

Required Courses	Credits	Lecturer	Time	Classroom	Note	Permanent Course Number	Course Number	First Class	Program
Introduction to Sustainable Chemical Science and Technology II 永續化學科技導論 II	3	Kuang-Lieh Lu Steve Sheng-Fa Yu Ming-Che Shih Hsiao-hua Yu Chun-Hong Kuo Cheng-Chung Wang Joseph Jen-Tse Huang Yu-Ju Chen Wen-Shan Li Hsien-Ming Lee Ito Chao	Wednesday AM 09:00-12:00	B105, IoC, AS 中研院化學所 B105		ISC5101	4061	Feb. 25	SCST
Seminar 書報討論	1	Ito Chao	Wednesday PM 02:30-04:30	B105, IoC, AS 中研院化學所 B105	All the newly enrolled students should attend this course for one year. Professors will leave at least five minutes at the end of the class for questions. The scores of the students will be from the questions they ask, attendance and the presentation in spring semester. The second year students should take this course, but no need to attend. Their scores will be given by the respective thesis advisors on the basis of students' presentation in the group meetings.	IAC5402	4064	Feb. 25	SCST
Colloquium 專題演講	1	Wei-Hau Chang	無上課時間		Submit at least 8 reports on lectures/seminars attended. Please hand in all the reports as one single file and name the file as "Year Semester CQ - student name" (e.g. 2015 Spring CQ - Marie Curie) before the final exam week.	IAC5404	4065		SCST
Lab Rotation 實驗室實習	0		無上課時間		The first semester it is required for every freshmen, second semester it is elective course for the person who need. Once you identify your thesis advisor, don't need to do rotation anymore. Each lab rotation period shall not exceed three months. Students are requested to submit lab rotation form to the SCST secretary within two weeks after finishing each lab rotation. You are welcome to have more lab rotations. Just remember to submit your last rotation form no later than the final exam week of the second semester. Consultation from the Academic and Student Affairs Committee will be provided to students who have difficulty identifying a thesis advisor. By September 1st of the second academic year, you must have identified your thesis advisor.	ISC5111	4062		SCST
Elementary Chinese II 初級中文 II	0	Ms. Chi (戚恕平)	Monday AM09:00~12:00	R207, TIGP T&A Building, AS 中研院國際研究生教學 研究大樓 2F	Required for all international students unless proof of Chinese proficiency can be provided.	ISC5103	4063	Mar. 2	SCST

Elective Courses	Credits	Lecturer	Time	Classroom	Note	Permanent Course Number	Course Number	First Class	Program
Experimental Molecular Biophysics 實驗分子生物	3		Tuesday PM 02:00-05:00	R102.IBC.AS 中研院生化所 R102		ISC5206	4066	Feb. 24	CBMB
Advanced Chemical Biology II 高等化學生物 I	3		Friday AM 09:10-12:10	R121, Dept. of Chemistry, NTU 台大化學系 R121		ISC5208	4067	Mar. 6	CBMB
Pharmaceutical Chemistry 藥物化學(CHE130A)	2	Sheila David Heike Wulff	<u>Mar.28-Apr.23</u> Thursday PM 02:00-05:00 Saturday PM 09:00-12:00		Apart from selecting courses on universities course choosing system, you have to register online at http://www.ibt.sinica.edu.tw/ucd-as/Regis.asp No application fee required. Please visit: http://www.ibt.sinica.edu.tw/ucd-as/Prog.html for more information.		4072	Mar. 28	CBMB
Computer Modeling for Drug Design 電腦模擬運算之藥物設計(CHE130B)	1		<u>Apr.20-May.9</u> Monday AM 10:00-12:00 Friday PM 02:00-05:00 Saturday AM 09:00-12:00 PM 02:00-05:00		Apart from selecting courses on universities course choosing system, you have to register online at http://www.ibt.sinica.edu.tw/ucd-as/Regis.asp No application fee required. Please visit: http://www.ibt.sinica.edu.tw/ucd-as/Prog.html for more information. The AST students may attend whichever lab periods they wish in order to complete the computational experiments -- depending on how efficiently they work, that should be 4-5 lab periods. In order to receive credit for the completing the course, the AST students will need to complete, satisfactorily, all of the short post-lab reports associated with the computational experiments. By carrying out the computational experiments and completing the post-lab reports, they will have gained sufficient experience with modern drug design software to be able to apply these tools to problems in their research as desired.		4071	Apr. 20	CBMB
Advanced Physical Chemistry II 高等物理化學 II	3		Monday AM 9:10-10:00 Wednesday AM 10:20-12:10	R121, Chemistry Building, NTU 台大化學系 R121		ISC5210	4068	Feb. 25	MST
Advanced Chemistry of Materials 高等材料化學	3	Shie-Ming Peng Chin-Ti Chen	Friday PM 02:00-05:00	B105, IoC, AS 中研院化學所 B105		ISC5211	4069	Mar. 6	SCST

Computational Materials Science 計算材料	3	Takahashi, Kaito Kuo, Jer-Lai	Thursday AM 09:10-12:00	Room 311, IAMS 原分所		ISC5212	4070	Feb. 26	Nano
Organometallic Chemistry 有機金屬化學	3	Tiow-Gan Ong (王朝諺)	Monday AM 09:00-12:00	SB203, NCTU 交大應化系 科學二館 SB203		IAC5540	5389	Mar. 2	SCST
Biochemical Analysis I 生化分析(一)	3	Pawel Lukasz Urban (帕偉鄂本)	Tuesday PM 01:20-04:20	SC105, NCTU 交大應化系 基礎科學 教學研究大樓 SC105		IAC5703	5394	Feb. 24	SCST
Quantum Chemistry 量子化學	3	Henryk Witek (衛恆理)	Thursday PM 01:20-04:20	SB202, NCTU 交大應化系 科學二館 SB202		IAC5595	5418	Feb. 26	SCST
Laser Bio/Nano Science 雷射生物奈米科學	3	Hiroshi Masuhara (增原宏)	Wednesday PM 01:20-04:20	SC159, NCTU 交大應化系 基礎科學 教學研究大樓 SC159		IAC6619	5420	Feb. 25	SCST