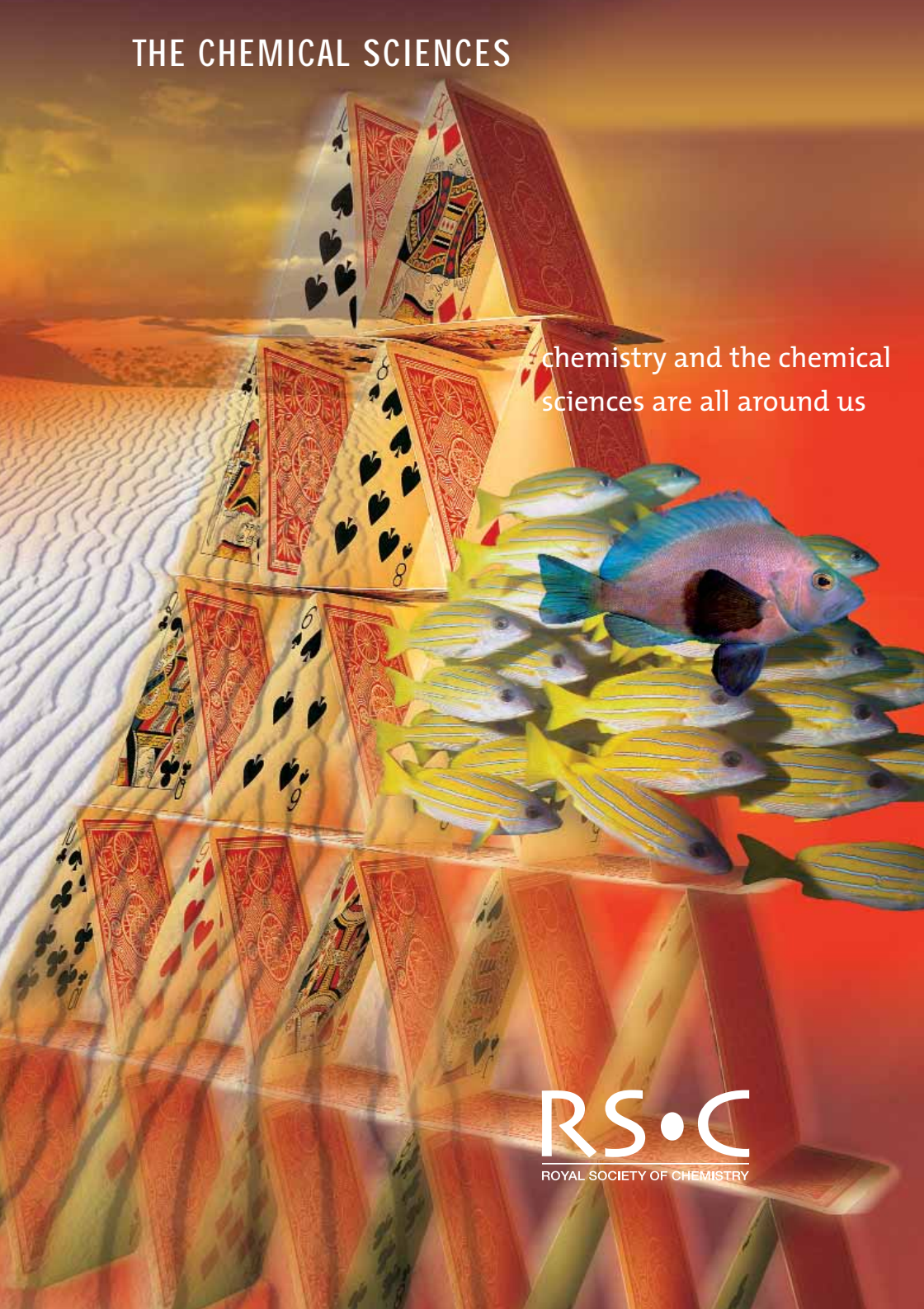


THE CHEMICAL SCIENCES

chemistry and the chemical sciences are all around us

RS·C
ROYAL SOCIETY OF CHEMISTRY



CHOOSING A DEGREE

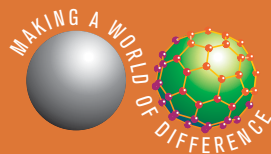
the essential guide

are we
environmental chemists monitor
balanced
the health of our planet by taking
on a knife
and analysing samples, often
edge or
travelling to remote areas to ensure
can we
our air, soil and water are safe
create the
atmospheric chemists check for
foundation
airborne pollutants and monitor
for a firm
climate change **marine chemists**
future?
sample and test our oceans

Chemical sciences are about the very essence of life, the quality of life and its continuous improvement.

A chemical science degree can take you anywhere. It can open windows of opportunity from marine chemistry to chemical engineering; food chemistry to neurochemistry; environmental chemistry to biological chemistry; pharmaceutical chemistry and beyond. It is also excellent preparation for a business career.

From developing life-enhancing drugs to designing a new beer, from the law to the environment, from clothing to food, from health to manufacturing, from aviation to the City, chemistry and chemical scientists make an impact on, and play a vital role in, our daily life and routines.



Interested in chemical sciences but not sure about the next step? Then read on...



A qualification in a chemical science is like an open flight ticket to anywhere in the world... it offers you a whole host of exciting choices. But what exactly do chemical scientists do and how can they help look after the environment and improve our everyday lives?

Could you change the world?

When you think of chemistry, you probably think of laboratories and test tubes. Some chemical scientists do stay in the laboratory but there are lots of other options too. With a chemical science degree you might

- investigate climate change all over the world
- analyse the oceans
- develop medicines
- find new ways to produce energy
- help keep the water supply safe
- maintain food standards
- help make manufacturing processes cleaner.



Many of these jobs cross the boundaries between chemistry, biology and physics and you could find yourself working with other scientists from all sorts of backgrounds.

Some surprises

The chemical sciences open doors to lots of career areas you might not think have anything to do with chemistry. For example:

- journalism
- sales and marketing
- education
- medicine
- law
- finance.



How to find out more

The RSC's StudentZone (www.rsc.org/studentzone) has lots of information on chemical science careers and courses:

- profiles of chemical scientists in a range of jobs
- careers advice
- university open days, sponsorship schemes and entry requirements
- links to all sorts of other web sites



that provide careers information and help with your studies

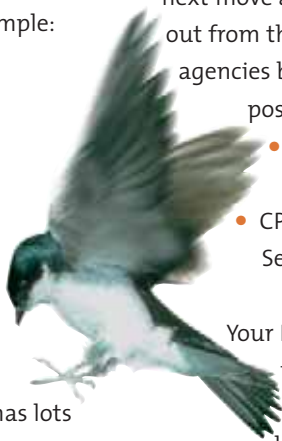
- information about RSC events

On the job

Getting some work experience can be a great way to gain new skills, collect ideas for your next move and help make your CV stand out from the crowd. The two recruitment

agencies below specialise in science positions:

- Science Recruitment Group (SRG) www.srg.co.uk.
- CPL Scientific Employment Services www.cplses.co.uk



Your RSC local section

representative might be able to suggest where to start looking for a work experience

placement in your area.

More information about this is available at: http://www.rsc.org/lap/education/studentzone/sc_workexp.htm

The National Council for Work Experience also has lots of useful advice on how to go about finding a work experience placement: www.work-experience.org.

Need more help?

For more advice on career or course choices contact:

Education Department

Royal Society of Chemistry

Burlington House

Piccadilly

London W1J 0BA.

Tel: 020 7440 3344

Fax: 020 7287 9825

e-mail: education@rsc.org

www.rsc.org/studentzone

www.chemsoc.org

Registered Charity No. 207890

A few of the many other available sources of further information are listed below.

Careers

Careerscope www.isco.org.uk

The careers portal www.careers-portal.co.uk

Springboard www.springboard.co.uk

Courses and student life

UCAS www.ucas.com

Hero www.hero.ac.uk

Push www.push.co.uk

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