

MSc Analytical Science for Industry

2018-19 programme

FULL TIME 1Y	
Semester 1	Semesters 2 & 3
<p>15 Credits – CHE-40032 Research Skills for Analytical Science Research skills both in the generic and more specific sense including literature review, research context and science communication.</p> <p>15 Credits – CHE-40031 Research in Industry Commercial awareness and IP matters; science and technology transfer; entrepreneurship; budgeting a UK conference.</p> <p>30 Credits – CHE-40030 Analytical Science: Principles & Practice Lecture and laboratory preparation in a range of analytical techniques including data analysis, quality control and reporting skills which would enable students from chemistry, forensic science and some bioscience degrees to access the course and prepare them for the project work.</p>	<p>“MSc Independent Research Project” comprises three modules of 30 / 30 /60 credits, as described below:</p> <p>30 credits – CHE-40028 MSc Independent Research Project: Research Communication Interview with the two supervisors at the start of Semester 2 and viva at the end of Semester 2 with the two supervisors. Oral presentation at a student conference at the end of Semester 3. All three assignments will help the student build up confidence and expertise in disseminating orally research aims and outcomes to various audiences.</p> <p>60 credits – CHE-40029 MSc Independent Research Project: Report All experimental work must be carried out and the data analysis must be complete. Preparation of a written project report according to the given specification.</p>

30 credits – CHE-40027

MSc Independent Research Project: Portfolio

Extensive record of training attended, laboratory skills acquired together with details of presentations given and conferences or seminars attended. Production of a work diary which will highlight skills acquired and areas where personal development is required (VITAE). This will also incorporate personal development aims enabling the student to gain confidence and maturity. Oral presentation at a student conference.

	Semester 1	Semesters 2 & 3		Semester 1	Semesters 2 & 3
Part-Time 2Y	CHE-40032 (15 cr.)	CHE-40028 (20 we.)	Part-Time 3Y	CHE-40032 (15 cr.)	CHE-40028 (20 we.)
	CHE-40031 (15 cr.)	CHE-40029 (25 we.)		CHE-40031 (15 cr.)	
	CHE-40027 (15 cr.)			CHE-40027 (10 we.)	
	Semester 4	Semesters 5 & 6		Semester 4	Semesters 5 & 6
	CHE-40030 (30 cr.)	CHE-40028 (10 we.)		CHE-40030 (30 cr.)	CHE-40028 (10 we.)
		CHE-40029 (35 we.)			CHE-40029 (10 we.)
	CHE-40027 (15 we.)			CHE-40027 (10 we.)	
				Semester 7	Semesters 8 & 9
				CHE-40029 (50 we.)	
				CHE-40027 (10 we.)	

* cr.: credits / we.: suggested work effort (for module shared across more than 1 year, # of cr. = sum of we. over # of years)