

These programme regulations should be read in conjunction with the University's [core regulations for undergraduate programmes](#).

## Master of Chemistry – Industrial Route (F111)

1. This programme is available at Durham City, in a full-time mode of study.

### Level 1 (Certificate)

2. Candidates shall study and be assessed in the following modules:

		<b>Credit value</b>
Core Chemistry 1A #	<a href="#">CHEM1012</a>	40
Core Chemistry 1B	<a href="#">CHEM1022</a>	40

3. Candidates shall also study and be assessed in modules to the value of 40 credits from those offered by any boards of studies.

### Level 2 (Diploma)

4. Candidates shall study and be assessed in the following modules:

		<b>Credit value</b>
Core Chemistry 2 #	<a href="#">CHEM2012</a>	40
Chemistry of the Elements	<a href="#">CHEM2021</a>	20
Structure and Reactivity in Organic Chemistry	<a href="#">CHEM2031</a>	20
Properties of Molecules	<a href="#">CHEM2041</a>	20

5. Candidates shall also study and be assessed in modules to the value of 20 credits from List A:

<b>List A:</b>		<b>Credit value</b>
Biological Chemistry	<a href="#">CHEM2051</a>	20
Computational Chemistry	<a href="#">CHEM2061</a>	20
A 20 credit module offered by another board of studies		20

### Level 3 (Degree)

6. Candidates shall study and be assessed in the following modules:

		<b>Credit value</b>
Core Chemistry 3~	<a href="#">CHEM3012</a>	40

7. Candidates shall also study and be assessed in modules to the value of 40 credits from List B:

<b>List B:</b>		<b>Credit value</b>
Inorganic Concepts and Applications~	<a href="#">CHEM3021</a>	20
Advanced Organic Chemistry~	<a href="#">CHEM3031</a>	20
Molecules and their Interactions~	<a href="#">CHEM3041</a>	20

8. Candidates shall also study and be assessed in modules to the value of 40 credits from List C, or the remaining modules in list B and list A, excluding the possibility of a module offered by another board of studies:

<b>List C:</b>		<b>Credit value</b>
Materials Chemistry	<a href="#">CHEM3051</a>	20
Advanced Computational Chemistry	<a href="#">CHEM3071</a>	20

#### Level 4 (Degree)

9. Candidates shall study and be assessed in the following modules:

		Credit value
Core Chemistry 4D	<a href="#">CHEM4361</a>	20
External Research Project	<a href="#">CHEM4375</a>	100

#### Assessment, progression and award

10. Students who have successfully completed the first two Levels of the Master of Chemistry (Industrial Route) in accordance with the Core Regulations may, with the permission of the Chair of the Board of Studies in Chemistry, change their registration to the Master of Chemistry (International Route) F102 or Master of Chemistry F105.
11. Students who fail to achieve the standard required under the Core Regulations for progression to Level 3 of the MChem (Industrial Route) but who achieve the standard required for progression to Level 3 of a Bachelors programme may progress to Level 3 of the BSc Chemistry in the Honours or Ordinary stream in accordance with the Core Regulations
12. A student who is qualified to progress from Level 2 to Level 3 of the MChem (Industrial Route) but wishes to transfer to Level 3 of the BSc Chemistry shall be permitted to do so.
13. Students whose achievement at the end of Level 3 does not qualify them to proceed to Level 4 may be awarded the degree of Bachelor of Science (BSc) at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree and the programme regulations for the Bachelor of Science (Chemistry) F100.
14. Modules marked with a ~ must be passed at 40% or above in order to progress to the next Level of study. A mark of 30-39% cannot be compensated.
15. Modules marked with a # must be passed at 40% or above in order to progress to the Ordinary degree at the next Level.
16. Students who have successfully completed the first three Levels of the Master of Chemistry (Industrial Route) in accordance with the Core Regulations may, with the permission of the Chair of the Board of Studies in Chemistry, change their registration to MChem (F105).
17. CHEM4375 includes 20 weeks of tuition conducted at an industrial location and May/ June assessment in Durham.
18. Students whose achievement at the end of Level 4 does not qualify them to be awarded the degree of MChem may be awarded the degree of Bachelor of Science (BSc) with Honours in accordance with the Core Regulations for the award of a Bachelors degree and the programme regulations for the Bachelor of Science (Chemistry) F100.

#### Professional accreditation

19. This programme is accredited by the Royal Society of Chemistry for students entering Level 1 up to and including October 2013 as satisfying the academic requirements for the award of Chartered Chemist (CChem) for holders of first or second class honours degrees.