diverse environmental problems in China. This Programme trains professionals, who can provide solutions to these problems by using the latest science and technology, together with good knowledge in environmental management, to ensure an environmentally sustainable development in this region.

#### 2. The Division of Science and Technology

The primary academic objective of the Division is to provide students with a number of four-year Honours Degree Programmes. Nine major programmes are currently offered:

Programme	Degree <sup>i</sup>	Years of Study
Applied Mathematics 应用数学	BSc (Hons) <sup>(i)</sup> 理学士(荣誉)	
Applied Psychology 应用心理学	BSc (Hons) <sup>(ii)</sup> 理学士(荣誉)	4
Artificial Intelligence 人工智能	BSc (Hons) <sup>(iii)</sup> 理学士(荣誉)	4
Computer Science and Technology 计算机科学与技术	BSc (Hons) <sup>(iv)</sup> 理学士(荣誉)	4
Data Science 数据科学	BSc (Hons) <sup>(v)</sup> 理学士(荣誉)	4
Environmental Science 环境科学	BSc (Hons) <sup>(vi)</sup> 理学士(荣誉)	4
Financial Mathematics 金融数学	BSc(Hons) <sup>(vii)</sup> 理学士(荣誉)	4
Food Science and Technology 食品科学与工程	BSc (Hons) <sup>(viii)</sup> 理学士(荣誉)	4
Statistics 统计学	BSc (Hons) <sup>(ix)</sup> 理学士(荣誉)	4

#### 3. The Environmental Science Programme

The Environmental Science Programme at UIC is committed to quality, leading-edge education, and research. It offers the Bachelor of Science (Honours) in Environmental Science.

#### 3.1. Teaching Methods and Medium of Instruction

Teaching will be mainly by formal lectures. Tutorials and laboratory sessions will also be organised to complement formal lectures. The most up-to-date IT tools to aid teaching and learning will be used. English is the medium of instruction for lectures, tutorials and laboratory classes.

#### 3.2. Programme Intended Learning Outcomes

The Bachelor of Science (Honours) in Environmental Science, being highly interdisciplinary in nature, draws on the relevant knowledge from a wide range of disciplines, such as biology, chemistry, biotechnology, engineering, management, sociology, etc. We expect, upon satisfactory completion of the Programme, students should be able to:

**PILO 1:** Explain scientific principles and concepts of technologies related to environmental science;

\_

i The following degrees will be awarded by the Hong Kong Baptist University: (i) Bachelor of Science (Honours) in Applied Mathematics 应用数学理学士 (荣誉); (ii) Bachelor of Science (Honours) in Applied Psychology 应用心理学理学士 (荣誉); (iii) Bachelor of Science (Honours) in Artificial Intelligence 人工智能理学士 (荣誉); (iv) Bachelor of Science (Honours) in Computer Science and Technology 计算机科学与技术理学士 (荣誉); (v) Bachelor of Science (Honours) in Data Science 数据科学理学士 (荣誉); (vi) Bachelor of Science (Honours) in Environmental Science 环境科学理学士 (荣誉); (vii) Bachelor of Science (Honours) in Financial Mathematics 金融数学理学士 (荣誉); (viii) Bachelor of Science (Honours) in Food Science and Technology 食品科学与工程理学士 (荣誉); (ix) Bachelor of Science (Honours) in Statistics 统计学理学士 (荣誉).

- **PILO 2:** Apply different methodologies to characterise both natural and human-made environmental problems, especially those associated with rapid industrialisation and urbanisation;
- **PILO 3:** Work independently, or as a team, to evaluate the risks associated with problems caused by human to the nature and human societies using methods of international standard and modelling software;
- **PILO 4:** Formulate management strategies and rational public policies to resolve complex environmental issues with an open-minded and inquiring manner; and
- PILO 5: Communicate and work efficiently with both academic and non-academic organisations.

#### 3.3. Special Features

On the teaching and learning aspect of the Programme, in addition to the lecture on the theoretical concepts and principles of environmental science, the Programme is supported by a comprehensive laboratory component, accompanying all the major lecture topics discussed. Field studies are also emphasised as they allow students to get a first-hand picture on the various environmental problems as well as the successes of advanced remediation methods. All the students are expected to complete a project in the final year of their study. Students will also be able to interact with environmental professionals through seminars and specially arranged discussion groups to learn about the latest advances in environmental technology, issues in environmental management, as well as career opportunities and placement.

#### 4. Teaching Staff

Full-time teaching staff members are recruited from all over the world. All teachers recruited must possess a Ph.D. and have relevant research experience. Experts or specialists in the field of Environmental Science, with exceptional skills and experience, are also recruited.

#### 5. Programme Structure

The Bachelor of Science (Honours) in Environmental Science is a four-year full-time degree programme. In addition to the major courses, students are required to take supporting, interdisciplinary, General Education (GE) Courses and the Whole Person Education Experiential Learning Modules (WPEX) of their own choice. In the final year of study, students take individual final year projects in which they gain in-depth knowledge, basic research techniques, and training in thesis writing. There are two categories of major courses: Major Required (48 units) and Major Elective (12 units) Courses. In addition to the 12 units of major electives, students are encouraged to choose more major elective courses as free electives based on their interests and plans for future development.

Students are normally expected to complete 151 units within the curriculum structure below:

Courses Category	Units
Major Required Courses (专业必修课)	55
Major Elective Courses (专业选修课)	18
University Core Courses (大学核心课)	36

Courses Category	Units
General Education Courses (通识教育课)	18
Free Elective Courses (自由选修课)	24
Total	151

## 5.1. Major Required Courses

Code	English Title	Chinese Title	Units
BIOL1023	Diversity of Life and Laboratory	生命多样性与实验	3
BIOL2003	General Biology	生物学	3
BIOL2023	Conservation Ecology	生态守恒	3
BIOL2093	Microbiology	微生物学	3
BIOL2103	Biology and Ecology Laboratory	生物和生态学实验	3
BIOL3003	Environmental Health and Toxicology	环境健康与毒物学	3
BIOL3053	Environmental Biotechnology and Laboratory	环境生物技术与实验	3
CHEM2003	General Chemistry	化学	3
CHEM2053	Chemistry Laboratory	化学实验	3
ENV1023	Introduction to Planet Earth Science	地球科学导论	3
ENV2003	Introduction to Environmental Science	环境科学导论	3
ENV3003	Resources and the Environment	资源与环境	3
ENV3013	Sustainable Environmental Management	可持续发展环境管理	3
ENV3043	Environmental Study Laboratory	环境学实验	3
ENV3163	Atmospheric Science and Pollution	大气科学与污染	3
ENV3173	Hydrology and Water Engineering	水文科学与工程	3
ENV4004	Final Year Project I (ENV)	毕业论文 I	3
SCIT1023	Laboratory Safety	实验室安全	1
STAT1013	Introduction to Probability and Statistics	概率统计概论	3
	Total	合计	55

#### 5.2. Major Elective Courses

As described earlier, students are required to take 6 courses (18 units) from this course category. At least 6 of 18 units must be selected from the courses offered by the Environmental Science Programme and the others can be selected from the courses offered by other programmes. Students should pay attention to the pre-requisite(s) for each course. Thus, students should plan early and carefully in order to take all of their desired courses within the four years of study. The availability of major elective courses offered in each semester is subject to staff availability. New courses may be added to the list from time to time. Students should consult the Programme Director for information and confirmation.

# 5.2.1. Major Electives offered by the Environmental Science Programme

Code	English Title	Chinese Title	Units
ACCT2003	Principles of Accounting I	会计学原理I	3
BIOL1013	Biodiversity and the Extinction Crisis	生物多样性灭绝危机	3
BIOL2063	Biochemistry	生物化学	3
BIOL2083	The Ecology and Bioconservation in China	中国的生态及生物保育	3
BIOL3033	Practical Biodiversity Conservation	生物多样性保育	3
BIOL4023	Biochemistry and Biotechnology Laboratory	生物化学与生物技术实验	3
CHEM3013	Chemical Analysis	化学分析	3
DS1013	Python programming for Beginners	Python 编程入门	3
ECON2003	Principles of Macroeconomics	宏观经济学原理	3
ECON2013	Principles of Microeconomics	微观经济学原理	3
ENV1003	Climate Change	气候变化	3
ENV1013	Introduction to Eco-Cities	生态城市概论	3
ENV3023	Environmental Chemistry and Pollution Control	环境化学与污染控制	3
ENV3053	Environmental Nanotechnology	环境纳米技术	3
ENV3063	Introduction to Environmental Geology	环境地质学导论	3
ENV3073	Introduction to Geographic Information Systems for Environmental Management	环境管理地理信息系统概论	3
ENV3083	Fundamentals of Biogeochemistry	生物地球化学基础	3
ENV3093	Terrestrial and Aquatic Environments in China	中国的陆地和水环境	3
ENV3103	Introduction to Environmental Engineering	环境工程学导论	3
ENV3113	China's Environmental Law and International Cooperation Policy	中国环境法和国际合作政策	3
ENV3123	Introduction to Occupational Health and Safety	职业健康安全概论	3
ENV3153	Research Methods for Environmental Science and Studies	环境科学研究方法	3
ENV3183	Practical Environmental Analysis and Monitoring	环境分析与监控实习	3
ENV4003	Green Business Management	绿色商业管理	3
ENV4005	Final Year Project II (ENV)	毕业论文 Ⅱ	3
ENV4013	Integrated Solid Waste Management	综合固体废物管理	3
ENV4033	Land Contamination and Remediation	土地污染与治理	3
ENV4043	Selected Topics in Environmental Science	环境科学选题	3
ENV4063	Introduction to ISO Generic Management Systems (ISO9001 & ISO14001) and Auditing	ISO 通用管理系统(ISO9001 和 ISO14001)与审核	3
ENV4073	Internship in Environmental Science and Management	环境科学与管理实习	3
GCAP3143	Ecological Civilization in Greater Bay Community	大湾区社区生态文明	3

MATH1053	Linear Algebra I	线性代数 I	3
MATH1123	Calculus For Science and Engineering	微积分 I	3
MHR3003	Human Resource Management	人力资源管理	3
PHYS2003	Principles of Physics	物理原理	3

<sup>\*</sup> Students who continue with the final year project in the second semester of Year 4 should, with the approval of the Programme Director, register Final Year Project II (ENV) as a major elective in that semester.

#### 5.3. University Core Courses

All students should complete 36 units of University Core courses to fulfil the graduation requirements, which consist of 3 units of Chinese course, 9 units of English courses, 16 units of Philosophy, Politics and Economics courses, 2 units of Military Training, 3 units of Whole Person Education Experiential Learning Modules and 3 units of Healthy Lifestyle courses.

#### 5.4. General Education Programme

All students should complete 18 units of General Education (GE) Courses to fulfil the graduation requirements. The GE Programme consists of (a) 9 units of Foundational Courses, (b) 6 units of Interdisciplinary Thematic Courses and (c) 3 units of GE Capstone Courses. Please see Appendix II for detailed information about the GE Programme

#### 5.5. Free Elective Courses

The 24 units of Free Electives could be used by students to (a) spend a semester abroad; (b) take a minor or (c) take more courses offered by the teaching units.

#### 5.6. The PILOs – Major Courses Mapping Matrix

Each course offered by the Environmental Science Programme, either required or elective course, is designed to meet certain PILOs as listed in Table 2.

Table 2. The PILOs – Major Courses Mapping Matrix

PILOs Courses	PILO 1	PILO 2	PILO 3	PILO 4	PILO 5
Major Required Courses					
BIOL1023 Diversity of Life and Laboratory	X	X	X		
BIOL2003 General Biology	X	X			
BIOL2023 Conservation Ecology	X	X	X		
BIOL2093 Microbiology	X	X			X
BIOL2103 Biology and Ecology Laboratory	X	X	X		
BIOL3003 Environmental Health and Toxicology	X	X	X		
BIOL3053 Environmental Biotechnology and Laboratory	X	X	X		
CHEM2003 General Chemistry	X	X			
CHEM2053 Chemistry Laboratory	X	X	X		

PILOs					
Courses	PILO 1	PILO 2	PILO 3	PILO 4	PILO 5
ENV1023 Introduction to Planet Earth Science	X	X	X		
ENV2003 Introduction to Environmental Science	X	X	X		
ENV3003 Resources and the Environment	X		X	X	
ENV3013 Sustainable Environmental Management	X	X	X	X	X
ENV3043 Environmental Study Laboratory	X	X	X	X	X
ENV3163 Atmospheric Science and Pollution	X		X	X	
ENV3173 Hydrology and Water Engineering	X	X	X		
ENV4004 Final Year Project I (ENV)	X	X	X	X	X
SCIT1023 Laboratory Safety	X	X			
STAT1013 Introduction to Probability and Statistics	X	X			X
Major Elective Courses	I.	I	I	l	
Environmental Natural Science					
BIOL1013 Biodiversity and the Extinction Crisis		X	X	X	
BIOL2063 Biochemistry	X	X			
BIOL2083 The Ecology and Bioconservation in China		X	X	X	
BIOL3033 Practical Biodiversity Conservation	X	X		X	
ENV3063 Introduction to Environmental Geology	X	X	X	X	
ENV3083 Fundamentals of Biogeochemistry	X	X	X		
ENV3093 Terrestrial and Aquatic Environments in China	X	X		X	
Environmental Technology, Science and Engineering	I				
BIOL4023 Biochemistry and Biotechnology Laboratory	X	X	X		
CHEM3013 Chemical Analysis	X	X	X		
ENV3023 Environmental Chemistry and Pollution	37	***	***		
Control	X	X	X		
ENV3053 Environmental Nanotechnology	X	X	X		X
ENV3073 Introduction to Geographic Information	X	X	X	X	X
Systems for Environmental Management	Λ	Λ	Λ	Λ	Λ
ENV3103 Introduction to Environmental Engineering	X	X	X		
ENV3183 Practical Environmental Analysis and	X	X	X		
Monitoring					
ENV4033 Land Contamination and Remediation	X		X	X	X
Environmental Management, Humanity, and Social Scien	ice				
ENV1003 Climate Change	X		X		X
ENV1013 Introduction to Eco-Cities	X	X		X	
ENV3113 China's Environmental Law and International		X	X	X	
Cooperation Policy					
ENV3123 Introduction to Occupational Health and Safety	X		X	X	
ENV4003 Green Business Management	_	X	X	X	_
ENV4013 Integrated Solid Waste Management	X		X	X	X

PILOs Courses	PILO 1	PILO 2	PILO 3	PILO 4	PILO 5
ENV4043 Selected Topics in Environmental Science	X	X	X	X	X
ENV4063 Introduction to ISO Generic Management Systems (ISO9001 & ISO14001) and Auditing	X	X			X
ENV3153 Research Methods for Environmental Science and Studies	X	X	X		
ENV4005 Final Year Project II (ENV)	X	X		X	X
ENV4073 Internship in Environmental Science and Management		X	X		X
GCAP3093 Ecological Civilization in Greater Bay Community			X	X	X
Mathematics and Natural Science					
DS1013 Python programming for Beginners	X	X	X		
MATH1053 Linear Algebra I	X	X			
MATH1123 Calculus For Science and Engineering	X	X			
PHYS2003 Principles of Physics	X	X	X		
Business Management					
ACCT2003 Principles of Accounting I				X	X
ECON2003 Principles of Macroeconomics				X	X
ECON2013 Principles of Microeconomics				X	X
MHR3003 Human Resource Management				X	X

#### 5.7. Teaching and Learning

The teaching philosophy and method are the same for all the programmes offered by the Division of Science and Technology in order to achieve a pattern of uniformity and common standard between programmes to facilitate ease of unit transfer and interdisciplinary learning for students. Most core courses (Year 2 and 3) will be taught via formal lectures that are supplemented by small group tutorial classes. While basic principles and theoretical concepts are expounded in formal lectures, problem-solving exercises will be the main activity in the tutorial classes. For the more advanced or topical courses, a more interactive style of teaching will be adopted where formal lecturing will be punctuated by ample discussion. The lecturing part is aimed at motivating a particular topic and providing pertinent information, including the basic theory, for the subsequent open discussion among students and the instructor. Case studies, when available, will be used both to reinforce the theoretical concepts learnt as well as to illustrate how basic principles can be applied in solving real-life problems. This teaching method is intended to stimulate critical thinking and to foster the development of problem-solving skills. Oral or poster presentations will be used to allow students to sharpen their communicative and presentation skills.

The sequence of courses is arranged in such a way that fundamental concepts and basic principles in various supporting disciplines of environmental science are covered first. Courses that are of more advanced, specialised or topical nature are offered in the 3rd and 4th years. In addition, relevant laboratory exercises are designed to complement key core lectures.

All students are expected to complete a research project in their final year of study. This final year project is regarded as a capstone course in the curriculum. By working through an independent research project, under the close supervision of academic staff, a student is expected to be able to apply the knowledge he/she has learnt in class, and put it into real practice in environmental science. Through this experience, he/she can gradually evolve to become a professional, one who is able to integrate knowledge acquired from various disciplines to analyse a problem systematically and devise a creative and effective solution.

#### 6. Four-Year Study Plan

#### 6.1. Year One

Semester I	Unit(s)	Semester II	Unit(s)
UCLC1013 English I 大学英文 I	3	UCLC1023 English II 大学英文 II	3
UCLC1003 University Chinese 大学国文	3	CHI1073 Contemporary Chinese Society and Thoughts (Theories) 毛泽东思想和中国特色社会主义理论 体系概论(理论部分)	3
CHI1193 Contemporary World and China <sup>②</sup> 形势与政策		CHI1193 Contemporary World and China <sup>②</sup> 形势与政策	
GE-Foundational Course: Quantitative Reasoning <sup>①</sup> 基础课程: 量化推理	3	GE-Foundational Course: Values and the Meaning of Life <sup>①</sup> 基础课程:价值与人生	3
Healthy Lifestyle <sup>①</sup> 健康生活方式	1	Healthy Lifestyle <sup>①</sup> 健康生活方式	1
ENV2003 Introduction to Environmental Science 环境科学导论	3	WPEX1013 Emotional Intelligence 情绪智能	1
SCIT1023 Laboratory Safety 实验室安全	1	BIOL2003 General Biology 生物学	3
Free Electives 自由选修课	3	ENV1023 Introduction to Planet Earth Science 地球科学导论	3
		STAT1013 Introduction to Probability and Statistics 概率统计概论	3
Total	17	Total	20

<sup>&</sup>lt;sup>1</sup> This denotes a course category in which a list of courses may be developed for students' selection. Students are expected to refer to the Online Course Selection System for courses available under each category.

<sup>&</sup>lt;sup>2</sup> This 2-unit course requires student to attend at least 10 lectures within his/her first two years of study. The units gained will be recorded in the transcript of the particular semester when the requirement is met by the end of that semester.

# 6.2. Winter/Summer Study of Year One

Winter Study	Unit(s)	Summer Study	Unit(s)
CHI1103 Introduction to Modern Social Theories 马克思主义基本原理概论	3	CHI1183 Contemporary Chinese Society and Thoughts (Social Practice) 毛泽东思想和中国特色社会主义理论 体系概论(实践部分)	2
MT1003 Military Training 军事课	2		
Total	5	Total	2

## 6.3. Year Two

Semester I	Unit(s)	Semester II	Unit(s)
CHI1203 Morality and Foundations of Law 思想道德修养与法律基础	3	CHI1063 Chinese Culture and Modern China 中国近现代史纲要	3
WPEX2023 Voluntary Service <sup>①</sup> or WPEX2033 Environmental Awareness <sup>①</sup> 义工服务 或 环境意识	1	UCLC1033 English III 大学英文 III	3
CHI1193 Contemporary World and China <sup>②</sup> 形势与政策		CHI1193 Contemporary World and China <sup>②</sup> 形势与政策	
GE-Foundational Course: History and Civilisation <sup>①</sup> 基础课程: 历史与文明	3	GE-Interdisciplinary Thematic Course(Compulsory IT course: Choose 1 from: IT for Success in Everyday Life and Work, or Telling a Story with Data) 跨学科主题课程	3
BIOL1023 Diversity of Life and Laboratory 生命多样性与实验	3	WPEX2013 Experiential Arts <sup>①</sup> 艺术体验	1
BIOL2023 Conservation Ecology 生态守恒	3	Healthy Lifestyle <sup>①</sup> 健康生活方式	1
BIOL2103 Biology and Ecology Laboratory 生物和生态学实验	3	BIOL2093 Microbiology 微生物学	3
Free Electives 自由选修课	3	CHEM2003 General Chemistry 化学	3
		CHEM2053 Chemistry Laboratory 化学实验	3
Total	19	Total	20

<sup>&</sup>lt;sup>①</sup> This denotes a course category in which a list of courses may be developed for students' selection. Students are expected to refer to the Online Course Selection System for courses available under each category.

<sup>&</sup>lt;sup>2</sup> This 2-unit course requires student to attend at least 10 lectures within his/her first two years of study.

The units gained will be recorded in the transcript of the particular semester when the requirement is met by the end of that semester.

#### 6.4. Year Three

Semester I	Unit(s)	Semester II	Unit(s)
GE-Interdisciplinary Thematic Course <sup>①</sup> 跨学科主题课程	3	BIOL3053 Environmental Biotechnology and Laboratory 环境生物技术与实验	3
BIOL3003 Environmental Health and Toxicology 环境健康与毒物学	3	ENV3003 Resources and the Environment 资源与环境	3
ENV3043 Environmental Study Laboratory 环境学实验	3	ENV3163 Atmospheric Science and Pollution 大气科学与污染	3
Major Electives 专业选修课	6	ENV3173 Hydrology and Water Engineering 水文科学与工程	3
Free Electives 自由选修课	6	Major Electives 专业选修课	3
		Free Electives 自由选修课	6
Total	21	Total	21

<sup>&</sup>lt;sup>1</sup> This denotes a course category in which a list of courses may be developed for students' selection. Students are expected to refer to the Online Course Selection System for courses available under each category.

#### 6.5. Year Four

Semester I	Unit(s)	Semester II	Unit(s)
ENV3013 Sustainable Environmental Management 可持续发展环境管理	3	GE-Capstone Course <sup>①</sup> 通识总整课程	3
ENV4004 Final Year Project I (ENV) 毕业论文 I	3	Major Electives 专业选修课	3
Major Electives 专业选修课	6	Free Electives 自由选修课	3
Free Electives 自由选修课	3		
Total	15	Total	9

<sup>&</sup>lt;sup>1</sup> This denotes a course category in which a list of courses may be developed for students' selection. Students are expected to refer to the Online Course Selection System for courses available under each category.

#### Notes:

- a. Due to actual distribution of staff resources, the final study plans may vary slightly from the versions here.
- b. Students are advised to consult their Programme Director for any variation of the study plan.
- c. Students should pay special attention to the pre-requisites of courses for which they intend to register, the information can be found in the syllabus of each course.
- d. A student will be classified as full-time when registering for a minimum of 15 units per semester. However, in order to facilitate students' job hunting in the second semester of Year 4, some courses of that semester may be taught in earlier semesters. Under such circumstances, Year-4 students with a study load of less than 15 units are also classified as full-time.

#### 7. Internship, Placement and Overseas Visits

In order to provide students with practical experiences and broaden their minds and horizons, UIC will try to arrange internships, placements in industries, companies and enterprises, and overseas visits for students.