Science and Technology
Student Projects and Placements

We develop graduates who are technically and scientifically skilled and highly employable. We provide businesses with a wide choice of flexible ways to work in partnership with our students, such as placements, internships, part-time work and project work. Employers benefit from the simplicity of access to science and technology skills whilst providing opportunities for our students to gain invaluable experience and develop and apply their skills throughout their studies.

Access Expertise
Our enterprise activities are organised across seven key interdisciplinary themes which build on disciplinary excellence and provide natural points of collaboration. We have 4 types of student project and placements. We evaluate the needs of each business and match these to the appropriate student resource from across Science and Technology. We place over 200 students a year into a wide range of organisations from regional Small and Medium Enterprises (SMEs) to international corporates.

Benefits of Student Projects and Placements
- Choose from a unique broad mix of expertise
- Flexibility- short term placements to 5 year projects
- Tackle issues that businesses may not have the time or knowledge to do themselves
- Offers businesses an opportunity to start a relationship with us and access our resources and research
- Free or very low cost resource, depending on the type of project
- Allows employers to develop and test a partnership with a student which may lead to full time employment after they graduate
- Provide opportunities for young people keen to apply their skills

1. Placements: From 5 days to 6 month projects
Businesses are able to access students via dedicated placement programmes available in a variety of durations and formats from short five day consultancy projects, three-five week mini projects to six month dissertation based projects.

Our business development staff will work with each company to develop a brief and recruit the right student for each project. Companies are not charged for these projects, but are asked to reimburse any out of pocket expenses, e.g. some travel and any specialist resources purchased specifically for the project.

www.lancs.ac.uk/sci-tech/enterprise
2. Knowledge Transfer Partnerships (KTP) 1-3 year projects

A KTP is a relationship formed between a company and an academic institution which facilitates the exchange of knowledge, technology and skills to which the company partner currently has no access. Each partnership employs a recently qualified graduate to work in a company on a project of strategic importance to the business, whilst also being supervised by the academic partner. KTPs last between 1 and 3 years with the graduate normally based at the company for the duration although employed by the university.

3. Collaborative Awards in Science and Engineering (CASE) 3-5 year projects

CASE offers a way for businesses to develop an extended partnership with the university through a heavily subsided long term R&D project. Awarded by the UK Research Council, CASE Studentships provide funding for the most able students to undertake three years of study for a PhD degree (five years for part time awards) and work on a project jointly designed and supervised by a university department and a company. Companies can be from the public, private or voluntary sectors, ranging from multinationals, SMEs, local authorities and registered charities. The student will be specially selected in collaboration with the company and will spend at least 3 months during the period of the award at the company’s premises. The company partner is required to contribute a minimum of a third of the Research Councils’ contribution.

4. Doctoral Training Centres (DTCs) 6 months-3 year projects

DTCs represent a new approach to postgraduate study, with the aim of attracting and nurturing talented and skilled researchers. DTC-based students carry out a PhD-level research project together with taught coursework in a supportive and exciting environment. The key aspects of DTCs are the industry focus, collaboration and the impact the research has on the UK’s economy.

Lancaster’s DTCs include:
- HighWire (computer science, management and design)
- STOR-i (statistics and operational research)
- North West Nanoscience (nanoscience in partnership with Manchester University)
- Nuclear EngD (nuclear engineering)

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