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A Level Chemistry and Careers in Chemistry

Find examples of relevant careers for subsections of the curriculum and link through to job profiles for further information. The profiles will give your students real world examples of jobs in the aspects of chemistry they enjoy most. They are written by teachers for teachers.

Simply click on the job title to go to the job profile on
A Future in Chemistry.

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Module 1 Development of practical skills in chemistry

1.2 Practical skills assessed in the practical endorsement

- › Analytical chemists, Thames Water Development chemist, printing and inks
- › Laboratory analyst and higher degree apprentice, water School science technician

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Module 2 – Foundations in chemistry

2.1 Atoms and reactions

- › [Analytical chemists, Thames Water](#)
 - › [Research assistant, healthcare](#)
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2.2 Electrons, bonding and structure

- › [Analytical technician, plastics](#)
- › [Computational toxicologist](#)
- › [Postdoctoral research associate](#)
- › [Nanotoxicologist](#)
- › [Research fellow](#)
- › [Research innovations manager](#)
- › [Science communicator](#)

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Module 3 Periodic table and energy

3.1 The periodic table

- › [Analytical chemists, Thames Water](#)
 - › [Laboratory analyst and higher degree apprentice, water](#)
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3.2 Physical chemistry

- › [Chief chemist](#)
- › [Project leader in enhanced experimentation](#)

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Module 4 – Core organic chemistry

4.1 Basic concepts and hydrocarbons

- › Analytical technician, plastics
- › Associate scientist, pharmaceuticals
- › Development chemist, printing and inks
- › Project leader in enhanced experimentation
- › Research innovations manager
- › Associate principal scientist, food
- › Chief technology officer
- › Nanotoxicologist
- › Toxicologist, chemical company

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Module 4 – Core organic chemistry

4.2 Alcohols, haloalkanes and analysis

- › Advanced apprentice – forensics
- › Assistant analyst, drug control centre
- › Astrochemist
- › Bioanalytical scientist
- › Environmental chemist
- › Household goods scientist
- › Nanotoxicologist
- › Research innovations manager
- › Senior analytical systems technician
- › Analytical technician, plastics
- › Associate researcher
- › Atmospheric chemist
- › Director of IRC in biomedical materials
- › Forensic scientist
- › Laboratory analyst and higher degree apprentice, water
- › Research assistant, healthcare
- › Scientific associate, NMR spectroscopy
- › Sports scientist

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Module 5 – Physical chemistry and transition elements

5.1 Rates equilibria and pH

- › Analytical chemist, healthcare
- › Laboratory analyst and higher degree apprentice, water

Development chemist, printing and inks

5.2 Energy

- › Chief chemist

› Patent attorney

5.3 Transition elements

- › Chief technology officer

› Project manager

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Module 6 – Organic chemistry and analysis

6.1 Aromatic compounds, carbonyls and acids

- › [Analytical technician, plastics](#)
- › [Associate principal scientist, food](#)
- › [Flavour chemist and innovation director](#)
- › [Nanotoxicologist](#)

6.2 Nitrogen compounds, polymers and synthesis

- › [Associate principal scientist, food](#)
- › [Associate researcher](#)
- › [Household goods scientist](#)
- › [Patent attorney](#)
- › [Research innovations manager](#)
- › [Analytical technician, plastics](#)
- › [Consumer products technician](#)
- › [Nanotoxicologist](#)
- › [Postdoctoral research associate](#)

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Module 6 – Organic chemistry and analysis

6.3 Analysis

- › [Advanced apprentice – forensics](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate researcher](#)
- › [Associate scientist, pharmaceuticals](#)
- › [Atmospheric chemist](#)
- › [Chief technology officer](#)
- › [Director of IRC in biomedical materials](#)
- › [Forensic scientist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Research assistant, healthcare](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sports scientist](#)
- › [Analytical chemist, healthcare](#)
- › [Assistant analyst, drug control centre](#)
- › [Associate principal scientist, food](#)
- › [Astrochemist](#)
- › [Bioanalytical scientist](#)
- › [Development chemist, printing and inks](#)
- › [Environmental chemist](#)
- › [Forensic toxicologist](#)
- › [Nanotoxicologist](#)
- › [Research innovations manager](#)
- › [Senior analytical systems technician](#)

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