

Enquiry for Course Details

CHEM4966 Chemistry internship (6 credits)		Academic Year	2022
Offering Department	Chemistry	Quota	---
Course Co-ordinator	Dr K K H Ng, Chemistry < kkhn3@hku.hk >		
Teachers Involved	(Dr K K H Ng, Chemistry)		
Course Objectives	This course aims to offer students the opportunities to gain work experience in the industry related to their major of study. The workplace learning experience would be of great benefits to the students to apply their knowledge gained in the study to the real work environments. Students have to take on at least 160 hours of internship work either within the University or outside the University arranged by the School/Departments.		
Course Contents & Topics	<p>- Within the University: The student will be supervised by a staff member (Supervisor), working on a project or various tasks as instructed by the Supervisor.</p> <p>- Outside the University: The student will work in an external agency related to the major of study. The student will be supervised under a staff member of the external agency (the External Supervisor) and a staff member of the Department/School of the student (the Internal Supervisor). The work to be performed by the student will normally be instructed by the External Supervisor, with prior agreement of the Internal Supervisor.</p>		
Course Learning Outcomes	On successful completion of this course, students should be able to:		
	CLO 1	apply knowledge in their major study in solving practical problems in the work place	
	CLO 2	gain first hand work experience in the industry related to their major study	
Pre-requisites (and Co-requisites and Impermissible combinations)	<p>Pass in at least 24 credits of advanced level disciplinary core/elective chemistry courses (CHEM3XXX or CHEM4XXX) in the Chemistry Major.</p> <p>This capstone course is for Chemistry Major/ Chemistry Major (Intensive) students only.</p> <p>The earliest that a student is allowed to take this capstone course is their year 3 study.</p>		
Course Status with Related Major/Minor /Professional Core	<p>2022 Major in Chemistry (Disciplinary Elective)</p> <p>2022 Major in Chemistry (Intensive) (Disciplinary Elective)</p> <p>2022 Minor in Chemistry (Disciplinary Elective)</p> <p>2021 Major in Chemistry (Disciplinary Elective)</p> <p>2021 Major in Chemistry (Intensive) (Disciplinary Elective)</p> <p>2021 Minor in Chemistry (Disciplinary Elective)</p> <p>2020 Major in Chemistry (Disciplinary Elective)</p> <p>2020 Major in Chemistry (Intensive) (Disciplinary Elective)</p> <p>2020 Minor in Chemistry (Disciplinary Elective)</p> <p>2019 Major in Chemistry (Disciplinary Elective)</p> <p>2019 Major in Chemistry (Intensive) (Disciplinary Elective)</p> <p>2019 Minor in Chemistry (Disciplinary Elective)</p> <p>2018 Major in Chemistry (Disciplinary Elective)</p> <p>2018 Major in Chemistry (Intensive) (Disciplinary Elective)</p> <p>2018 Minor in Chemistry (Disciplinary Elective)</p>		
Course to PLO Mapping	<p>2022 Major in Chemistry < PLO 1,2,3,4,5,6 ></p> <p>2022 Major in Chemistry (Intensive) < PLO 1,2,3,4,5,6 ></p> <p>2021 Major in Chemistry < PLO 1,2,3,4,5,6 ></p> <p>2021 Major in Chemistry (Intensive) < PLO 1,2,3,4,5,6 ></p> <p>2020 Major in Chemistry < PLO 1,2,3,4,5,6 ></p> <p>2020 Major in Chemistry (Intensive) < PLO 1,2,3,4,5,6 ></p> <p>2019 Major in Chemistry < PLO 1,2,3,4,5,6 ></p> <p>2019 Major in Chemistry (Intensive) < PLO 1,2,3,4,5,6 ></p> <p>2018 Major in Chemistry < PLO 1,2,3,4,5,6 ></p> <p>2018 Major in Chemistry (Intensive) < PLO 1,2,3,4,5,6 ></p>		
Offer in 2022 - 2023	Y	1st sem	2nd sem Summer Examination No Exam
Offer in 2023 - 2024	Y		
Course Grade	Distinction/Pass/Fail		
Grade Descriptors	Distinction	Demonstrates excellent ability in applying knowledge to solve problems in the workplace. Demonstrates excellent performance in handling and carrying out the work required in the job or assigned by supervisor(s). Establishes highly effective collaboration and communication with supervisor(s), colleagues, and clients in the job. Successfully fulfills the requirements set out in the Course Description regarding working hours, with excellent performance in written and oral report, and excellent evaluation by supervisor(s), etc.	
	Pass	Able to apply knowledge to solve problems in the workplace. Successfully handles and carries out the work required in the job or assigned by supervisor(s). Establishes effective collaboration and communication with supervisor(s), colleagues, and clients in the job. Successfully fulfills the requirements set out in the Course Description regarding working hours, written and oral report, and evaluation by supervisor(s), etc. Students demonstrating excellent performance in the above would be awarded a grade of "Distinction".	
	Fail	Very limited or no ability to solve problems in the workplace. Fails to handle or carry out the work required in the job or assigned by supervisor(s). Fails to establish effective collaboration or communication with supervisor(s), other colleagues, or clients in the job. Fails to satisfy the requirements set out in the Course Description regarding working hours, written and oral report, or evaluation by supervisor(s), etc.	
Course Type	Internship		

Course Teaching & Learning Activities	Activities		Details	No. of Hours
	Internship work		it is expected that students are to work at least 160 hours (or the equivalent of 4 weeks full-time)	160
Assessment Methods and Weighting	Methods	Details	Weighting in final course grade (%)	Assessment Methods to CLO Mapping
	Written report	written report, employer's feedback and oral presentation	100	CLO 1,2
Required/recommended reading and online materials	NIL			
Course Website	https://chemistry.hku.hk/staff/kkhn3/4966			
Additional Course Information	Satisfactory completion of this course can be counted towards the Capstone requirement. Details of internship will be recorded on the student's transcript. This course will be assessed on "Pass/Fail" basis. Students who are interested to enrol in this course should contact the Department to obtain the approval. Enrolment of this course is not conducted via the online course selection system and should be made through the relevant Department/School office after approval has been obtained from the course coordinator.			