College of Science
理學院

Department of Chemistry
化學系

香港城市大學
City University of Hong Kong

Master of Science in Chemistry
理學碩士(化學)

Student Handbook
2023-2024

For further information, please contact:

Department of Chemistry
B6708, 6/F, Yeung Kin Man Academic Building (YEUNG)
City University of Hong Kong
Tat Chee Avenue
Kowloon
Hong Kong

Tel : (852) 3442 7404
Fax : (852) 3442 0522
E-mail : chem.enquiry@cityu.edu.hk
Website : http://www.cityu.edu.hk/chem

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August 2023

INTRODUCTION

This Handbook contains useful information for students enrolled in the Master of Science in Chemistry programme offered by the Department of Chemistry. Students are advised to familiarize themselves with this Handbook so as to obtain a general overview of the Department and its teaching courses. It is, however, intended to be read in conjunction with other official information posted by the Chow Yei Ching School of Graduate Studies, such as the CityU Academic Regulations and the CityU Academic Calendar which are available on the website of the Chow Yei Ching School of Graduate Studies.

THE DEPARTMENT OF CHEMISTRY

The **Department of Chemistry** offers studies and research in fundamental and applied aspects of chemistry, life, molecular and environmental sciences to about 240 undergraduate and 300 postgraduate students. The Department consists of 32 academic staff including renowned scientists, e.g. Fellows of the European Academy of Sciences, Highly Cited Researchers (listed by Clarivate Analytics), etc., as well as about 70 research staff members. The study programmes are designed to help students understand important scientific issues, current technologies and future challenges in light of local, regional and global needs following the outcomes-based teaching and learning framework. An interdisciplinary approach is adopted and an emphasis is placed on the integration of theory with practical classes via hands-on experience. The teaching and research laboratories provide a stimulating environment to do experimental work utilizing state-of-the-art equipment and instruments. Relevant industrial experience in local and international companies and research institutions is included as appropriate. Overseas field trips and exchange studies complement the core study programmes. Students are also encouraged to attend departmental seminars by well-known visiting scientists. The Department also co-supervises about 10 PhD students with the University of Science and Technology, China in our Advanced Laboratory of Environmental Research and Technology in Suzhou.

The Department strongly fosters interdisciplinary research and development activities. Acquisitions of equipment highlighted the multidisciplinary nature of experimental and theoretical research. Three NMRs of 300, 400 and 600 MHz are set up for undergraduate & postgraduate teaching and research applications in study of molecular structures, interactions, kinetics and dynamics, as well as biological, synthetic solutions and composites. NMR applications & analysis cover the fields of life science, materials research, pharmaceuticals, biotechnology, chemistry, metabolites, nutritional science and molecular diagnostics, etc. Single Crystal and Powder X-ray Diffraction (XRD) are major tools setup for chemical crystallography, structural biology, quantitative and qualitative analysis on crystallinity, phase orientation, scattering portfolio, etc. An Atomic Force Microscope (AFM) has been setup as a world-leading instrument for direct imaging in air/liquid/vacuum and broad temperature/ humidity control with ultra-high sensitivity, accuracy, and resolution for a wide variety of properties not limit to surface topography, but also a benchmark for surface potential, electrical conductivities, electromagnetic properties under both ambient and high-vacuum conditions down to atomic-scale.

The two confocal and compound microscopes are fitted with lasers and filters for detecting the emission ranging from the fluorescent to the near infrared spectrum of novel chemicals introduced inside cells and organisms. A metabolomics facility provides support and training on liquid chromatography based analyses of metabolites associated with biological and toxicological interactions. A laser laboratory offers a wide variety of experimental facilities for the spectroscopic studies of the reaction mechanisms, relaxation processes to excited state dynamics of interest in photochemistry, photophysics and photobiology. This laboratory is

featured with a wavelength tunable Ti:Sapphire femtosecond laser coupled to the femtosecond transient absorption spectrometer and a nanosecond flash photolysis system equipped with a high power ns-pulsed Nd:YAG laser. Three pieces of equipment have been installed, namely a genome sequencing system, a peptide synthesizer and a DNA/RNA synthesizer for peptides and DNA/RNA research studies.

Staff expertise currently spans from fields of analytical chemistry, green and synthetic chemistry, spectroscopy and catalysis, materials chemistry, computational chemistry to other biological chemistry area e.g. environmental biology and chemistry, biochemistry, cell biology, biosensing, microbiology and bioactive compounds. Current research of the Department focuses on catalyst/ new materials design and synthesis, organic electroluminescent devices, photo-responsive and luminescent chemosensing, proteomics and metabolomics, nano-bio interfaces, and sustainable development in the marine ecosystem. CityU's Chemistry has been widely recognized as reflected from various global rankings, e.g. NTU Ranking 2022 by subject – Chemistry (#1 in Hong Kong); ARWU Global Ranking of Academic Subjects 2022 Chemistry (#1 in Hong Kong); One of the highlights of our research has been the leading role we have played in the State Key Laboratory in Marine Pollution (SKLMP) and the Center of Super-Diamond and Advanced Films (COSDAF).

The Department endeavours to develop close links with both the public and industrial sectors to keep abreast of society needs. Many of the staff research projects and undergraduate/ postgraduate research projects are carried out in collaboration with industry partners and government bodies as well as with other local and overseas universities.

With the recruitment of new academic staff members in strategic areas of chemistry discipline, the Department is ready to take up the challenges and conduct cutting edge research in new strategic areas.

MEMBERS OF STAFF

Academic Staff	Name	Tel. No.	E-mail (…@cityu.edu.hk)
Head and Chair Professor of Electrochemistry	Prof WANG Xin PhD *(HKUST)*	3442-7402	chem.head
Associate Head and Associate Professor	Prof LAU Kai Chung PhD *(UCDavis)*	3442-6849	kaichung
Provost and Deputy President Chair Professor of Materials Chemistry	Prof LEE Chun Sing PhD *(HKU)*	3442-7826	apcslee
Chair Professor of Environmental Toxicology and Chemistry Associate Dean (Research and Postgraduate Education) of CSCI Director of SKLMP	Prof LEUNG Mei Yee Kenneth, JP PhD *(Glasgow)*	3442-7198	kmyleung
Associate Professor Associate Dean (Outreach and Internationalisation) of CSCI	Prof WONG Chun Yuen Alex PhD (*HKU*)	3442-6831	acywong
Chair Professor of Inorganic Chemistry Director of TED	Prof LO Kam Wing Kenneth PhD *(HKU)*	3442-7231	bhkenlo
Visiting Distinguished Professor and Senior Fellow of IAS	Prof LEHN Jean-Marie Nobel Laureate in Chemistry		
Emeritus Professors	Prof LAU Tai Chu PhD *(HKU)*	3442-7811	bhtclau
	Prof TAM Fung Yee Nora, BBS, JP PhD *(York, UK)*, FIBiol, CBiol, MCIWEM	3442-7793	bhntam

Honorary Professors	Prof LAM Kwan Sing Paul, SBS, JP PhD *(Sheffield)*		bhpksl
	Prof LIU Zhongfan PhD *(Tokyo)*		
Chair Professor	Prof CHI Yun PhD *(Illinois)*	3442-9242	yunchi
Lee Shau Kee Chair Professor of Materials Science	Prof Alex JEN PhD *(Pennsylvania)*	3442-8451	alexjen
Chair Professor of Materials Chemistry	Prof David X W LOU PhD *(Cornell)*	3442-7329	david.lou
Herman Hu Chair Professor of Nanomaterials	Prof ZHANG Hua PhD *(Peking)*	3442-4102	hua.zhang
Professors	Prof CHAN Michael Chi Wang PhD *(Durham)*	3442-9678	mcwchan
	Prof KO Chi Chiu Vincent PhD *(HKU)*	3442-6958	vinccko
	Prof ZHU Guangyu PhD (*Pittsburgh*)	3442-6857	guangzhu
Associate Professors	Prof CHEUNG Siu Gin PhD *(HKU)*	3442-7749	bhsgche
	Prof KWOK Chun Kit PhD *(Penn State)*	3442-6858	ckkwok42
	Prof LO Pik Kwan Peggy PhD *(McGill)*	3442-7840	peggylo
	Prof LUO Jingdong PhD *(WHU)*	3442-7720	jingdluo
	Prof LY Thuc Hue PhD *(Sungkyunkwan)*	3442-9329	thuchly
	Prof SIU Chi Kit Andy PhD *(CUHK)*	3442-2272	chiksiu
	Prof SUN Hongyan PhD *(Singapore)*	3442-9537	hongysun

	Prof YE Ruquan PhD *(Rice)*	3442-9023	ruquanye
	Prof ZHU Zonglong PhD *(HKUST)*	3442-4559	zonglzhu
Assistant Professors	Prof BABAK Maria PhD *(Vienna)*	3442-9710	mbabak
	Prof FAN Zhanxi PhD *(NTU)*	3442-7817	zhanxi.fan
	Prof FU Wai Chung Stephen PhD *(PolyU)*	3442-7403	stephfu
	Prof KOT Brian Chin Wing PhD *(PolyU)*	3442-7681	briankot
	Prof LU Zhenpin PhD *(Germany)*	3442-7304	zhenpilu
	Prof MATSUDA Yudai PhD *(Tokyo)*	3442-7839	ymatsuda
	Prof PENG Yung-kang PhD *(Oxford)*	3442-7824	ykpeng
	Prof SHAN Jieqiong PhD *(Adelaide)*	3442-7794	jieqshan
	Prof TAN Xuefeng PhD *(Wuhan)*	3442-7822	xuefetan
	Prof XU Jijian PhD *(ZJU)*	3442-4679	jijianxu

Technical Staff

Scientific Officer	Dr CHAN Chiu Yee Yanny	3442-4090	chiuychan4
Chief Technical Officer	Dr LAI Lai Fan Asta	3442-4080	laifanlai2
Senior Technical Officer	Mr CHAN Chi Ping Benz	3442-4065	bhbccp
Technical Officers	Mr CHAN Ho Hang	3442-4070	bhhhc
	Mr CHAU Ka Wai	3442-7107	kawchau
	Mr CHIANG Wai Lun Michael	3442-2775	bhchiang
	Miss CHONG Mei Yee Amy	3442-4089	bhachong
	Miss KWOK Oi Ting Eunice	3442-4064	otkwok
	Mr LAI Hau Yan John	3442-4068	bhjlhy
	Mr LAM Kwok Fai	3442-7007	bhkflam
	Mr LAU King Kwan Kenneth	3442-4082	bhkenlau
	Miss LO Pui Yi Jessica	3442-5851	puiyilo
	Dr YIU Shek Man Ken	3442-6187	kensmyiu
Technician	Mr LO Kai Keung Ivan	3442-7115	ivan.lo

Administrative Staff

Executive Officer Is	Miss NG Ching Man Grace	3442-8411	songrace
	Ms WAN Kit Ying Crystal	3442-7402	crystalky.wan
Clerical Officer I	Miss YIM Pui Kwan	3442-7404	dora.yim
Assistant Officer	Mr MA Chung Yeung Chris	3442-7265	chungyma
Clerical Assistant	Miss YIM Wing Lam Daisy	3442-7095	wlyim7
Office Assistant	Miss TSO Hei Wai Sharon	3442-4081	sharon.tso

AREAS OF EXPERTISE

	Expertise
Head	
Prof WANG Xin	Electrocatalysis and electrochemical technology, functional nanomaterials and heterogeneous molecular catalysts for electrochemical systems, carbon capture and utilization, hydrogen production and utilization
Associate Head	
Prof LAU Kai Chung	Computational Chemistry, Structures, Energetics, and Reactivities of Molecular Species, Theoretical Aspects of Chemical Bonds, Reaction Mechanisms, Potential Energy Surfaces, Method Developments for Accurate Energetic Predictions
Staff	
Prof BABAK Maria	Drug Discovery, Medicinal Chemistry, *In vitro* and in vivo Target Identification, Proteomics, Preclinical Development
Prof CHAN Michael Chi Wang	Inorganic, Organometallic and Supramolecular Chemistry, Catalysis (design of novel catalysts for polymerization reactions and 'weak attractive ligand–polymer interactions'), Shape-persistent Luminescent Molecular Frameworks and Polymeric Assemblies
Prof CHEUNG Siu Gin	Microplastic pollution, Marine pollution and ecotoxicology, Ecology and conservation of horseshoe crab, Intertidal ecology
Prof CHI Yun	Organometallic Material Chemistry, Organic and Transition-Metal Based Light Emitting Materials for OLEDs, Light Emitting Materials and Sensitizers with Earth-Abundant Metal Elements
Prof FAN Zhanxi	Materials chemistry, Nanoscience, Metal and metal-based nanomaterials, Crystal phase control, Catalysis, Energy conversion
Prof FU Wai Chung Stephen	Organic Chemistry, Continuous Flow Chemistry, Homogeneous Catalysis, Organic Synthesis, Synthetic Methodologies, Automated Systems

Prof Alex JEN	Utilizing Molecular, Polymeric, and Biomacromolecular Self-assembly to create ordered arrangement of Organic and Inorganic Functional Materials for Energy, Photonics, Opto-electronics, Nanomedicine, and Nanotechnology. Employing the "Molecular Engineering" approach to tailor size, shape, sequence, and functionality of Organic/Hybrid Functional Materials and explore their applications. Organic and hybrid perovskite solar cells and light-emitting diodes, electro-optic materials, and wearable electronics.
Prof KO Chi Chiu Vincent	Inorganic and Organometallic Chemistry, Mechanochemistry, Photocatalysis, Photophysics, Photochemistry, Luminescent and Stimuli-Responsive Materials, and Time-resolved Spectroscopy
Prof KOT Brian Chin Wing	Diagnostic Imaging, Forensic Imaging, Forensic Science, Medicine and Pathology, Wildlife Conservation Medicine, Marine Biology, Environmental Science
Prof KWOK Chun Kit	RNA Biology, Chemical Biology, Nucleic Acids, Gene Regulation, G-quadruplex, Aptamer
Prof LEE Chun Sing	Biomedical Materials, Nanoscience and Nanotechnology, Organic Light-Emitting Devices (OLEDs), Organic Optoelectronics, Surface Science of Organic Semiconductors and Nanomaterials
Prof LEUNG Mei Yee Kenneth	Marine Pollution and Ecotoxicology, Environmental Risk Assessment, Marine Ecology, Biodiversity Conservation and Eco-engineered Shorelines
Prof LO Kam Wing Kenneth	Analytical, Inorganic and Organometallic Chemistry, Photophysics and Photochemistry, Bioconjugation, Biomolecular and Cellular Probes, Imaging Reagents, and Photodynamic Therapeutics
Prof LO Pik Kwan Peggy	Chemical Biology, DNA Nanotechnology, Synthetic Chemistry, Biomimetics, Biomolecular Sensing, Bioimaging, Drug delivery
Prof David X W LOU	Batteries, Electrocatalysis, Nanostructures, Energy Storage, Hollow Structures and Photocatalysis
Prof LU Zhenpin	Organic Chemistry, Organometallic Chemistry, Main Group Chemistry, Catalysis

Prof LUO Jingdong	Organic Materials Chemistry, Organic Nonlinear Optics, Near-infrared Molecular Photonics, Polymer Chemistry, and Materials and Devices for Ultrafast Information Processing and Hybrid Photonics
Prof LY Thuc Hue	2D layered materials (Graphene, Transition Metal Dichalcogenides, etc.), Materials Science, Materials Characterization, Devices
Prof MATSUDAYudai	Bioorganic Chemistry, Natural Products Chemistry and Biosynthesis, Enzymatic Chemistry
Prof PENG Yung-kang	Material Surface Chemistry for the Design of Hetero (Photo) Nanocatalysts and MRI Nanocontrast Agents
Prof SHAN Jieqiong	Materials Chemistry, Nanomaterials Design and Fabrication, Structure Analysis, Electrochemistry, Electrocatalysis, Energy Storage and Conversion, Clean Fuel Generation
Prof SIU Chi Kit Andy	Computational Chemistry, Density Functional Theory Molecular Dynamics Studies on the Mechanisms of Chemical Reactions at Finite Temperatures, Dissociation Chemistry of Biomolecular Ions and Nano-sized Particles in the Gas Phase, Homogeneous Catalysis, and Heterogeneous Catalysis on 2D Materials
Prof SUN Hongyan	Chemical Biology, Fluorescent Probes, Bioimaging, Microarray Screening, Peptides, Biomaterials, Target Identification
Prof TAN Xuefeng	Organic Chemistry, Organic Synthesis, Reaction Mechanisms, Electroorganic Synthesis, Organometallic Catalysis, Asymmetric Catalysis
Prof WONG Chun Yuen Alex	Activation of Alkynes by Transition Metals, Alkyne Cyclization, Metallacycles, Metalated Heterocycles, Organometallic Mechanisms, DFT Calculations, Non-Innocent Ligands, Nano Drug Carriers, Cosmetic Formulations
Prof XU Jijian	Energy Chemistry, Electrolyte Solvation Structure, Crystal Structure, and Electrochemistry; Developing advanced electrolytes and novel electrode materials for high-energy batteries
Prof YE Ruquan	Material Science, Sustainable Energy Conversions, Electrification, Laser-assisted Materials Manufacturing

Prof ZHANG Hua	Materials Chemistry, Nanoscience and Nanotechnology, especially phase engineering of nanomaterials (PEN) and controlled epitaxial growth of heterostructures, including the synthesis of ultrathin two-dimensional nanomaterials, novel metallic and semiconducting nanomaterials, novel amorphous nanomaterials, and their hybrid composites for applications in catalysis, clean energy, (opto-)electronic devices, chemical and biosensors, and water remediation.
Prof ZHU Guangyu	Anticancer Drug Development, Drug Mechanism and Target Validation, Drug Delivery, Chemical Biology, Photoactivatable Drugs
Prof ZHU Zonglong	Materials Chemistry and Physical Chemistry, Material Design and Synthesis, their physical properties and device performance for optoelectronics application

I. KEY MEMBERS OF PROGRAMME MANAGEMENT TEAM

Programme Leader	Prof LUO Jingdong
Deputy Programme Leaders	Prof SUN Hongyan
	Prof YE Ruquan
First Year Tutor	Prof LUO Jingdong
Second Year Tutor	Prof ZHU Guangyu

II. MODE OF ATTENDANCE AND DURATION

Master of Science in Chemistry: Combined mode (1-year full-time or 2-year part-time)#

 # Combined mode: Local students taking programmes in combined mode can attend full-time (12-18 credit units per semester) or part-time (no more than 11 credit units per semester) study in different semesters without seeking approval from the University. For non-local students, they will be admitted to these programmes for either full-time or part-time studies. Non-local students must maintain the required credit load for their full-time or part-time studies and any changes will require approval from the University.

III. PROGRAMME AIM

The Master of Science in Chemistry aims to train and produce graduates with highly marketable research skills and experiences in a wide variety of advanced chemistry disciplines, such as catalysis; synthetic chemistry; materials & biomaterials chemistry; analytical & bio-analytical science; computational chemistry; environmental chemistry and chemical biology, to meet local, regional and global demands for R&D specialists in the industrial, commercial, and government sectors. Graduates are also eligible for pursuing higher research degrees in local and overseas universities and research institutes.

IV. PROGRAMME INTENDED LEARNING OUTCOMES

Upon successful completion of this Programme, students should be able to:

1. Develop technical competence and skills necessary for carrying out original research in academic and industrial research environment.
    - Acquire and organize resource materials.
    - Present materials effectively, both orally and in writing.
    - Participate confidently in co-operative or independent projects.

2. Acquire and integrate advanced knowledge from a variety of disciplines especially chemical principles and research methodologies via discovery-based studies in order to become effective problem solvers and innovators.
    - Recognize the relation between theory and practices in selected areas of study.
    - Identify and analyze the limitations and challenges in existing research and methodology through critical evaluation of chemical information and key findings of scientific papers.
    - Have an informed respect for the knowledge and technical skills in chemistry and molecular sciences, with special emphasis on the molecular design, chemical methodology, operations of advanced chemical instrumentations and laboratory procedures in synthetic and analytical chemistry.
    - Evaluate experimental data through testing hypotheses, defining problems and creating innovative and practical solutions.

3. Create new knowledge, methodology and understanding through the process of research and inquiry.
    - Carry out research and development work.
    - Develop expertise in a chosen subject area through conducting research as well as the application of theory and techniques provided by the programme.
    - Manage and present research findings in a precise and coherent manner.

V. PROGRAMME STRUCTURE

Master of Science in Chemistry: Combined mode (1-year full-time) (30 credit units)

Year	Sem	Course Code	Required Courses	Credit Units
1	A	CHEM6118	Advanced Chemical Instrumentation	3
		CHEM6119	Frontiers in Chemical Biology	3
		CHEM6121	Academic and Industrial Research, Development and Innovation	3
	B	CHEM6125	Selected Topics in Chemistry & Molecular Sciences	3
		CHEM6123	Postgraduate Symposium	1
	A&B	CHEM6126	Advanced Seminar Series	3
		CHEM6127	Dissertation	14

Master of Science in Chemistry: Combined mode (2-year part-time) (30 credit units)

Year	Sem	Course Code	Required Courses	Credit Units
1	A	CHEM6118	Advanced Chemical Instrumentation	3
		CHEM6121	Academic and Industrial Research, Development and Innovation	3
	B	CHEM6125	Selected Topics in Chemistry & Molecular Sciences	3
	A&B	CHEM6127	Dissertation	--
2	A	CHEM6119	Frontiers in Chemical Biology	3
	B	CHEM6123	Postgraduate Symposium	1
	A&B	CHEM6126	Advanced Seminar Series	3
		CHEM6127	Dissertation	14

VI. ASSESSMENT AND PROGRESSION

1. Preamble

The assessment of students' performance is an appraisal of the extent to which students are attaining or have attained the objectives of the programme. The regulatory statements contained in this section should be read in conjunction with, and are subject to the overriding authority of, the Academic Regulations of the City University of Hong Kong.

2. Assessment Policy and Methods

2.1 Please refer to the "Academic Regulations for Taught Postgraduate Degrees" on the website of the Chow Yei Ching School of Graduate Studies for details. The assessment system consists of a combination of assessments in coursework and written examination. The assessment criteria vary according to the different components of a course.

2.2 Coursework consists of student performance in oral presentations, written assignments, projects and dissertation, participation in tutorial and laboratory sessions. Formal written examinations are held after each semester.

2.3 Starting from Semester A, 2015/16, students must satisfy the following minimum passing requirement for courses offered by CHEM:
"A minimum of 40% in both coursework and examination components."

2.4 Students should be aware that the assessment of their academic work in the University has two aspects: (1) Students will receive "Grades" for the assessment of courses which will be used to calculate Grade Point Average (GPA); (2) The classification of their awards will be based on a "Cumulative Grade Point Average (CGPA)".

Students' overall performance are measured by two types of GPA, a Semester GPA (SGPA) and a Cumulative GPA (CGPA) which will be calculated at the end of a semester. The difference of SGPA and CGPA is that SGPA will only be calculated based on the courses registered in that particular semester, while CGPA is calculated for all courses taken during enrolment for a specific programme. CGPA will be used as the award criteria. Please refer to the "Academic Regulations for Taught Postgraduate Degrees" for the formulae for calculating GPA.

2.5 Students may be granted a taught postgraduate award only if they have achieved a CGPA of 2.85 or above.

2.6 When a student's **SGPA or CGPA falls below 2.0**, he/she may be advised to reduce the study load in the following semester, or be given an academic warning. Students may repeat a course, or an equivalent course, to recover a failure or to improve a course grade of C or below, subject to the concerned academic unit's course offering schedule and availability. Only two repeat attempts may be permitted. Course grades for all attempts will appear on the student's academic transcript, but only the final grade earned will be included in the calculation of the student's CGPA.

2.7 Courses may be designated "dissertation-type" courses in the course catalogue. For dissertation-type courses, the catalogue will specify the normal duration for course

registration and the maximum duration for course registration. Students are not permitted to repeat a dissertation-type course.

Courses are graded according to the following schedule:

<table>
<tr><th>Grade</th><th>Grade Point</th><th colspan="2">Grade Definitions</th></tr>
<tr><td>A+
A
A-</td><td>4.3
4.0
3.7</td><td>Excellent</td><td rowspan="5">The qualifiers, such as “Excellent”, “Good” etc., define student performance with respect to the achievement of course intended learning outcomes (CILOs).</td></tr>
<tr><td>B+
B</td><td>3.3
3.0</td><td>Good</td></tr>
<tr><td>B-
C+
C</td><td>2.7
2.3
2.0</td><td>Marginal</td></tr>
<tr><td>F</td><td>0.0</td><td>Failure</td></tr>
<tr><td>P
(Pass-fail course only)</td><td></td><td>Pass</td></tr>
<tr><td colspan="4">Operational Grades</td></tr>
<tr><td>IP</td><td>In Progress</td><td colspan="2">An IP grade is shown where students will register for the same course in the subsequent semester/term to complete the assessment of the course.</td></tr>
<tr><td>I</td><td>Incomplete</td><td colspan="2">A grade of incomplete may be granted (i) where there are extenuating circumstances that have prevented a student from completing required work, or attending the examination; (ii) at the discretion of the Assessment Panel. Where an “I” grade is assigned, the Assessment Panel may approve a schedule for the completion of work, or a supplementary examination. An alternative grade should be assigned no later than four weeks after the "I" grade is first reported or as soon as practicable thereafter.</td></tr>
<tr><td>S</td><td>Dissertation Submitted</td><td colspan="2">In a dissertation-type course, an S grade is assigned by the Course Leader when a student’s dissertation has been submitted for assessment.</td></tr>
<tr><td>TR</td><td>Credit Transfer</td><td colspan="2">Assigned when a student is granted transferred credit units for the course.</td></tr>
<tr><td>Z</td><td>Exemption</td><td colspan="2">Assigned when a student is exempted from the course.</td></tr>
<tr><td>AU</td><td>Audit</td><td colspan="2">An audited grade is assigned when an auditing student has completed the conditions established at registration as an auditor. No assessment is made or grade awarded for auditing.</td></tr>
<tr><td>X</td><td>Late Drop</td><td colspan="2">Assigned when a student is permitted to drop the course after the add/drop deadline.</td></tr>
<tr><td>WD</td><td>Withdrawn</td><td colspan="2">Assigned when a student has registered for the course in a semester/term and subsequently submitted a notification of withdrawal from the University.</td></tr>
</table>

2.8 Regarding termination of study, please note the Academic Regulations:

"1. The University has the right to terminate a student's studies for failure to maintain satisfactory academic progress, as determined by the Examination Board, or to comply with the policies and procedures of the University.

2. The Examination Board may terminate the studies of a student under the following circumstances:

(i) The student's SGPA is below 2.00 for two consecutive semesters; or

(ii) The student's academic progress is unsatisfactory and is unable to meet the conditions stipulated by the home academic unit after being put on Academic Probation for two consecutive semesters.

3. Irrespective of 2 above, the Examination Board may prescribe any other criteria for terminating a student's studies.

4. Notwithstanding 2 and 3 above, students' studies will be terminated if they fail to pass a required course, or its equivalent/substitute course, after three attempts.

5. For termination of studies due to academic reasons, students may apply for readmission to the University, with admission to any programme occurring no earlier than one academic year after the termination. Upon readmission to the same programme after termination of studies, students may be given one additional opportunity to pass each required course they have failed in their three previous attempts."

2.9 The classification of final awards and recommendations to Senate to confer awards are made by the Departmental Assessment Panel.

2.10 The demarcation of award boundaries for Taught Postgraduate Degree Programmes is as follows:

Award	**CGPA**
Distinction	3.65 or above
Credit	3.30-3.64
Pass	2.85-3.29

2.11 Illness or other Circumstances Related to Assessment

"1. A student who reasonably believes that his/her ability to attend an examination, or in-course assessment with a weighting of 20% or above, has been adversely affected by circumstances beyond his/her control must submit the case, with documentary evidence, to his/her home academic unit following the procedures stated on the University website, as soon as possible but no later than 5 working days of the scheduled date for completing the affected examination or assessment.

2. The home academic unit of the student will investigate the case, in consultation with the course-offering academic unit. Only compelling reasons such as illness, hospitalization, accident, family bereavement or other unforeseeable serious personal or emotional circumstances will be considered. The decision of the home academic unit is final and will be conveyed to the student in writing as soon as possible but no later than 10 working days following receipt of the case.

3. If the case is justified and substantiated, the decision will be conveyed to the Assessment Panel which will determine whether to offer the student a make-up examination or coursework or other alternative assessment. Where assessments for more than one course are affected, it is the responsibility of

the home academic unit to inform all relevant Assessment Panels. The Assessment Panel may also adjust the grade of the student if deemed appropriate. The course-offering academic unit will convey the Assessment Panel's decision on the make-up arrangements to the student in writing as soon as possible."

3. Rules on Academic Honesty

3.1 Please refer to the "Rules on Academic Honesty" on the website of the Office of the Provost and Deputy President for details.

3.2 Academic honesty is central to the conduct of academic work. Students are expected to present their own work, give proper acknowledgement of other's work, and honestly report findings obtained. As part of the University's efforts to educate students about academic honesty, all students are required to complete the Online Tutorial and Quiz on Academic Honesty and make a Declaration on their understanding of academic honesty.

3.3 Academic dishonesty is regarded as a serious offence in the University. Any related offence can lead to disciplinary action with a penalty including expulsion from the University and debarment from re-admission.

3.4 **Plagiarism is a serious offence** involving "the use of somebody else's ideas, words, etc. as one's own". Examples of such acts are copying other students' work in examinations, in tests, or in tasks for coursework assignments, repetition of part or whole sentences / paragraphs / any materials from hard-copy publications or online sites for one's own use **without acknowledgement of the source in one's work.**

3.5 Students should refer to the **"Guidelines for Writing a Master's Dissertation"** for proper format of reference citation.

4. Articulation

4.1 For students who have completed an award level at the University and wish to enrol in a higher award level within the programme, the previous credit units and grades earned from lower level awards within the same programme may count toward the higher award level being pursued and in the calculation of a student's GPA. The validity period for courses recognized at the time of admission for credit transfer purposes is 8 years.

4.2 The full MSc degree award in CHEM requires 30 credit units with the completion of taught courses plus the Dissertation.

VII. COMMUNICATION CHANNELS

Course Leaders, Lecturers and Tutors

The role of a Course Leader is to coordinate the activities of individual courses. If you have any problem with your study in a particular course, you should see your Lecturer, Tutor and/or Course Leader without delay. They can be reached by phone or by email, you will find them in general friendly and helpful.

Year Tutors

The Year Tutors are responsible for the day-to-day administration of a specific year of the Programme. **For the current academic year 2023/24, Prof LUO Jingdong is the First Year Tutor and Prof ZHU Guangyu is the Second Year Tutor.** You may consult them on any matters related to your particular year of study.

Programme Committee and Programme Leader

The Programme Committee is the departmental body responsible for the organization, academic development and monitoring of the programme. The Committee consists of academic staff and student members. Two students from each programme-year, elected by and from the students studying in each year of the programme, are appointed to the Committee on a one-year term. **For the 2023/24 academic year, the Chairman of the Programme Committee is Prof LUO Jingdong who is also the Programme Leader**. The Programme Leader reports to the Head of Department and is responsible for the day-to-day administration of the Programme.

Joint Staff-Student Consultative Committee (JSSCC)

The JSSCC is a formal part of the consultative process between students and staff in the Department, but the meetings are conducted in an informal manner and do not make binding decisions. The idea is to give students an opportunity to express their views on the content and organization of the Programme and to raise any complaint or make any suggestion of a general nature. Student representatives (two from each programme-year) will meet with the Programme Leader and the Year Tutors at least once a semester, usually near the end of the semester.

Canvas

Canvas is an e-learning platform established for all undergraduate and postgraduate courses which can also be used as a means of communication for staff and students. Through Canvas, students can provide feedback to the Programme Leader or Year Tutors throughout the whole year and thus maintain a continuous dialogue with them.

Wiki Site for CHEM students

A special channel has been created to facilitate our communication with students. The link can be found under “Related Links” on the homepage of the CHEM website. The Wiki Site is the main platform to provide important news and announcements for CHEM students’ attention. Please check the Wiki Site on a regular basis.

Student Development Services, CityU

The SDS of the CityU has various counselling services that every CityU student can use. Please contact the SDS direct if you need help in solving problems on academic work, personal adjustment, family and social relationship, financial difficulties as well as career development.

VIII. USEFUL INFORMATION FOR STUDENTS

The CityU Portal (https://www.cityu.edu.hk/portal/) is one of the major communication channels between students and staff and the University. Students will be able to locate useful information like University policies, academic regulations, programmes and courses, curriculum planning, examination arrangement and other student facilities/services via the CityU Portal. To know more about course registration, class scheduling and assessment-related matters, students may also visit the websites of:
- Academic Regulations and Records Office: http://www.cityu.edu.hk/arro/.
- Chow Yei Ching School of Graduate Studies: http://www.cityu.edu.hk/sgs/.

IX. COURSES AND RESPECTIVE COURSE LEADERS

CHEM6118	Advanced Chemical Instrumentation	Prof SIU Chi Kit Andy
CHEM6119	Frontiers in Chemical Biology	Prof ZHU Guangyu
CHEM6121	Academic and Industrial Research, Development and Innovation	Prof FAN Zhanxi
CHEM6123	Postgraduate Symposium	Prof KO Chi Chiu Vincent
CHEM6125	Selected Topics in Chemistry & Molecular Sciences	Prof YE Ruquan
CHEM6126	Advanced Seminar Series	Prof LUO Jingdong
CHEM6127	Dissertation	Prof WONG Chun Yuen Alex

**Details of individual courses are available on CHEM departmental homepage.

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