

Job title: Chemist



Job title: Zookeeper	<p>Chemists study chemicals and materials and how they behave under different conditions.</p>
Entry requirements:	<p>You'll usually need a degree qualification to become a chemist. Subjects include:</p> <ul style="list-style-type: none"> • chemistry • applied or analytical chemistry • biochemistry <p>As well as a degree, many employers will also want you to have a relevant postgraduate qualification.</p> <p>Some universities offer an extended degree which leads directly to a postgraduate qualification like an MChem or MSci. These courses have more independent research and can lead directly into professional practice or further postgraduate study.</p> <p>Entry requirements You'll usually need:</p> <ul style="list-style-type: none"> • 5 GCSEs at grades 9 to 4 (A* to C), including maths and a science • at least 2 or 3 A levels, including chemistry • a degree in a relevant subject for postgraduate study <p>You may be able to get into this career through a laboratory scientist higher apprenticeship.</p> <p>Entry requirements You'll usually need: 4 or 5 GCSEs at grades 9 to 4 (A* to C) and college qualifications like A levels for a higher or a degree apprenticeship</p>
Skills required:	<p>You'll need:</p> <ul style="list-style-type: none"> • knowledge of chemistry including the safe use and disposal of chemicals • maths knowledge • science skills • excellent verbal communication skills • complex problem-solving skills • to be thorough and pay attention to detail • analytical thinking skills • the ability to accept criticism and work well under pressure • to be able to use a computer and the main software packages competently
What you'll do:	<p>Depending on your role, you could be:</p> <ul style="list-style-type: none"> • inventing and developing new medicines and products • investigating environmental issues • diagnosing and treating illness and disease • analysing forensic evidence • teaching, lecturing and carrying out academic research <p>Your day-to-day tasks may include:</p> <ul style="list-style-type: none"> • designing and conducting laboratory experiments • making observations and noting results • writing reports and presenting your findings • supervising the work of support staff such as laboratory technicians • carrying out other administrative work
What you'll earn:	<ul style="list-style-type: none"> • Starter: £18, 000 • Experienced: £50, 000 <p><i>These figures are a guide.</i></p>
Working hours, patterns and environment:	<ul style="list-style-type: none"> • You could work at a research facility or in a laboratory. • You may need to wear protective clothing. • 39 to 41 hours occasionally working weekends
Career path and progression:	<ul style="list-style-type: none"> • You'll usually be able to find work with a wide range of employers including the NHS, public health laboratories, research institutes and government agencies. • As a chemist working in industry, you could be involved in research and development, patent work, health and safety or forensic science. • You could also move into teaching or a career in the media. • As an experienced chemist you could work towards chartered status like Chartered Chemist (CChem) and Chartered Scientist (CSci).