

School of Chemistry

Dr Frances Docherty

Dr Beth Paschke

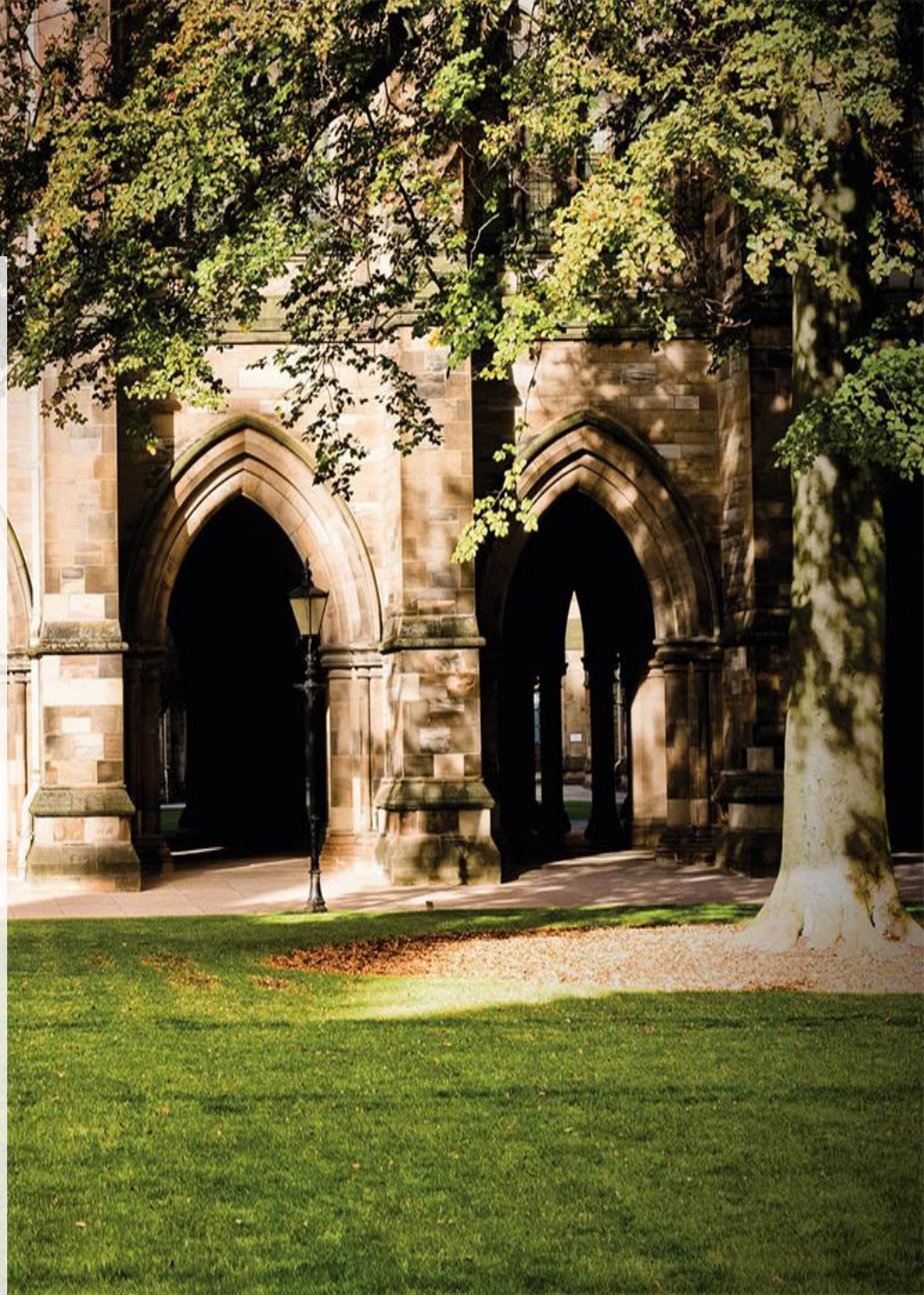
(Senior Chemistry Lecturers)

**WORLD
CHANGERS
WELCOME**



Degrees in Chemistry

- **Chemistry**
- **Chemistry with Medicinal Chemistry**
- **Materials Chemistry**
- **Chemical Physics**
- **Chemistry and Mathematics**
- **Chemical Studies**



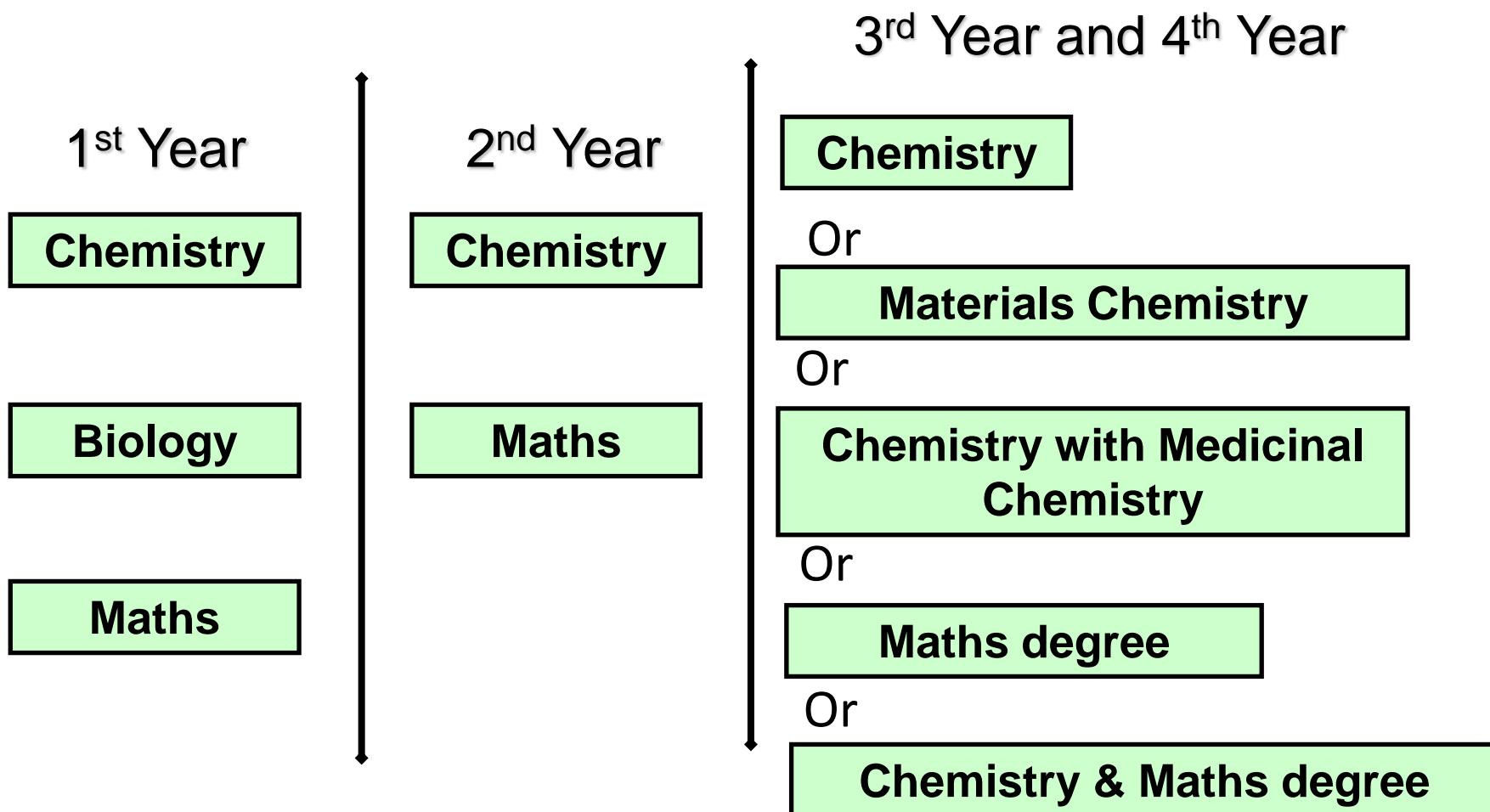
Study three subjects in first year

Chemistry plus two others from:

- Archaeology
- Astronomy
- Biology
- Computing
- Earth Science
- Science
- Exploring the Cosmos
- Geography
- Maths
- Physics
- Psychology
- Statistics
- **others** (non-science ?)



Flexibility of course choice



Chemistry degrees

	BSc	BSc (Hons)	MSci
Chemistry		✓	✓
Chemistry with Medicinal Chemistry		✓	✓
Materials Chemistry		✓	✓
Chemical Physics		✓	✓
Chemistry and Mathematics		✓	✓
Chemical Studies	✓		



University
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- **BSc (3 years)**
- **Honours (4 years)**
- **MSci (5 years)**
- **MSci includes work placement year for Chem, CMC, Materials Chem and Chemical Physics (WP)**





Working with industry

Our **MSci degrees** involve work placement opportunities in;

- **industry** e.g.
GSK, Merck, Hoffman La Roche,
AZ, Diageo, BASF, Bayer
- **other institutions** e.g.
CERN, Max Planck Institute,
European Universities such as
Alicante, Amsterdam, Barcelona,
Utrecht



Accreditations



- Hons and MSci degrees in CHEM and CMC are accredited by the RSC
- Hons and MSci degrees in CP are accredited by the IoP

Recognition of:

- High standards
- Intellectual challenge and effective training of students
- Student support





University
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Careers?

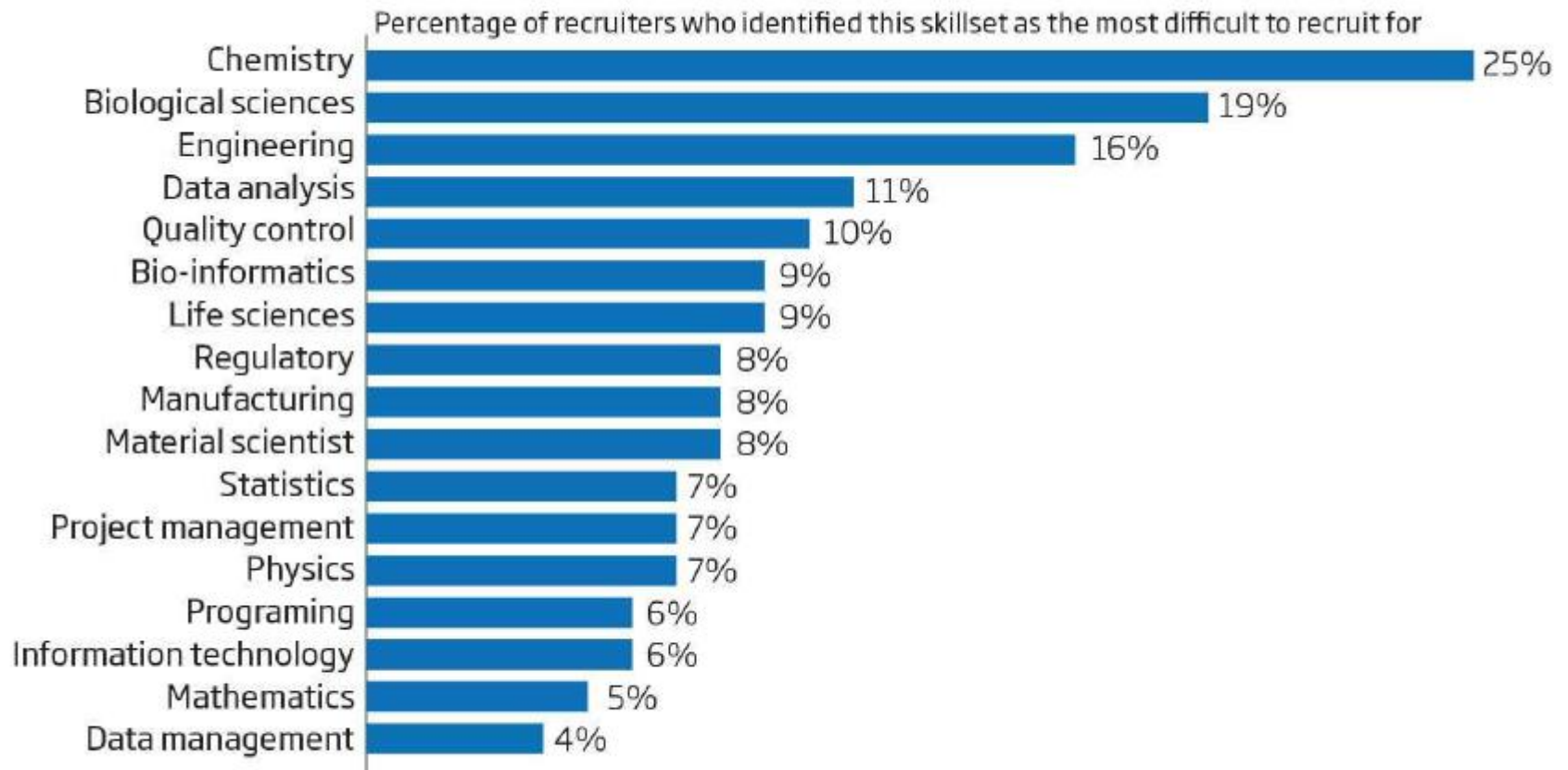
- Teacher
- Fragrance chemist
- Accountant
- University researcher/lecturer
- Publishing
- Science communicator
- Metallurgist
- Production manager
- Policy adviser
- Finance
- Cancer research.....



Science Skills most in Demand

New Scientist , April 2019

Skill set most difficult to recruit for



Base: All responding who are responsible for recruitment. UK (535)

SOURCE: NEW SCIENTIST/SRG 2019 SALARY SURVEY

Main Chemistry Outreach Group Themes

- Raising awareness that science is all around us – not just people in white coats.
- Supporting the curriculum at primary and secondary levels.
- Promoting interest in STEM subjects and making science fun!

Some of Chemistry Outreach Group



RSC Chemistry at Work and Top of the Bench



Nuffield Summer Placements



Nuffield Summer Placements



Engagement and Outreach Lead

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