



Chemistry: Overview

Global change is creating enormous challenges relating to human health, energy and scarce natural resources. These challenges offer excellent future opportunities to people who study chemistry.

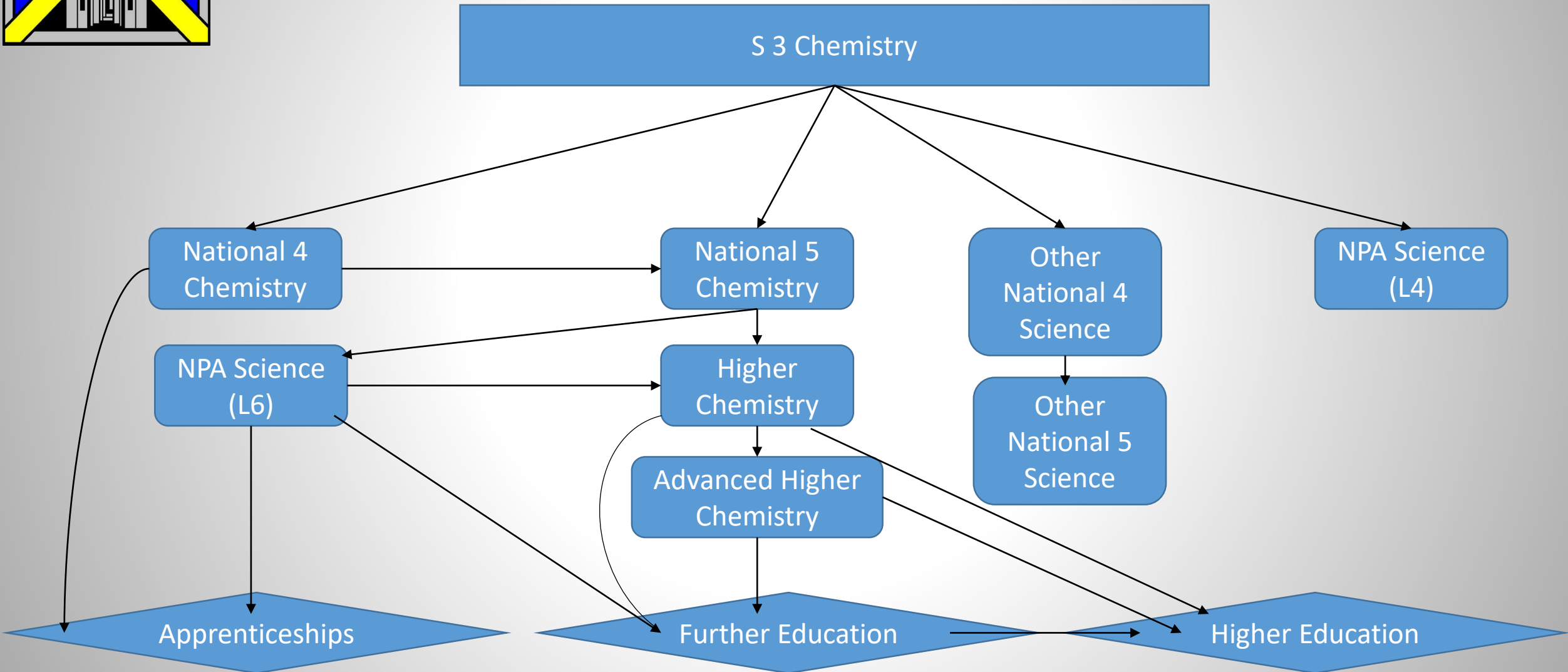
Chemistry provides a basis to go on and understand key concepts of what is happening all around you.

Careers involving Chemistry range from Oil and Gas, Cancer Research, Publishing, Food and Drink Industry, Cosmetics and Pharmaceuticals, and many many more.

Not all Chemists wear a White Coat!



Chemistry: Pathways





Chemistry: Course Content

Unit 1: Introducing Chemistry

Establish and refine basic lab practical skills. Learn how to work out chemical formulae.

Unit 2: Atoms and Ions

Learn about the structure and properties of different types of material. Apply practical skills to demonstrate theory.

Unit 3: Fuels

Identify the properties and names of fuels. Learn how to harness the energy stored in fuels. Identify families and patterns.

Unit 4: Metals

Everyday chemical reactions involving metals, producing energy and protecting iron structures.



Chemistry: Assessment

Practical Investigations

Written tests

Ongoing feedback, as to individual progress



Chemistry: Entry Requirements

A genuine interest in learning what makes the world around you function.

Working at least at level 3 in S2 Science

Good work ethic, and an interest in studying Science further.