BACKGROUND INFORMATION

The Faculty of Science and Engineering

The Faculty of Science and Engineering informs, develops and applies world leading scientific knowledge and expertise to address a wide array of global challenges. With research spanning from the theoretical and fundamental building blocks of the universe to applied solutions for real world problems, we pay attention to the needs of the local, UK based and global economy. Our mission is to develop blue sky ideas and take them to practical implementation setting our work within social and economic contexts enabling us to improve lives, livelihoods and societies around the world.

Our successes are due to our dedicated and talented academic, technical, and professional staff and our undergraduate and postgraduate students. The Faculty is home to a diverse and thriving community of over 1600 full-time equivalent (FTE) academic staff, supported by over 400 professional services staff, including a dedicated team of 165 technical specialists. We host over 7300 taught and 1000 research students. Around 35% of our cohort are overseas students, and we have a strong international staff body; we actively celebrate and support this diversity.

The Faculty of Science and Engineering is comprised of nine academic schools:

The School of Chemistry
The School of Civil, Aerospace, and Design Engineering
The School of Computer Science
The School of Earth Sciences
The School of Electrical, Electronic and Mechanical Engineering
The School of Engineering Mathematics and Technology
The School of Geographical Sciences
The School of Mathematics, and
The School of Physics.

Analysis of the 2021 Research Excellence Framework (REF) by Times Higher Education ranked all of our disciplines within the top 10 nationally for research, with *Chemistry* and *Geography and Environmental Studies* both 1st, *Earth Systems and Environmental Sciences* 2nd, *Mathematical Sciences* 4th, *Physics* 5th, *Engineering* 6th and *Computer Science* 7th in the UK.

Through our research excellence and exceptional learning environments we inspire the next generation of world-changing scientists and engineers; helping our students to reach their full potential to enable them to tackle the challenges of a future that we are yet to imagine. We

offer a diverse range of programmes at undergraduate and postgraduate level across the schools, including enticing taught master's courses and innovative interdisciplinary programmes.

The Faculty of Science and Engineering has been highly successful in securing competitive funding from UK Research and Innovation (UKRI) and its research councils to develop Centres for Doctoral Training (CDTs). These concentrate on areas of national need and emerging and interdisciplinary research themes. We currently lead Centres for Doctoral Training in Aerosol Science; Cyber Security; Engineering Biology; Innovation for Sustainable Composites Engineering; Practice-Oriented Artificial Intelligence; Superconductivity; Technology Enhanced Chemical Synthesis; and Quantum Information Science and Technologies. Additionally, we are involved in a collaborative CDT in Sustainable Sound Futures. We also spearhead the NERC-funded GW4 training partnership in earth and environmental sciences aimed at nurturing the next generation of science leaders.

We foster a culture and environment that encourages scientific excellence and maximises the societal impact of our research. The Faculty is supported by a comprehensive range of cutting-edge research facilities spanning all science and engineering disciplines. We continually invest in these facilities, including the Aerodynamics and Aeroacoustics Labs, Bristol Digital Futures Institute, Bristol Robotics Laboratory, Cleanroom, Interface Analysis Centre, NanoESCA, NMR, Organic Geochemistry Unit, Smart Internet Lab, and the Soil-Foundation-Structure Interaction Facility.

We see co-creation and collaboration as essential for driving successful research and innovation. By working in partnership with other academic disciplines, government agencies, non-profit organisations, spin outs, SMEs, and multinationals, we are inspired to dig deeper, try harder and achieve more. We enjoy close and productive relationships with many key industry players across a range of sectors such as Wessex Water, the Met Office, Airbus, Rolls-Royce, EDF Energy, Cisco, Aardman, Google, Toshiba, BT, Thales, Reuters, Hewlett-Packard, QinetiQ, Unilever, LV= and National Air Traffic Services. We also have strong connections to a number of UK Catapults, including hosting the National Composites Centre, and work closely with third sector organisations, charities and government e.g. the Environment Agency, Babbasa and The Grand Appeal.

Within the Faculty, we have teams who manage our links with industry and beyond. These include student facing roles, with well-established mentoring, internship and year in industry schemes. We provide other opportunities for students to engage with industry through projects, technical talks and sponsored events and competitions. We also have staff dedicated to providing project and research management and administrative support to research groups and major projects.

The University is building a major new campus in central Bristol. The Temple Quarter Enterprise Campus will focus on social and digital innovation and the ethics, business models and infrastructure needed to turn digital opportunities into jobs, wealth, and wellbeing for all. The Faculty of Science and Engineering will be instrumental in the mission of the campus, which will host the Quantum Technology Innovation Centre and the Bristol Digital Futures

Institute as well as our world-leading research groups and several of our Centres for Doctoral Training.

EQUALITY, DIVERSITY & INCLUSION

The University is committed to Equality, Diversity and Inclusion and to creating an environment where staff can 'Thrive'.

We are committed to cultivating a community that values diversity, equity, and inclusion. We believe that embracing a wide range of perspectives and experiences — including gender, ethnicity, disability, background, and experience — is essential for driving innovation, creativity, and impact. By promoting diversity, we aim to strengthen our faculty and achieve our vision. To support the needs of our community, we are open to discussing flexible working arrangements, such as job sharing, part-time positions, or adaptable schedules. We strive to accommodate individuals with caring responsibilities or other personal commitments. Our goal is to create a supportive environment where everyone feels valued, respected, and empowered to contribute meaningfully.

APPLICATION INFORMATION

Please visit our web site at www.bris.ac.uk/jobs, enter the vacancy number or job title into the job search and follow the link to the online application process.

Further information on the University's application process can be found at www.bristol.ac.uk/jobs/application-process.html

If you are employed on a fixed-term contract where the reason is cover or because it is a training/development role, your contract will normally come to an end under Ordinance 30 (Some Other Substantial Reason ("SOSR")) as set out in the Fixed Term Contracts Policy. If this is the case, you will not be eligible for redundancy pay or access to the University Redeployment Pool. The reason for offering a fixed-term contract will be made clear in the advert.