

Chemistry



Syllabus

The syllabus has a Theoretical and a Practical component.

- There are **28 Mandatory Experiments** which must be written up in a practical notebook and be available in the school for possible inspection.
- The Theoretical Section of the course includes history of the development of Atomic theory and develops concepts from the Junior Certificate course. It fosters a more in-depth understanding of Chemistry and relates the subject to everyday life and to the chemical industry.



Recommendations

Students taking Chemistry should:

- Have a **C grade** on a Higher Level Science Paper in the Junior Certificate
- Have reasonable mathematical ability

Examination



- **3 Hour** written exam in June
- A total of **8 questions** must be answered, 2 of which must be from Section A
 - ~ Section A has **3 questions** on the mandatory experiments
 - ~ Section B has **8 questions** on the course in general
- All questions carry **50 marks** and some have choices within the questions.



Requirements

A **C** in Higher Level is required for

- Human Nutrition in **DIT**
- Veterinary Medicine in **UCD**

Strongly recommended for courses with a scientific content such as **Medicine, Dentistry, Pharmacy, Food Science, Dietician, Forensics, Genetics**

Possible Career Options



- ★ Medicine (5 year degree with Chemistry)
- ★ Chemical Industry
- ★ Pharmaceutical Sector

- ★ The public sector Laboratories
- ★ Forensic Science
- ★ Environmental Science