1747: William Cullen

• first lecturer in Chemistry

1756: Joseph Black
Latent heat
1791: Thomas Charles Hope
- discovered Strontium

1874-80: Sir William Ramsay
- inert gases (Nobel Prize 1914)

1904-1914: Frederick Soddy
- isotopes (Nobel Prize 1921)

1928: Lord Alexander Todd
- BSc student (Nobel Prize 1957)
1955-57: Sir Derek Barton
• synthesis (Nobel Prize 1969)

1942-1970: J. Monteith Robertson
• pioneer of X-ray crystallography

Degrees in Chemistry
• Chemistry
• Chemistry with Medicinal Chemistry
• Chemical Physics
• Chemistry and Mathematics
Royal Society of Chemistry

• Our chemistry degrees are accredited by the Royal Society of Chemistry

BSc (Honours) degree

• 4 years
• No work placement
• (Advanced entry route - 3 years)

BSc degree

• 3 years
MSci degrees

- 5 years
- Year work placement between years 3 and 5
- Advanced entry route (4 years)

Chemistry degrees

<table>
<thead>
<tr>
<th>Chemistry degrees</th>
<th>BSc</th>
<th>BSc (Hons)</th>
<th>MSci</th>
</tr>
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<tbody>
<tr>
<td>Chemistry</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chemistry with Medicinal Chemistry</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chemical Physics</td>
<td>✓</td>
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<tr>
<td>Chemistry and Mathematics</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
Study three subjects in first year
Chemistry plus two others from:

- Archaeology
- Biology
- Earth Science
- Exploring the Cosmos
- Maths
- Psychology
- Computing Science
- Environmental biology
- Geography
- Physics
- Statistics
- Science skills

Flexibility of course choice

1st Year
- Chemistry
- Biology
- Maths

2nd Year
- Chemistry
- Biology

3rd Year and 4th Year
- Chemistry
- Or
- Chemistry with Medicinal Chemistry
- Or
- Biology degree
Flexibility of course choice

1st Year
- Chemistry
- Biology
- Maths

2nd Year
- Chemistry
- Maths

3rd Year and 4th Year
- Chemistry
- Chemistry with Medicinal Chemistry
- Or
- Maths degree
- Or
- Chemistry & Maths degree

Year work placements

Working in industry for between 9 months and a year doing a research project with pay from the company
Work placements - Where?

- Bayer Crop Science (Germany)
- Reckitt Benckiser (Hull)
- Charles River Laboratories (Edinburgh)
- GlaxoSmithKline (Harlow, Stevenage, Ware)
- Grenoble (France)
- Hoffmann La Roche (Switzerland)
- BASF (Germany)
- Ineos (Grangemouth)
- De La Rue (Hampshire)
- KAUST (Saudi Arabia)

European placements

Working in a research laboratory for about 9 months in a European university with extra funding from the EU
European placements – Where?

• Czech Republic
• Denmark
• France
• Germany
• Italy
• Netherlands
• Spain