

WELCOME TO SCIENCE AT KIRKLEES COLLEGE

T LEVEL – SCIENCE

All students will develop a general understanding of health and science:

- working within the health and science sector
- health, safety and environmental regulations
- managing information and data
- principles of good scientific and clinical practice
- core science concepts and large molecules, genetics, microbiology and immunology

You will study key concepts of all three sciences: Physics, Chemistry and Biology, which may include:

- understanding the science sector
- further science knowledge, including cell cycle and cellular respiration, enzyme and protein structure, pathogens, classification of biological materials, kinetic changes and relevant analytical techniques
- scientific methodology
- experimental equipment and techniques
- ethics of science

ASSESSMENT

T Levels are exam-based. In the first year, students will sit two core knowledge exam papers in June. They will also complete an employer-set project, which contains controlled assessments.

In the second year, students complete an occupational specialism assessment, demonstrating application of the relevant knowledge, skills and behaviours for the occupation.

INDUSTRY PLACEMENT

To achieve the T Level qualification, students are required to undertake an industry placement for a minimum of 315 hours.

Placements are dependent on the employer's needs. Some students may have a block placement from June - August, and then attend year two after October half term. Some placements may be for the duration of year two on the two days not timetabled in college.



CLICK HERE

*to see an example of
the industry placement
objective, typical activities,
and learning goals to be
achieved by a
student.*



SUPPORT

We have dedicated teams to support both employers and students.

WORK PLACEMENT OFFICER:

Supports employers to match with the right student and help plan the industry placements. They provide ongoing support for the duration of the placement and monitor the students' progress.

PERSONAL DEVELOPMENT TUTOR:

Supports students to prepare for their placement and develop the skills and behaviours needed to successfully complete their placement.

CAREER PROGRESSION

After completing their Science T Level, students can progress to a Degree Apprenticeship, university or employment. University courses such as:

- **Radiography**
- **Pharmacy**
- **Physiotherapy**
- **Health sciences**
- **Biomedical sciences**

Employment opportunities such as:

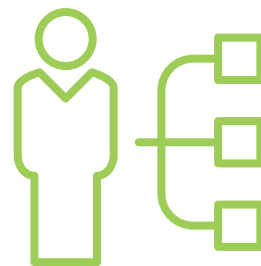
- Laboratory Technician in hospitals and private enterprises and other industries such as Biomed-Engineering, Environmental Science or Pharmaceutical Research.



FINANCIAL SUPPORT

Students can access help for travel and some other costs associated with attending their placement.

Additional support is available to enable learners with specialist educational needs and disabilities to access and successfully complete a quality industry placement.



CONTACT

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