

> Jargon Buster



Analysis

An area of chemistry that uses equipment and methods to separate, identify, and quantify material such as the active drug or the formulated medicine (e.g. tablets).

Analytical Skills

Having good analytical skills means you're able to study, visualise and communicate information to solve uncomplicated and complicated problems, helping you make sensible decisions based on the information available.

Apprenticeships

There are different levels of apprenticeships, but they are all work based training programmes where people work in real jobs and earn money whilst working towards recognised qualifications.

Depending on the job you are doing and the qualification you need to do the job, sometimes the learning takes place in colleges and sometimes in universities.

APBI

Association of the British Pharmaceutical Industry – The APBI offer a Diploma qualification to people who promote prescription medicines to doctors, dentists and other health professionals.

Astrophysics

Astrophysics is a type of space science that applies the laws of physics and chemistry to seek to understand the universe and our place in it.

Biological/Biology

Is the study of life and the changes that take place with and around all living things.

Biomedical

Biomedical scientists are interested in the human body and how it works. They study how cells, organs and other systems in our bodies work in order to help treat human diseases.

Biosimilars

Biosimilar medicines are manufactured medicines that are almost the same as another existing medicine made by a different company.

Bloodhound Project

An exciting project to build a supersonic car that will go faster than 1,000 miles per hour. Your school may already be involved with this project.

BSc

A BSc is a Bachelor of Science Degree usually focussing on science-related subject areas. A BSc Honours (Hons) is pretty much the same degree but students have to complete a dissertation or long project at the end.

Calibrate

Check the accuracy of a measuring instrument (test equipment) of any type.

Chromatography

Is a way of separating out a mixture of chemicals, which are in gas or liquid form, by letting them creep slowly past another substance, which is typically a liquid or solid.

Clinical trials

Are experiments and observations involving people. They explore whether a medical treatment, or equipment is safe and effective to use.

Column chromatography

Instead of using paper, a vertical glass jar (the column) is packed with a highly adsorbent solid, such as sand. The mobile phase drips (or is pumped at high pressure) through the column and splits into its components, which are then removed and analysed.

Commercial

Commercial roles are jobs within a company that help the company to buy and sell their products or service.

Compliance

Compliance means sticking to a rule, such as a specification, policy, standard or law.

Data

Facts and statistics collected together for reference or analysis.

Distance Learning

Distance learning (usually learning and submitting work to the college or university over the internet) is a way for people who are working full time or can't get to the college or university because of the distance to still study. Other people may choose to study this way through choice.

Dissertation

A dissertation is a long written piece of work that's used as a final piece of assessment for a degree or a diploma.

Energy

The Energy industry is the term we use to describe companies that produce, distribute and sell energy such as oil, gas and electric.

Enzymes

Help cells grow and reproduce by causing chemical reactions. Enzymes help the cells to build things or take things apart as needed.

Fine Chemicals

High quality chemicals used in flavour, fragrance, agriculture, pharmaceutical and other industrial applications.

Forecasting

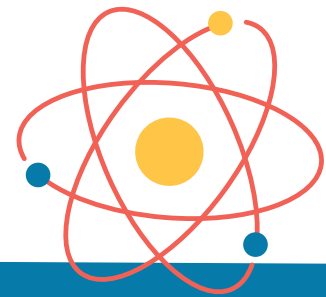
Predicting what might happen based on information from the past or present.

Graduate

A graduate is someone who has successfully completed a first degree at a university or college.



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Graduate Scheme

A structured programme for graduates offered by large companies. It combines working and training and can last for a period of 3 months to 3 years.

HSE – Health and Safety Executive

The Health and Safety Executive believes everyone has the right to come home safe and well from their job. That's why their mission is to prevent work-related death, injury and ill health. They help to advise companies on what they can do to make the work environment safe for employees, visitors and the general public.

Industrial Placement

Is a paid job that's related to the degree course someone is studying. It can also be called 'sandwich' as it sandwiched between the end of the second year and the last year at university. Some companies will also call the placement an 'internship'.

Integral

Necessary to make something whole, complete or essential. eg. The vitamins and minerals we get from eating food is integral to our health.

Logical thinking

Logical thinking uses the straight facts in order to solve problems.

Master's Degree in Physics (MPhys)

A master's degree is a type of degree qualification. It can only be taken after completion of an undergraduate degree like a Bachelor of Arts (BA) or Bachelor of Science (BSc).

Molecular Biology

Is concerned with the activity between molecules in the various parts of a cell. eg. The interactions between DNA and proteins.

Multi task

Doing more than one thing over a short amount of time eg. Like taking a phone call while still writing an email.

Outreach

Is the word companies and universities use to describe how they communicate with schools and the general public. eg. STEM Ambassadors will visit schools to share their experience of what it's like to have a job in science.

Pharmaceuticals

Is the term used to describe the industry or parts of the industry which discovers, develops, evaluates, registers, monitors and markets medicines for the benefit of patients and the health of the community.

Pharmacy Department

The Pharmacy Department makes sure that patients get the medicines that have been prescribed for them.

PhD

PhD stands for 'Doctor of Philosophy', also called a 'doctorate'. It is the highest level of degree that a student can achieve.

Prioritise

When people have lots of tasks to do in work, they need to manage their time to get them all done. They will put the tasks in order of importance, not just doing the quickest easiest tasks first.

Silica

Silica is the name given to a group of minerals composed of silicon and oxygen, the two most abundant elements in the earth's crust.

Sponsored Degree

This is where the employer gives their employee the time to complete their degree qualification. The employer sees that it is important for the employee to progress in their jobs, so will pay the university tuition fees.

Supply Chain

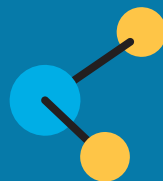
A supply chain is the way in which a product or service is moved from the supplier to the customer. It will involve organisations, people, information, resources or other activities.

The Chemical Industries Association

The main Trade Organisation for the Chemical Industries – this is a kind of club where any company that makes, processes, distributes or develops chemicals can join to get benefits.

WebEx

Is computer software that allows people to share presentations and have meetings over the internet.



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