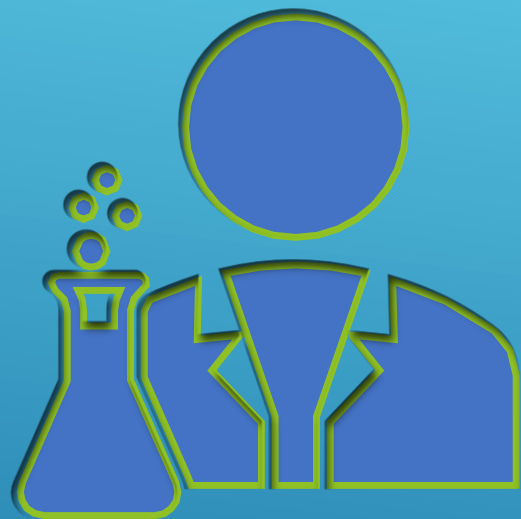


CHEMISTRY

Leaving Certificate Subject Choice





BRIEF COURSE OUTLINE

- ▶ Chemistry is a vibrant, practical and relevant subject to choose to study. From the moment we are born, we are surrounded by chemistry; from the air we breathe, to the food we eat, the clothes we wear and the technology that we find ourselves surrounded by. Chemistry is the study of matter, what substances are made of, how they interact and the important roles they play in our lives. Besides gaining a fundamental understanding of core chemistry concepts, the course offers hands-on experience in a wide range of practical techniques while placing an emphasis on the ability to problem solve. Both skills which are transferable to other areas of study within the Leaving Certificate and further third level courses.



Atomic Structure	Volumetric Analysis	Environmental Chemistry
Periodic Table	Fuels	Atmospheric Chemistry
Bonding	Rates of Reaction	Industrial Chemistry
Stoichiometry (calculations)	Organic Chemistry	Equilibrium

THE FOLLOWING TOPICS ARE COVERED IN THE LEAVING CERTIFICATE COURSE:





Chemistry is essential for those intending to study medicine or any science course at university.



Mathematical ability is not essential, but it is helpful in some sections of the course.



Success depends on working from the start and not allowing oneself to fall behind.



- ▶ Possible Career Areas for which this Subject is Useful/ Essential Any **science area, industry, pharmaceuticals, fire service, teaching, health and safety, dentistry, veterinary science, physiotherapy, nursing and medical** – those who do chemistry have a good versatile brain which is adaptable to go into any work environment.
- ▶ **Chemistry is essential for pupils who wish to study medicine in Ireland or the UK.** (Pupils who do not study chemistry are required to complete an additional year for some medicine courses).

CAREERS



Ms Burke

Mr Molloy

ANY QUESTIONS:

