

| Module Code              | Module Title                                                   | ECTS Credits | Semester/Duration | % Exam | % CA | Quota | Pre-requisite | Notes                                  |
|--------------------------|----------------------------------------------------------------|--------------|-------------------|--------|------|-------|---------------|----------------------------------------|
| <a href="#">CHU11101</a> | General And Physical Chemistry                                 | 10           | Semester 1        | 70     | 30   | 999   | None          |                                        |
| <a href="#">CHU11102</a> | Introduction To Inorganic And Organic Chemistry                | 10           | Semester 2        | 75     | 25   | 999   | None          |                                        |
| CHU22201                 | Chemistry 1                                                    | 10           | Semester 1        | 75     | 25   | 999   | None          |                                        |
| CHU22202                 | Chemistry 2                                                    | 10           | Semester 2        | 75     | 25   | 999   | None          |                                        |
| CHU22203                 | Introduction To Medicinal Chemistry And Bioinorganic Chemistry | 5            | Semester 1        | 60     | 40   | 999   | None          | Consist Of Lectures And Tutorials Only |
| CHU22204                 | Introduction To Environmental And Sustainable Chemistry        | 5            | Semester 2        | 75     | 25   | 999   | None          | Consist Of Lectures And Tutorials Only |
| CHU33105                 | Chemistry Of Polymers And Macromolecules                       | 5            | Semester 2        | 100    | 0    | 999   | None          |                                        |
| CHU33107                 | Organometallics & Coordination Chemistry                       | 5            | Semester 2        | 100    | 0    | 999   | None          |                                        |
| CHU33109                 | Practical in Inorganic Chemistry                               | 5            | Semester 2        | 0      | 100  | 999   | None          |                                        |
| CHU33205                 | Advanced Organic Transformations                               | 5            | Semester 2        | 100    | 0    | 999   | None          |                                        |
| CHU33207                 | Synthetic Organic Chemistry                                    | 5            | Semester 1        | 100    | 0    | 999   | None          |                                        |
| CHU33209                 | Practical in Organic Chemistry                                 | 5            | Semester 1        | 0      | 100  | 999   | None          |                                        |
| CHU33303                 | Quantum Mechanical Concepts in Physical Chemistry              | 5            | Semester 1        | 80     | 20   | 999   | None          |                                        |
| CHU33307                 | Solid State Materials And Modelling                            | 5            | Semester 2        | 50     | 50   | 999   | None          |                                        |
| CHU33309                 | Practical in Physical Chemistry                                | 5            | Semester 2        | 0      | 100  | 999   | None          |                                        |

|          |                                                 |    |            |     |     |     |      |  |
|----------|-------------------------------------------------|----|------------|-----|-----|-----|------|--|
| CHU33405 | Analytical & Computational Methods              | 5  | Semester 1 | 100 | 0   | 999 | None |  |
| CHU33409 | Analytical & Computational Methods              | 5  | Semester 1 | 0   | 100 | 999 | None |  |
| CHU33442 | Drug Design and Development                     | 5  | Semester 2 | 100 | 0   | 999 | None |  |
| CHU33509 | Combined Practical in Inorganic and Physical    | 5  | Semester 2 | 0   | 100 | 999 | None |  |
| CHU33603 | Practical In Physical Chemistry And Nanoscience | 5  | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44004 | Inorganic Chemistry                             | 5  | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44005 | Advanced Inorganic Chemistry                    | 10 | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44167 | Advanced Physical Chemistry                     | 10 | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44204 | Organic Chemistry                               | 5  | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44205 | Advanced Organic Chemistry                      | 10 | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44304 | Physical Chemistry                              | 5  | Semester 2 | 100 | 0   | 999 | None |  |
| CHU44405 | Advanced Medicinal Chemistry                    | 10 | Semester 2 | 0   | 100 | 999 | None |  |
| CHU44705 | Advanced Computational Chemistry                | 10 | Semester 2 | 60  | 40  | 999 | None |  |

**For more information on module descriptors please click the module code. Please note senior fresh and sophister module links have been removed until the module handbook has been updated.**

**Please note that Modules relate to the 2024/25 Academic Year and are subject to change**