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)

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. | | 20 |

### 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.