** Centre for Doctoral Training in Sustainable Chemistry**

**Application Form**

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| *First Name(s)**Surname/Family name* | *No* |
| Current most/recent qualification(s) | Institution  | Grade/Expected grade | Completion date |
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| Other experience relevant to your application |  |
| Area(s) if interest  |

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| --- | --- |
| **Synthesis** |  |
| (Efficient and safer routes to pharmaceuticals, agrochemicals and polymers)  |  |
| **Catalysis**  |  |
| (Metal, organic and enzymatic catalysis, high rates and selectivities) |  |
| **Energy** |  |
| (Batteries, fuel cells, organic photovoltaic and thermoelectric materials) |  |
| **Fundamentals**  |  |
| (Kinetics and mechanisms, spectroscopy and modelling)  |  |
| **Manufacturing** |  |
| (Additives and 3D printing, life-cycle analysis, cyclic manufacture)  |  |
| **Computational** FundamentalsFundamentals |  |
| (Data extraction, machine learning, maths in medicine) |  |
| **Process engineering**  |  |
| (Reactor design, Supercritical fluids, Microwave processing)  |  |
| **Food Science**  |  |
| (Biopolymers, Polysaccharides, genomic analysis) |  |
| **Biotechnology** |  |
| (Biovalorisation, Synthetic biology, Platform chemicals) |  |
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| Please provide further details about your research interests.  |
| Please explain your interest in sustainability, and how your area(s) of interest might contribute towards a sustainable future.  |
| What is your rationale for applying for this particular programme, and why do you think you are a suitable candidate for a place on the course?  |