

PhD Project Title: Advanced Composites	
<i>Degree Programme</i>	Advanced Composites PhD
<i>Department</i>	EPSRC Centre for Doctoral Training in Composites Science, Engineering and Manufacturing. This is based in the School of Civil, Aerospace and Mechanical Engineering.
<i>Scholarship</i>	<i>Tax-free stipend at the prevailing UKRI rate plus a £1,500 per annum top-up (as an indication the 22/23 UKRI stipend rate is £17,668 resulting in a minimum total stipend of £19,168)</i> <i>For eligibility and residence requirements please check the UKRI UK Research and Innovation website</i>
<i>Funding Duration</i>	4 years
<i>Eligibility</i>	Home/EU applicants only
<i>Start date</i>	18 September 2023

PhD Topic Background/Description

A fully funded PhD studentship, supported by Rolls-Royce and the EPSRC, is available for study at the University of Bristol on the Advanced Composites PhD Programme. We are looking to recruit a student with an interest in structural applications of composites, novel material development and characterisation, manufacturing advances and simulation, development of novel analysis methods for failure prediction. The exact project definition will be confirmed during the recruitment process.

The four-year Advanced Composites PhD programme is based in the EPSRC Centre for Doctoral Training in Composites Science, Engineering and Manufacturing (CoSEM CDT). 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 applications.

The three-year research project will be jointly supervised by the academic and industrial supervisors.

For more information on the programme structure and the opportunities available to you on this degree please visit the [CoSEM CDT website](#).

Further Particulars

Candidate Requirements

We're looking for exceptional students, with at least a high 2:1 Honours degree (or international equivalent), from across all engineering and science subjects.

If English is not your first language, you need to meet this profile level:

Profile E

Further information about [English language requirements and profile levels](#).

Informal enquiries

For enquiries, please email the Centre for 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 with the name of the supervisor.

Closing date for application: 1st June 2023

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