

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](#).

This document contains separate regulations based on programme start date (from October 2026 and in October 2025 or earlier).

Please ensure that you review the correct programme regulations for your start date.

BSc Chemistry (F100)

(for candidates admitted from October 2026)

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
Foundations of Chemistry: Atoms, Bonding & Energetics # (Experimental Chemistry I: Introductory to Laboratory Techniques)	CHEM1032	40
Chemical Systems & Change: Structure & Dynamics #	CHEM1131	20
Mathematical Methods for Chemists #	CHEM1121	20
Experimental Chemistry II: Developing Laboratory Expertise #	CHEM1141	20

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

		Credit value
Molecules in Action	CHEM1061	20
With the approval of the Director of Education in Chemistry, any Open Level 1 modules up to the value of 20 credits offered by any Boards of Studies including a language module 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
Principles of Inorganic Chemistry: Symmetry & Transition metal complexes #	CHEM****	20
Principles of Organic Chemistry: Aromaticity & Synthetic strategy #	CHEM****	20
Principles of Physical Chemistry: Thermodynamics & Spectroscopy #	CHEM****	20
Practical Chemistry Integrated – Level 2 #	CHEM****	40

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

List A:		Credit value
Elements of Chemistry: Key Themes in Chemistry	CHEM****	20
Chemical Principles of Biological Systems	CHEM****	20
With the approval of the Director of Education in Chemistry, 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.		

Level 3 (Degree)

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

List B:		Credit value
Chemistry and Society ~	CHEM3061	20

BSc Chemistry Dissertation	CHEM3161	20
Chemistry into Schools ~	CHEM3081	20
Enhancing Pedagogy in Chemistry	CHEM****	20

7. Candidates shall also study and be assessed in one of the modules from List C:

List C:		Credit value
Practical Chemistry Integrated – BSc Level 3	CHEM****	40
Practical Synthetic Chemistry – Level 3	CHEM****	20
Practical Measurement and Analysis – Level 3	CHEM****	20

8. Candidates shall also study and be assessed in either two or three modules from List D:

List D:		Credit value
Contemporary Inorganic Chemistry: Organometallics & Catalysis	CHEM****	20
Contemporary Organic Chemistry: Pericyclic & stereoselectivity	CHEM****	20
Contemporary Physical Chemistry: Statistical thermodynamics & Kinetics	CHEM****	20

9. Candidates shall also study and be assessed for any remaining credits in modules from List E:

List E:		Credit value
Materials Chemistry	CHEM****	20
Computational Chemistry	CHEM****	20
Advanced Organic Chemistry	CHEM****	20

Assessment, progression and award

10. Modules marked with a ~ must be passed at 40% or above for the award of an honours degree. A mark of 30-39% cannot be compensated.
11. Modules marked with the # symbol must be passed at 40% or above to progress to the next level of study.
12. Students who have successfully completed Level 1 or Level 2 of the Bachelor of Science (Chemistry, F100) in accordance with the Core Regulations may, with the permission of the Director of Education in Chemistry, may change their registration to the Master of Chemistry (F105), Master of Chemistry (Industrial Route, F111) or Master of Chemistry (International Route, F102).

Professional accreditation

13. This programme is accredited by the Royal Society of Chemistry for students entering Level 1 as forming the basis for satisfying the academic requirements for the award of Chartered Chemist (CChem) through further study or continuing professional development, for holders of first- or second-class honours degrees.

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](#).

BSc Chemistry (F100)

(for candidates admitted in October 2025 or earlier)

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 modules to the value of 40 credits from List A:

List A:		Credit value
Molecules in Action	CHEM1061	20
Single Mathematics A	MATH1561	20
Open Level 1 modules up 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 – Integrated #	CHEM2138	30
Structure and Reactivity in Organic Chemistry	CHEM2087	10
Properties of Molecules	CHEM2097	10

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

List B:		Credit value
Biological Chemistry	CHEM2051	20
Computational Chemistry	CHEM2061	20
With the approval of the Director of Education in Chemistry, 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.		

Level 3 (Degree)

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

		Credit value
Core Chemistry 3	CHEM3012	40
Chemistry BSc Dissertation ~	CHEM3161	20
Practical Chemistry 3 – Integrated	CHEM3451	20

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

List C:		Credit value
Chemistry into Schools ~	CHEM3081	20
Chemistry and Society ~	CHEM3061	20

8. Candidates shall also study and be assessed in modules to the value of 20 credits from either List D or List E, or appropriate credit-bearing Level 1 language modules up to the value of 20 credits offered by the University's Centre for Foreign Language Study:

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

List E:		Credit value
Materials Chemistry	CHEM3051	20
Advanced Computational Chemistry	CHEM3071	20
Biological Chemistry	CHEM2051	20
Computational Chemistry	CHEM2061	20
Advanced Biological Chemistry	CHEM3421	20

Assessment, progression and award

9. Modules marked with a ~ must be passed at 40% or above for the award of an honours degree. A mark of 30-39% cannot be compensated.
10. Modules marked with the # symbol must be passed at 40% or above to progress to the next level of study.
11. Students who have successfully completed Level 1 or Level 2 of the Bachelor of Science (Chemistry) F100 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 F105, Master of Chemistry (Industrial Route) F111 or Master of Chemistry (International Route) F102.

Professional accreditation

12. This programme is accredited by the Royal Society of Chemistry for students entering Level 1 up to and including October 2025 as forming the basis for satisfying the academic requirements for the award of Chartered Chemist (CChem) through further study or continuing professional development, for holders of first- or second-class honours degrees.