Module Specification

Module Title	Chemistry Research Project	Module Code	CHE600
Credit Value	30	Level	6
Mode of Delivery	On Campus		Semester A&B

Pre-requisite modules	Co-requisite modules	Overlapping modules

1) Content Description

Provide a description of the module, as it will appear in the Module Directory and on the Student Information System (approx. 70-80 words).

The students work on research topics set by their project supervisors. Experimental or theoretical work is the principal component of the projects. The work also involves critical evaluation of previously published results. A dissertation is prepared.

2) Module Aims

Specify the aims of the module, i.e. the broad educational purposes for offering this module.

To develop experimental and theoretical skills in addressing a particular scientific chemical problem, working under supervision in a research group.

3) Learning Outcomes

Identify the learning outcomes for this module, i.e. knowledge, skills and attributes to be developed through completion of this module. Outcomes should be referenced to the relevant QAA benchmark statements and the Framework for Higher Education Qualifications in England, Wales and Northern Ireland (2008). The SEEC Credit Level Descriptors for Further and Higher Education 2003 and Queen Mary Statement of Graduate Attributes should also be used as a guiding framework for curriculum design.

Academic Content:	
A 1	Carry out chemical research, organize and critically evaluate published scientific information, explain scientific problems in a clear and concise way and make an oral presentation on original scientific work.
A 2	Prepare written scientific reports describing original scientific work, discuss experimental results in a competent way and work independently, both on literature and experimental subjects.

Disciplinary skills - able to:	
B1	This module will teach students to work on original scientific research topics and it will enhance students' understanding of chemistry in a broader context. It will provide students with experience of working in a research group

Attributes:	
C1	To develop skills necessary for independent, original scientific work, to develop problem-solving, IT and communication skills and to learn how to collect and critically evaluate scientific information

C2	To gain extra laboratory experience and develop experimental skills, to learn how to present original scientific results and findings, to learn how to organize time and laboratory work and to learn to work within a research group.

4) Reading List

Provide an indicative reading list for the module. This should include key texts and/or journals but should not be an exhaustive list of materials.

N/A

5) Teaching and Learning Profile

Provide details of the method of delivery (lectures, seminars, fieldwork, practical classes, etc.) used to enable the achievement of learning outcomes and an indicative number of hours for each activity to give an overall picture of the workload a student taking the module would be expected to undertake. This information will form the Key Information Set for each undergraduate programme and will be used to populate the KIS widget found on the QMUL programme information pages. More information can be found online about KIS. You may also wish to refer to the QAA guidance on contact hours when completing this section.

Activity Type	KIS Category	Time Spent (in hours)
Lectures	Scheduled	2
Workshops	Scheduled	4
	Total	6

Specify the total module notional study hours. This should be a total of the hours given for each activity. The notional study hours for each academic credit point is 10. A 15 credit point module therefore represents 150 notional study hours.

Activity Type	Total Time Spent (in hours)	Percentage of Time Spent
Scheduled learning and teaching	12	4%
Placement	0	0
Independent Study	288	96%
Total	300	100

Use the information provided in the box above to specify the total time spent and the percentage time spent in each category of teaching and learning activity.

6) Assessment Profile

Provide details of the assessment methods used to assess the achievement of learning outcomes.

Description of Assessment	Assessment Type	KIS Category	Duration/Length	Percentage Weighting	Final element of assessment	Qualifying Mark
Dissertation	Dissertation	Coursework		60%	Yes	10%
Poster	Project Output (not dissertation)	Coursework		10%		
Seminar and Questions	Oral assessment & presentation	Practical	20 minutes	20%		10%

Practical Performance and Records	Practical Skills assessment	Practical		10%		

Final element of assessment: The assessment that takes place last. There should normally be only one element of assessment marked as final unless two assessment or submission dates occur on the same day.

Qualifying mark: A specified minimum mark that must be obtained in one or more elements of assessment in order to pass a module. This is in addition to, and distinct from, the requirement to achieve a pass in the module mark to pass the module.

Reassessment

Provide details of the reassessment methods used, specifying whether reassessment is either standard reassessment or synoptic reassessment.

○ Standard Reassessment ◉ Synoptic Reassessment

Synoptic reassessment details (if you have indicated synoptic reassessment above, please give details)		
Brief Description of Assessment	Assessment Type	Duration/Length of Examination/ Coursework