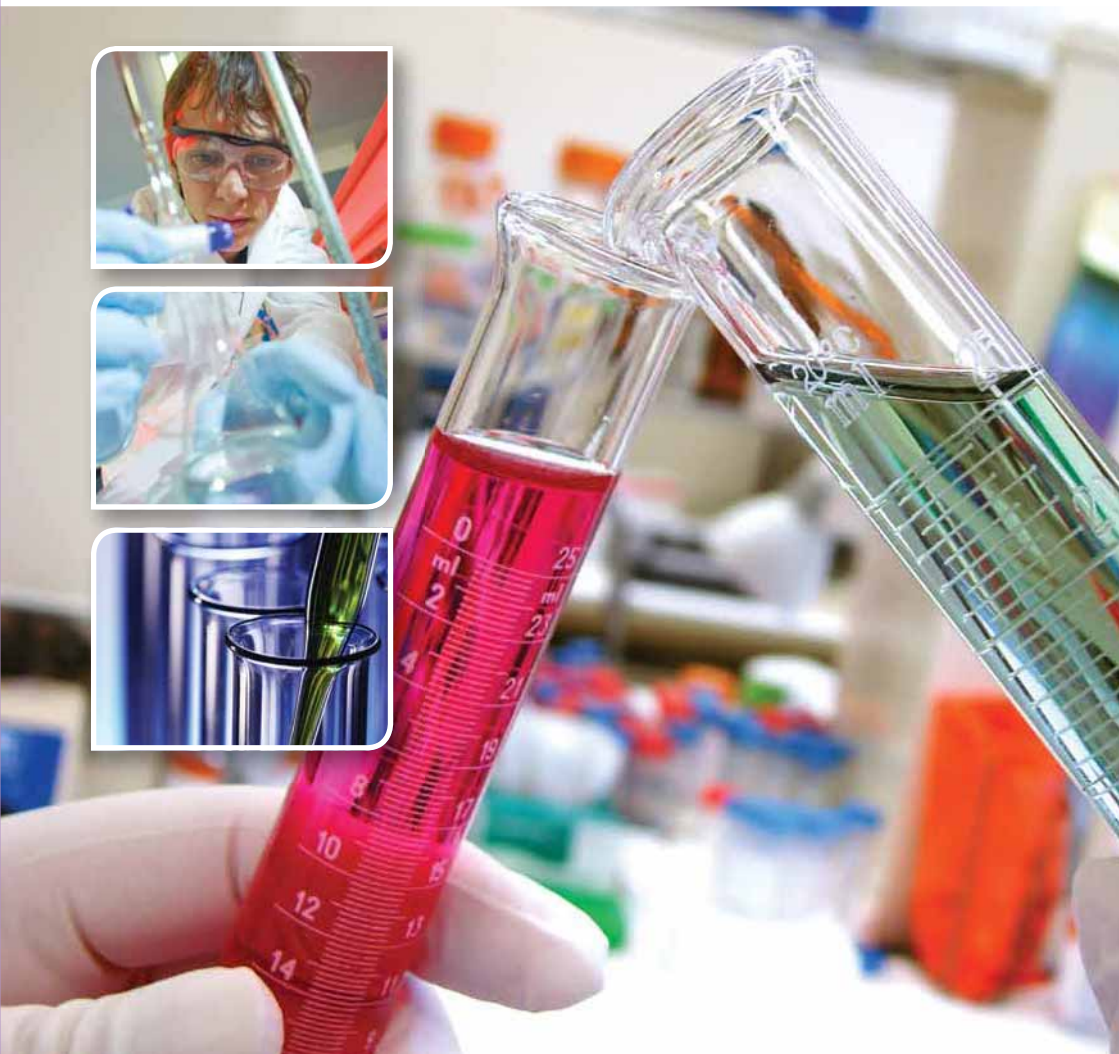


Chemistry

BSc Hons

Recognised by
RSC | Advancing the
Chemical Sciences



Why study this programme?

Chemistry is a central science and offers numerous career options. The university has a long tradition of excellence in this subject dating back to the 1930s. This programme provides a broad-based education in all areas of chemistry and will enable you to specialise in analytical and pharmaceutical chemistry. There will be

a major emphasis on the development of your problem-solving skills. The programme can be studied full- or part-time and may include a sandwich year in industry.

This programme will help you develop a range of subject-specific and transferable skills and will provide the knowledge you require to prepare for employment or further study. It



combines vocational training with theoretical understanding and has strong links with private-sector employers, local government and non-governmental agencies.

You should apply for this programme if you are interested in a career in a chemistry- or pharmaceutical-related area, or employment in more general areas of science, or if you want to develop skills that make you suitable for a broad range of graduate employment.

Within the general chemistry degree there are defined routes in analytical chemistry and pharmaceutical chemistry.

Why study with us?

The School of Science unites science with teaching and research. It works with the university's Natural Resources Institute to provide a centre for higher education with international expertise that spans the social, physical and natural sciences.

The School employ the very latest learning and assessment techniques, provide pastoral care to ensure students achieve their goals and deliver academic and professional programmes supported by research and scholarship. We have some of the most sophisticated instrumentation and most modern facilities in the UK, including a £1.5 million chemistry laboratory. Most of our programmes are accredited or recognised by relevant professional bodies, so you can have total confidence in the quality of our teaching programmes.

The School is located on the Medway Campus in the rapidly developing area of Chatham Maritime in Kent. The campus is home to three universities, making it a vibrant place to work, study and relax. There are three cafés, a pub, a sports hall and five halls of residence. The Students' Union University of Greenwich (www.suug.co.uk) and the Universities at Medway Students' Association (www.umsa.org.uk) both organise a variety of sports and social activities. The Medway Campus is located near the historic towns of Rochester and Chatham and is 50 minutes away from central London.

What courses will you study?

Year 1

- Inorganic Chemistry (15 credits)
- Organic Chemistry (15 credits)
- Physical Chemistry (15 credits)
- Investigative Methodology (15 credits)
- Analytical Chemistry (30 credits)
- Practical and Professional Skills (30 credits)

Year 2

- Research and Professional Skills (15 credits)
- Further Inorganic Chemistry (15 credits)
- Further Physical Chemistry (15 credits)
- Instrumental Analysis (15 credits)

For Chemistry and Analytical Chemistry:

- Further Organic Chemistry (15 credits)

- Intermediate Chemistry (30 credits)
- Green Chemistry (15 credits)

For Pharmaceutical Chemistry:

- Active Pharmaceutical Ingredient Pharmaceutics (30 credits)
- Pharmaceutics (30 credits)

Optional sandwich year (work placement)

Final year

- Project (30 credits)

For Chemistry:

- Three 30-credit options from: Pharmaceutical Analysis and Testing; Advanced Inorganic Chemistry; Advanced Organic Chemistry; Advanced Physical Chemistry; Drug Design and Delivery and Planning for Personal and Professional Development (90 credits)

For Analytical Chemistry:

- Advanced Physical Chemistry (30 credits)
- Pharmaceutical Analysis and Testing (30 credits)
- Case Study in Analytical Chemistry (30 credits)

For Pharmaceutical Chemistry:

- Pharmaceutical Analysis and Testing (30 credits)
- Drug Design and Delivery and Planning for Personal and Professional Development (30 credits)
- One option from: Advanced Physical Chemistry; Advanced Organic Chemistry; Natural Products (30 credits)

Key facts

UCAS code: F110 M BSc/C

Attendance: 3 years full-time, 4 years sandwich, 5 years part-time

Entry requirements: to find out more about entry requirements, please visit www.gre.ac.uk/programmes and type your programme into the search engine; then click on the 'Key Facts' tab on the programme page.

How to apply:

- Full-time applications must be made through UCAS. You should carefully consider the programmes available and apply as early as possible. For further information and UCAS deadlines, please visit www.ucas.ac.uk.
- If you are applying from outside the United Kingdom and Republic of Ireland, you should apply online at www.gre.ac.uk/apply. For further information, e-mail international@gre.ac.uk.
- Part-time students apply online at www.gre.ac.uk/apply.



Career opportunities

As a graduate of this programme, you will be well prepared to take up opportunities in research and development, teaching, the chemical and pharmaceutical industries (production, analytical science, quality assurance and information science), forensic science, environmental pollution, and health and safety.

Teaching and assessment

This programme is taught using a combination of lectures, tutorials, laboratory practicals, seminars, case

studies and student-led presentations. It has a strong practical orientation combined with academic rigour. You will be assessed through a range of different strategies, including essay assignments, examinations, practical assignments in the laboratory and seminar presentations. You will be taught by lecturers with strong experience in both teaching and research.

Financial information

For up-to-date information on tuition fees and financial help, please visit www.gre.ac.uk/finance.



Your next step

University Open Days are held several times a year. They include a programme of talks and offer you the opportunity to speak to staff and students. You may also be given a tour of the campus. A list of dates can be found at **www.gre.ac.uk/opendays**, or contact the Enquiry Unit or International Office for further information.



Why not sign up as a Greenwich VIP and create your own Greenwich webpage, personalised to

your choice of programme and interests? Becoming a Greenwich VIP is a fast route to ordering our publications, booking an Open Day and finding out more about the university. You can also take part in chat sessions with staff and students, receive text and e-mail alerts, and enter our online competitions. Sign up at **www.gre.ac.uk/study**.

For further information

To find out more about studying at the university, please contact:

Website: www.greenwich.ac.uk

UK students

Enquiry Unit

Telephone: 020 8331 9000

Fax: 020 8331 8145

E-mail: courseinfo@gre.ac.uk

International/EU students

International Office

Telephone: +44 20 8331 8136

Fax: +44 20 8331 8625

E-mail: international@gre.ac.uk



UNIVERSITY
of
GREENWICH

School of Science
University of Greenwich

Medway Campus
Central Avenue
Chatham Maritime
Kent ME4 4TB



This document is
available in other
formats on request

University of Greenwich, a charity and company limited by guarantee, registered in England (reg. no. 986729). Registered office: Old Royal Naval College, Park Row, Greenwich, London SE10 9LS

Every effort has been made to ensure that this leaflet is as accurate as possible. However, the university reserves the right to discontinue any class or programme, to alter any programme or to amend without notice any other information printed here.