These programme regulations should be read in conjunction with the University's core regulations for undergraduate programmes, and the marking and classification conventions for undergraduate programmes..

Master of Chemistry – Industrial Route (F111)

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

Level 1 (Certificate)

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

		Credit value
Core Chemistry 1 #	CHEM1078	30
Practical Chemistry 1A #	CHEM1087	10
Mathematical and Experimental Tools required in Chemistry #	CHEM1111	20
Introduction to Materials Chemistry #	CHEM1127	10
Practical Chemistry 1B #	CHEM1107	10

3. Candidates shall also study and be assessed in Level 1 modules to the value of 40 credits offered by any boards of studies, including up to 20 credits of appropriate language modules offered by the University's Centre for Foreign Language Study.

Level 2 (Diploma)

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

		Credit value
Core Chemistry 2	CHEM2012	40
Chemistry of the Elements	CHEM2077	10
Practical Chemistry 2 - Inorganic	CHEM2107	10
Structure and Reactivity in Organic Chemistry	CHEM2087	10
Practical Chemistry 2 –Organic	CHEM2117	10
Properties of Molecules	CHEM2097	10
Practical Chemistry 2 – Physical	CHEM2127	10

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

List A:		**Credit value**
Biological Chemistry	CHEM2051	20
Computational Chemistry	CHEM2061	20
Level 1 or Level 2 modules to the value of 20 credits offered by another board of studies, including up to 20 credits of appropriate credit-bearing Level 1 language modules offered by the University's Centre for Foreign Language Study.		20

Level 3 (Degree)

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

		Credit value
Core Chemistry 3	CHEM3012	40
Chemistry Literature Perspective	CHEM3187	10

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

List B:		**Credit value**
Practical Chemistry 3 – Inorganic ~	CHEM3107	10
Practical Chemistry 3 – Organic ~	CHEM3127	10
Practical Chemistry 3 – Physical ~	CHEM3147	10

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

List C:		**Credit value**
Inorganic Concepts and Applications	CHEM3097	10
Advanced Organic Chemistry	CHEM3117	10
Molecules and their Interactions	CHEM3137	10

9. Candidates shall also study and be assessed in modules to the value of 30 credits from List D, or the remaining modules in List B and List C:

List D:		**Credit value**
Materials Chemistry	CHEM3051	20
Advanced Computational Chemistry	CHEM3071	20
Computational Chemistry	CHEM2061	20
Advanced Biological Chemistry	CHEM3421	20

Level 4 (Degree)

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

		Credit value
Core Chemistry 4D	CHEM4361	20
External Research Project	CHEM4375	100

Assessment, progression and award

11. 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.

12. 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

13. 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.

14. 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 Chemistry (BChem) at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree.

15. Modules marked with the ~ symbol must be passed at 40% or above to progress to the next Level of study. A mark of 30-39% cannot be compensated.

16. Modules marked with the # symbol must be passed at 40% or above to progress to the next level of study.

17. 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).

18. CHEM4375 includes a minimum of 20 weeks of tuition conducted at an industrial location and May/ June assessment in Durham.

19. 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 Chemistry (BChem) with Honours in accordance with the Core Regulations for the award of a Bachelors degree.

Professional accreditation

20. This programme is accredited by the Royal Society of Chemistry for students entering Level 1 up to and including October 2024 as satisfying the academic requirements for the award of Chartered Chemist (CChem) for holders of first- or second-class honours degrees.