PhD Project Title: Advanced Composites

**Degree Programme**  
Advanced Composites PhD

**Department**  
EPSRC Centre of Doctoral Training in Composites Science, Engineering and Manufacturing. This is based in the School of Civil, Aerospace and Mechanical Engineering.

**Scholarship**  
This is a prestigious EPSRC studentship supported by Rolls-Royce. The studentship covers full UK/EU (EU applicants who have UK residency) PhD tuition fees and a tax-free stipend topped up above the current RCUK rate (£15,009 in 2019/20) to a minimum of £17,777. The PhD comes with a generous allowance for equipment, software and conference travel.

**Funding Duration**  
4 years

**Eligibility**  
Home/EU applicants only

**Start date**  
23 September 2019

**PhD Topic Background/Description**

This PhD studentship is a collaboration between the University of Bristol and Rolls-Royce. We are looking to recruit students with an interest in structural applications of composites. Project topics include novel material development and characterisation, manufacturing advances and simulation, development of novel analysis methods for failure prediction. The actual project selection will be made at the end of the taught component.

The four year Advanced Composites PhD programme is based in the EPSRC Centre of Doctoral Training in Composites Science, Engineering and Manufacturing. It comprises a one-year innovative taught component and a three-year research project (as specified above). The taught component will fast-track graduates with science and mathematics backgrounds to acquire core engineering skills, while engineering graduates will broaden their scientific knowledge before specialising in industrial application.

The three-year research project will be jointly supervised by the academic and industrial supervisors. It is an excellent opportunity to collaborate with a world leading research teams in composites, with links to the National Composites Centre.

For more information on the programme structure and the opportunities available to you on this degree please visit the CDT website.
Further Particulars

Candidate Requirements
An upper second-class degree in a relevant subject (or equivalent qualification).
See international equivalent qualifications on the International Office website

Informal enquiries
For enquiries, please email the Centre of Doctoral Training - composites-cdt@bristol.ac.uk

Application Details
To apply for this studentship, submit a PhD application using our online application system.

Please select PhD Advanced Composites on the Programme Choice page and enter details of the studentship when prompted in the Funding and Research Details sections of the form.

Closing date for applications 3 May 2019.

Apply now