

SETsquared Scale-Up university research expertise connected to the Security and Defence sector

Defence and Security capabilities at the University of Bath

The University of Bath is currently a member of two defence frameworks, Serapis and Progeny, with a combined budget of £500m. The university has mapped academics who have received defence sector funding across 8 departments, including mechanical engineering, health, and computer science.

Defence and Security capabilities at the University of Bristol

Key research expertise in defence applications focuses on advanced computing and quantum, AI and data science, materials, and manufacturing, nanophotonics and nanophysics, networks and security, robots and autonomy, transport and infrastructure, and structural health monitoring.

Defence and Security capabilities at the University of Exeter

The Defence and Security Capability Statement identifies 10 key institutes and research centres, aligned with defence networks, clusters, partners and clients. These include the Southwest Centre of Excellence in Satellite Applications, and the Centre for Metamaterial Research and Innovation.

Defence and Security capabilities at the University of Southampton

Relevant research capabilities include defence and security mobility, cyber physical systems, IOT and pervasive systems, next generation wireless, mechatronics, trustworthy autonomous systems, quantum sensing, maritime engineering, astronautics, and cybersecurity research.

Defence and Security capabilities at the University of Surrey

Defence innovation projects draw upon expertise from the Surrey Centre of Cyber Security, Surrey Space Centre, Centre for Vision Speech and Signal Processing, Connected and Autonomous Vehicles Lab<5G/6G Innovation Centre, and the Centre of International Intervention amongst others.