

# Why study Biology and Chemistry at Edge Hill?

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# Biology





# Top 21 in the UK and 2<sup>nd</sup> in the NW for Biology

The Guardian University Guide 2025

‘Our league tables rank institutions by subject, looking at student satisfaction, staff numbers, spending and career prospects’





# Diverse research and teaching specialisms



BSc (Hons) Biology  
BSc (Hons) Biomedical Science  
BSc (Hons) Global Infectious Disease  
BSc (Hons) Ecology & Conservation  
BSc (Hons) Biotechnology  
BSc (Hons) Plant Science  
BSc (Hons) Biochemistry



# State-of-the-art facilities

Dedicated laboratories:

- Cell Culture
- Histology
- Microbiology
- Molecular genetics
- SEM/TEM
- Insectaries
- Chemistry
- Plant Science
- Ecology





# Laboratory and field skills training

Regular practical sessions

Working in small groups

Using equipment and learning procedures

Workplace best practice

Safety and ethics





# Diverse study options and opportunities

## Study:

- Language modules
- Year in Industry
- Study Abroad (semester, year)
- Free elective modules

## Our of module opportunities:

- Summer internships (home, abroad)
- Student mentoring & tech support
- Student Opportunities Fund
- Placements





# Great employability record

- Diverse study options to broaden or specialise knowledge
- Hands on biological skills training
- Extracurricular opportunities
- Focus on student support

93% of graduates in employment or further study within 18 months

70% in Highly Skilled Employment

Top in the NW!!





# Chemistry





# Specialisms in the field of Chemistry

We have a range of backgrounds at Edge Hill when it comes to chemistry

**Myself- Green Organic Synthesis**

**Dr Luke Wilkinson- Inorganic and Organometallics**

**Dr Rajeev Shrivastava- Advanced Analytical Chemistry**

**Dr Amanda Thomaz- Biochemistry**





# More than just theory

The importance of chemistry to the world at this present moment has never been higher

As it stands, there are around 1.8 million individuals who work in a chemistry related role in the UK<sup>1</sup>

This all means that we need to be producing graduates who are confident in utilising their skills alongside any theory they have been taught

We are currently working with RSC to gain accreditation





# Chemistry Facilities

Chemistry has been part of various programmes over 25 years at Edge Hill

Dedicated Chemistry lab

HPLC (High Pressure or Performance Liquid Chromatograph) including wide range of columns for different separations

GC (Gas Chromatograph)

IR (infrared) Spectrophotometer

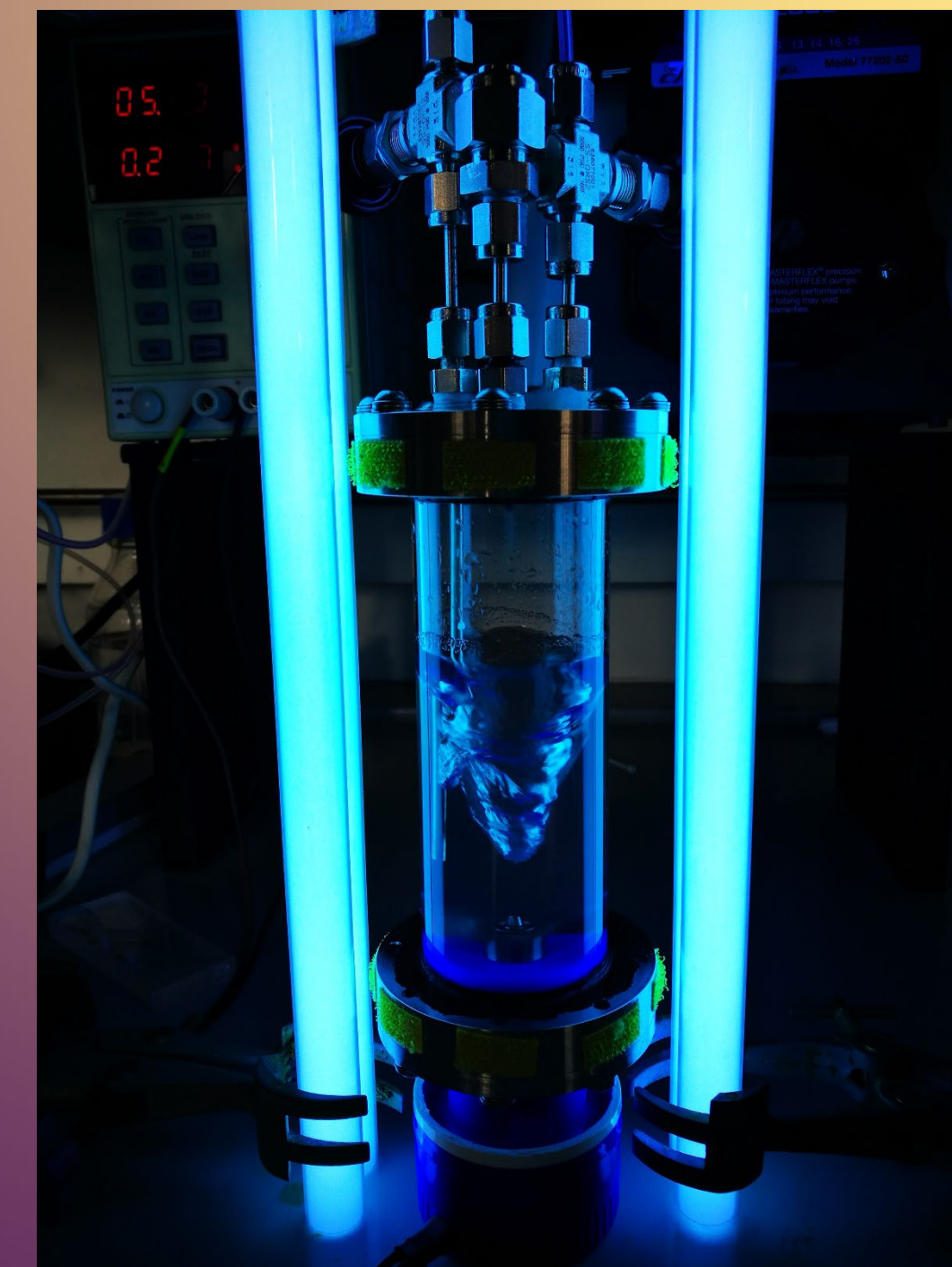
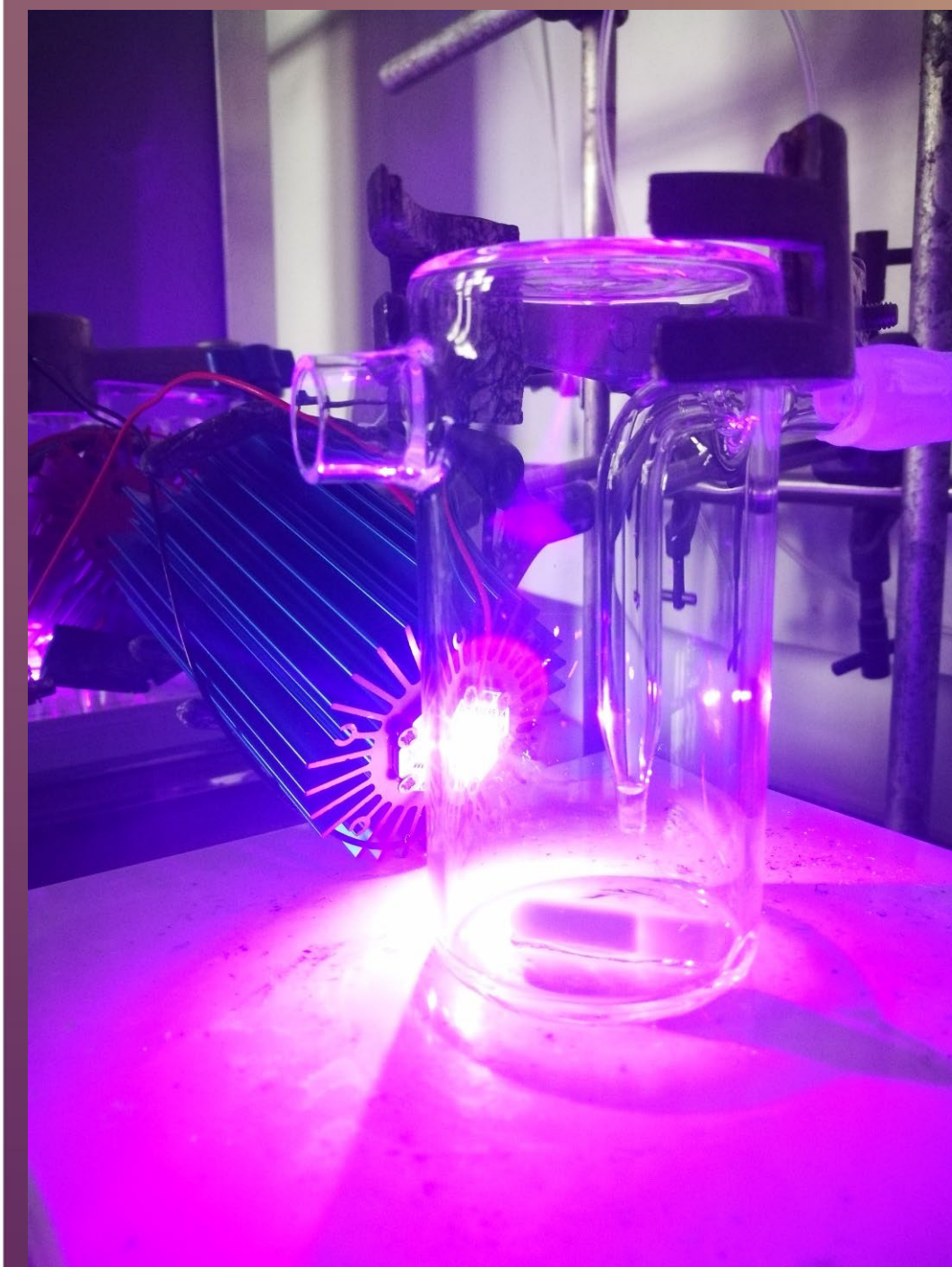
UV-Vis Spectrophotometer

Flame Photometer

Rotatory Evaporator

Specialist reactors

Photochemical batch & flow equipment





# Employment routes

As it stands, the two major employment routes for chemistry graduates is academia/education and industry

However alongside these two routes there is also:- public sector, consulting, finance, management etc.

One of the main reasons why there is such a diverse range of employment opportunities for chemistry graduates is the skills which are imparted during their study

Logical thinking, problem solving, information retention etc. are all key skills which make graduates very employable in a range of sectors

As it stands, the major roles which chemistry graduates are employed in 2025 are:

Analytical Chemist

Synthetic Organic Chemist

Quality Control Chemist

Science Education (Teaching and Lecturing)



glassdoor





# Skills focused learning and assessment

In order to meet the demand for this employment in the chemistry sector, the BSc and MChem at Edge Hill will not only produce graduates who can recite theory but put it into practice

Through the use of intensive lab sessions where key skills can be imparted, these courses will produce robust chemists who can problem-solve and use reason to make evidence based decisions

Informality with lecturers and first name basis with students will enable the building of rapport and trust which will boost confidence in studying further



Numeracy



Thinking and problem-solving



Written communication



Oral communication



Teamwork



Organisation & time management



Use of tools & technology



Commercial awareness



Independence & initiative



Adaptability / flexibility



Expand your  
**opportunities**  
with Edge Hill

[EHU.AC.UK/DISCOVER](https://www.edgehill.ac.uk/discover)