

# Higher 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.

*Last updated 2020*

# Higher Chemistry

## and Careers in Chemistry

1 of 13

### Unit 1 – Chemical changes and structures

#### 1a Periodicity

- › [Head of chemistry and science teacher](#)

#### 1b Structure and bonding

- › [Advanced apprentice – forensics](#)
- › [Assistant analyst, drug control centre](#)
- › [Astrochemist](#)
- › [Chief chemist](#)
- › [Consumer products technician](#)
- › [Fine fragrance evaluator](#)
- › [Head of chemistry and science teacher](#)
- › [Patent attorney](#)
- › [Postdoctoral research associate](#)
- › [Senior analytical systems technician](#)
- › [Sports scientist](#)
- › [Bioanalytical scientist](#)
- › [Associate researcher](#)
- › [Atmospheric chemist](#)
- › [Director of medicinal chemistry](#)
- › [Environmental chemist](#)
- › [Forensic scientist](#)
- › [Household goods scientist](#)
- › [Project leader in enhanced experimentation](#)
- › [Research fellow](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sustainability manager](#)

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# Higher Chemistry

## and Careers in Chemistry

2 of 13

### Unit 1 – Chemical changes and structures

#### 1c Oxidising and reducing agents

- › [Environmental chemist](#)
  - › [Head of chemistry and science teacher](#)
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### Unit 2 – Nature's chemistry

#### 2a Systematic carbon chemistry

- › [Advanced apprentice – forensics](#)
- › [Associate researcher](#)
- › [Atmospheric chemist](#)
- › [Consumer products technician](#)
- › [Development chemist, printing and inks](#)
- › [Director of medicinal chemistry](#)
- › [Environmental chemist](#)
- › [Fine fragrance evaluator](#)
- › [Flavour chemist and innovation director](#)
- › [Forensic scientist](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)
- › [Medical research council board secretary](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sports scientist](#)

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# Higher Chemistry

## and Careers in Chemistry

### 3 of 13

## Unit 2 – Nature's chemistry

### 2b Alcohols

- › [Consumer products technician](#)
- › [Development chemist, printing and inks](#)
- › [Flavour chemist and innovation director](#)
- › [Fine fragrance evaluator](#)
- › [Forensic scientist](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)
- › [Medical research council board secretary](#)

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# Higher Chemistry

## and Careers in Chemistry

4 of 13

### Unit 2 – Nature's chemistry

#### 2c Carboxylic acids

- › [Consumer products technician](#)
- › [Forensic scientist](#)
- › [Medical research council board secretary](#)
- › [Flavour chemist and innovation director](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)

#### 2d Esters, fats and oils

- › [Associate principal scientist, food](#)
- › [Development chemist, printing and inks](#)
- › [Flavour chemist and innovation director](#)
- › [Head of chemistry and science teacher](#)
- › [Medical research council board secretary](#)
- › [Consumer products technician](#)
- › [Fine fragrance evaluator](#)
- › [Forensic scientist](#)
- › [Household goods scientist](#)

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# Higher Chemistry

## and Careers in Chemistry

5 of 13

### Unit 2 – Nature's chemistry

#### 2e Soaps, detergents and emulsions

- › [Consumer products technician](#)
- › [Household goods scientist](#)
- › [Head of chemistry and science teacher](#)

#### 2f Proteins

- › [Associate principal scientist, food](#)
- › [Consumer products technician](#)
- › [Flavour chemist and innovation director](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)
- › [Postdoctoral research associate](#)
- › [Sports scientist](#)

#### 2g Oxidation of food

- › [Associate principal scientist, food](#)
- › [Consumer products technician](#)
- › [Flavour chemist and innovation director](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)
- › [Sports scientist](#)

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# Higher Chemistry

## and Careers in Chemistry

6 of 13

### Unit 2 – Nature's chemistry

#### 2h Fragrances

- › [Consumer products technician](#)
- › [Fine fragrance evaluator](#)
- › [Flavour chemist and innovation director](#)
- › [Forensic toxicologist](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)

#### 2i Skin care

- › [Atmospheric chemist](#)
- › [Consumer products technician](#)
- › [Head of chemistry and science teacher](#)
- › [Household goods scientist](#)
- › [Nanotoxicologist](#)

### Unit 3 – Chemistry in society

#### 3a Getting the most from reactants

- › [Advanced apprentice – forensics](#)
- › [Assistant analyst, drug control centre](#)
- › [Bioanalytical scientist](#)

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# Higher Chemistry

## and Careers in Chemistry

7 of 13

### Unit 3 – Chemistry in society

#### 3a Getting the most from reactants

- › [Chief chemist](#)
- › [Forensic scientist](#)
- › [Head of chemistry and science teacher](#)
- › [Project leader in enhanced experimentation](#)
- › [Senior analytical systems technician](#)
- › [Chief chemist](#)
- › [Forensic scientist](#)
- › [Director of medicinal chemistry](#)
- › [Forensic toxicologist](#)
- › [Household goods scientist](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sustainability manager](#)
- › [Director of medicinal chemistry](#)
- › [Forensic toxicologist](#)

#### 3b Controlling the rate

- › [Director of medicinal chemistry](#)
- › [Project leader in enhanced experimentation](#)
- › [Senior analytical systems technician](#)
- › [Head of chemistry and science teacher](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sustainability manager](#)

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# Higher Chemistry

## and Careers in Chemistry

8 of 13

### Unit 3 – Chemistry in society

#### 3c Chemical energy

- › [Astrochemist](#)
- › [Environmental chemist](#)
- › [Project leader in enhanced experimentation](#)
- › [Sustainability manager](#)
- › [Atmospheric chemist](#)
- › [Head of chemistry and science teacher](#)
- › [Sports scientist](#)

#### 3d Equilibria

- › [Atmospheric chemist](#)
- › [Head of chemistry and science teacher](#)
- › [Environmental chemist](#)
- › [Project leader in enhanced experimentation](#)

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# Higher Chemistry

## and Careers in Chemistry

9 of 13

### Unit 3 – Chemistry in society

#### 3e Chemical analysis

- › [Advanced apprentice – forensics](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate researcher](#)
- › [Bioanalytical scientist](#)
- › [Director of IRC in biomedical materials](#)
- › [Environmental chemist](#)
- › [Forensic toxicologist](#)
- › [Head of chemistry and science teacher](#)
- › [Nanotoxicologist](#)
- › [Postdoctoral research associate](#)
- › [Research assistant, healthcare](#)
- › [Research innovations manager](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sports scientist](#)
- › [Analytical chemist, healthcare](#)
- › [Analytical technician, plastics](#)
- › [Assistant analyst, drug control centre](#)
- › [Atmospheric chemist](#)
- › [Computational toxicologist](#)
- › [Director of medicinal chemistry](#)
- › [Fine fragrance evaluator](#)
- › [Forensic scientist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Patent attorney](#)
- › [Project leader in enhanced experimentation](#)
- › [Research fellow](#)
- › [Toxicologist, chemical company](#)
- › [Senior analytical systems technician](#)
- › [Sustainability manager](#)

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# Higher Chemistry

## and Careers in Chemistry

10 of 13

### Unit 4 – Researching chemistry

#### 4a Common chemical apparatus

- › [Advanced apprentice – forensics](#)
- › [Assistant analyst, drug control centre](#)
- › [Associate researcher](#)
- › [Consumer products technician](#)
- › [Environmental chemist](#)
- › [Forensic scientist](#)
- › [Household goods scientist](#)
- › [Postdoctoral research associate](#)
- › [Research fellow](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sports scientist](#)
- › [Bioanalytical scientist](#)
- › [Assistant manager, publishing](#)
- › [Chief chemist](#)
- › [Director of medicinal chemistry](#)
- › [Flavour chemist and innovation director](#)
- › [Head of chemistry and science teacher](#)
- › [Patent attorney](#)
- › [Project leader in enhanced experimentation](#)
- › [Senior analytical systems technician](#)
- › [School science technician](#)

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# Higher Chemistry

## and Careers in Chemistry

11 of 13

### Unit 4 – Researching chemistry

#### 4b General practical techniques

- › [Advanced apprentice – forensics](#)
- › [Analytical chemist, healthcare](#)
- › [Assistant manager, publishing](#)
- › [Bioanalytical scientist](#)
- › [Consumer products technician](#)
- › [Director of medicinal chemistry](#)
- › [Forensic scientist](#)
- › [Flavour chemist and innovation director](#)
- › [Household goods scientist](#)
- › [Patent attorney](#)
- › [Project leader in enhanced experimentation](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Senior analytical systems technician](#)
- › [Sustainability manager](#)
- › [Assistant analyst, drug control centre](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate researcher](#)
- › [Chief chemist](#)
- › [Director of IRC in biomedical materials](#)
- › [Environmental chemist](#)
- › [Forensic toxicologist](#)
- › [Head of chemistry and science teacher](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Postdoctoral research associate](#)
- › [Research fellow](#)
- › [School science technician](#)
- › [Sports scientist](#)
- › [Toxicologist, chemical company](#)

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# Higher Chemistry

## and Careers in Chemistry

12 of 13

### Unit 4 – Researching chemistry

#### 4c Reporting experimental work

- › [Advanced apprentice – forensics](#)
- › [Assistant analyst, drug control centre](#)
- › [Associate researcher](#)
- › [Atmospheric chemist](#)
- › [Chief chemist](#)
- › [Director of IRC in biomedical materials](#)
- › [Environmental chemist](#)
- › [Fine fragrance evaluator](#)
- › [Forensic scientist](#)
- › [Head of chemistry and science teacher](#)
- › [Investor relations manager](#)
- › [Medical research council board secretary](#)
- › [Picture researcher](#)
- › [Analytical chemists, Thames Water](#)
- › [Assistant manager, publishing](#)
- › [Astrochemist](#)
- › [Bioanalytical scientist](#)
- › [Consumer products technician](#)
- › [Director of medicinal chemistry](#)
- › [Finance and planning manager](#)
- › [Flavour chemist and innovation director](#)
- › [Freelance science publicist](#)
- › [Households goods scientist](#)
- › [Lab technician, solar panels \(higher apprentice\)](#)
- › [Patent attorney](#)
- › [Policy advisor](#)

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# Higher Chemistry

## and Careers in Chemistry

13 of 13

### Unit 4 – Researching chemistry

#### 4c Reporting experimental work

- › [Policy researcher](#)
- › [Project leader in enhanced experimentation](#)
- › [Research assistant, healthcare](#)
- › [Research fellow](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Senior committee specialist](#)
- › [Sustainability manager](#)
- › [Postdoctoral research associate](#)
- › [Project manager](#)
- › [Research innovations manager](#)
- › [Science communicator](#)
- › [Senior analytical systems technician](#)
- › [Sports scientist](#)
- › [Toxicologist, chemical company](#)

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