With an estimated 5.8 million people employed in the Applied Science industry across the UK (that’s 20% of the workforce*), there’s plenty of opportunity for a career in this sector.

Learning and applying scientific thinking creates critical thinkers and will drive the next generation of innovation and growth.

Principles and concepts combined with skills and real-life applications across a range of scientific disciplines – that’s what BTECs in Applied Science are all about. You’ll be assessed through practical, task-based and written assessments, which means it’s about so much more than just remembering facts and formulae: with a BTEC you’re drawing on your knowledge and understanding to apply what you know in realistic situations.

What kind of career can I go into?

With a grounding in Applied Science, you could progress towards a range of fields like:

- Food Science
- Forensic Science
- Laboratory Assistant
- Health Science
- Industry Technician
- Medical Technician
- Pharmaceutical Industry

Units at a glance

If you choose to study a BTEC in Science, you could study units such as**:

**BTEC First in Applied Science:**
- Principles of Science
- Energy and Our Universe

**BTEC National in Applied Science**
- Laboratory Techniques and their Application
- Investigative Project

**BTEC National in Applied Psychology**
- Conducting Psychological Research
- Health Psychology

**BTEC National in Applied Human Biology**
- Practical Microbiology and Infectious Diseases
- Human Biology and Health Issues

**BTEC National in Forensic & Criminal Investigation**
- Applications of Criminology
- Criminal Investigation Procedures in Practice

**BTEC Higher Nationals in Applied Sciences**
- Fundamentals of Laboratory Techniques
- Anatomy and Human Physiology

* British Science Association, 2020  ** This is a selection of the full range of units. Some units are optional and vary depending which qualification size you pick.