

Stage Four Placement Project

Module Code:	CFS7004-E
Academic Year:	2018-19
Credit Rating:	60
School:	School of Chemistry and Biosciences
Subject Area:	Chemistry and Forensic Science (ceases 2016)
FHEQ Level:	FHEQ Level 7 (Masters)
Module Leader:	Dr Sanjit Nayak

Additional Tutors:

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Tutorials	12
Laboratory	288
Directed Study	300

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To provide students with an opportunity to work in a non-academic environment appropriate to their course of study and acquire experience of real world employment. Put their academic learning into a practical context. Further develop professional skills including the use of on-line literature/chemical data searching; ability to critically review relevant published literature and written/oral presentation of research activities.

Outline Syllabus

Students will: be guided in strategically planning their experimental work (Gantt Chart); carry out all appropriate COSHH assessments for all stages of their practical work; source and access relevant published work; be required to generate interim reports (both oral and written summaries); give an oral and poster presentation to staff and peers and submit a written research report on completion of the study. Students will be required to undertake a piece of assessed coursework related to their project study.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Select and use appropriate research equipment without supervision.
- 2 Critically appraise value of own work and that of peers.
- 3 Apply aspects of theoretical knowledge to data acquired through practical work.
- 4 Plan and conduct appropriate experiments in relation to project's objectives.
- 5 Interpret experimental data and draw appropriate conclusions.
- 6 Critically appraise findings and conclusions in relevant chemical literature.
- 7 Present work in the form of research poster/orally in research colloquium/as comprehensive written report.

Learning, Teaching and Assessment Strategy

Learning:

Students are expected to devote 600 hours to their dissertation. This is individual work on an original piece of research. You are required to work independently on your project, to seek advice or practical help when appropriate, with regular communication with your project supervisor(s).

Teaching:

You will be allocated a supervisor(s) who will provide practical support and guidance throughout the design, data collection, data analysis, discussion, summarising of findings and writing up of the final dissertation. Additional support will be provided by members of the technical staff. This will be achieved through formal tutorial meetings with your supervisor(s) (12 recommended) and other supervised activities appropriate to the research method employed. Individual supervision will allow you the opportunity to discuss your ideas, concerns and progress.

Assessment:

Formative feedback will be provided by the supervisor(s) on a draft of the thesis. Summative feedback will be provided as a written examiners report on the final submitted thesis. Your performance whilst in work will be assessed by your work-place supervisor and an academic

supervisor from the university.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Presentation	summative assessment: oral presentation (15 minutes)		15%	No
Summative	Presentation	summative assessment: poster presentation	0 hours	15%	No
Summative	Coursework	summative assessment: written research reports and practical assessment (9000 words)	0 hours	70%	Yes

Legacy Code (if applicable)

CT-4014B

Reading List

To view Reading List, please go to [rebus:list](#).