Collaborative Doctoral Training Entities (DTEs)

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<tr>
<th>Category/Collaborative arrangement</th>
<th>Title</th>
<th>Faculty</th>
<th>Partner institution(s)</th>
<th>Location/ Country</th>
<th>Nature of Arrangement</th>
<th>Additional information</th>
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</thead>
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<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>South West and Wales CDT Centre: Ground-breaking research training in the Arts and Humanities Doctoral Training Partnership (AHIRC)</td>
<td>Faculty of Arts</td>
<td>University of Bath, Cardiff University, university of Exeter, Aberystwyth University, Bath Spa University, University of Reading, University of Southampton</td>
<td>UK</td>
<td>Doctoral Training Partnership (DTP) for delivery of Arts and Humanities PhD programmes. The DTP Hub based at Bristol coordinates recruitment. Each Institution is responsible for admission of its own students and for approval and delivery of its own PhD programmes. Joint supervision arrangements are in place. Bristol makes the award for its registered students.</td>
<td>Various associate non-academic and international partners: including English Heritage, National Trust, BBC Drama &amp; BBC Factual, Waterstein &amp; Peveril Media Studio, Bristol City Council &amp; Majorities, cultural agencies of the Welsh Government: Cadw, CYMCC (Museums, Archives and Libraries Wales), National Library of Wales, National Museum of Wales, Royal Commission on the Ancient and Historical Monuments of Wales, Welsh National Opera; Centre for British Studies, Humboldt Universität, Becht, Kyrto University; University of Texas at Austin Virginia; G. P. Tower Center for Creative Writing, Arizona State University.</td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Industrial Doctorate Centre in Composites Manufacture (EPSCP)</td>
<td>Faculty of Engineering</td>
<td>University of Nottingham, Cranfield University, University of Manchester.</td>
<td>UK</td>
<td>Delivery of 4-year EngD Composites Manufacture programme. Students are registered at the University of Bath. Each student is registered at their partner institution. The DTP will facilitate access to co-supervision and training opportunities across partner institutions. Each Institution will award the degree for its registered students.</td>
<td>Various associate industrial partners for EngD Projects: including Rolls-Royce, LGC, IA, Farnese, Jabil, AEL Technology.</td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Industrial Doctorate Centre in SynBio CDT (EPSCP)</td>
<td>Faculty of Engineering</td>
<td>University of Bath</td>
<td>UK</td>
<td>Delivery of 4-year EngD Systems programme. The DTP is hosted by the Systems Centre at Bristol. Each partner institution hosts its own EngD under the DTP: EngD programmes share a core taught component, for which both institutions deliver taught units. Students are registered at, and receive their award from, the institution where their principal supervisor is based. Students undertake an industry-based research project with an academic and an industrial supervisor.</td>
<td>Associate industry partners include: Advanced Transport Systems, ULTra-PRT, Airbus, Aon, Biotricity, BAE systems, Biofinity, Boston Scientific, Boeing, British Energy, Buro Happold, Cognitum, Chesfield, CSBT, DRTI, EADS, GPT, Frozen-.Node Consulting, Fujitsu, Gatwick Airport, IEER, ESMA Aerospace, Harman, Iterum, IT Power, M&amp;Office, Motor Design, Parker Horizon, PCP, ProVisis, Romabi WhiHybrid, Rehacare, Rolls-Royce, Saint-Gobain Performance Plastics, Renics, Suzlon, Nabil Generation, Toastie, Triumph, Tiny Simple Projects, Heston, Windolo-Helicopter.</td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Centre for Doctoring in Water Informatics: Science and Engineering (WISE) (EPSCP)</td>
<td>Faculty of Engineering</td>
<td>University of Exeter, University of Bath, Cardiff University</td>
<td>UK</td>
<td>Delivery of 4-year PhD programme with a first-year taught component. Exeter is the lead institution. All students undertake the Year 1 taught modules at the WISE Postgraduate School based at Exeter. The taught component is owned and assessed by Exeter; the research component is owned and assessed by the student’s home institution, at which they are registered from the start of the year, where their principal supervisor is based, and which makes the award for its registered students.</td>
<td>A range of associate academic, industrial and other partners, including: Columbia University, Cornell University, United States, Yale Polytechnic Federation de Luxembourg, European, Georgia Institute of Technology, Massachusetts Institute of Technology, National University of Singapore, NERC Centre for Ecology &amp; Hydrology, Pennsylvania State University, Stanford University, Tongji University, UNESCO WIE, University of Minnesota, University of Texas at Austin, Arup Group Ltd, National Group Ltd, NWP Wales, HI Wellington, ISO, IBM UK Ltd, IBA Trust, Micro Dragone, OdiSoft UK Ltd, EPS, Sanim, Toshiba Research Europe Ltd, United States Geologic Survey, Wessex Water Services Ltd, Welsh Government, Met Office, National Resources Wales, Smart Water Networks Forum, Environment Agency.</td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Centre for Doctoring in Quantitative Non-Destructive Evaluation - NDE (EPSCP)</td>
<td>Faculty of Engineering</td>
<td>Imperial College London, University of Strathclyde, University of Nottingham, University of Warwick, University of Manchester.</td>
<td>UK</td>
<td>Delivery of 4-year EngD Non-Destructive Evaluation programme and from 2015 PhD programme. Imperial College is the lead institution. Each partner institution is responsible for its own NDE programmes and awards the degree for its registered students. Each partner institution contributes taught units. Students have an academic supervisor and an industrial supervisor for industry-based research.</td>
<td>There are a range of associate industrial partners, currently including Rolls-Royce, Airbus, BAE Systems, Defence Science &amp; Technology Laboratory (DSTL).</td>
</tr>
<tr>
<td>DTI with Joint Award (Doctoral)</td>
<td>Centre for Doctoring in Future Astronautics and Robotics Systems - FARSIDE (EPSCP)</td>
<td>Faculty of Engineering</td>
<td>University of the West of England (UWE)</td>
<td>UK</td>
<td>Delivery of PhD programme in Robotics and Astronautics Systems, with a first-year taught component. The programme is a joint doctoral award with UWE. Several of the first year taught components are delivered at the Bristol Robotics Laboratory based at UWE. Industry collaborative involvement includes student placements and industry-based research projects. (Also listed under Joint and Dual Awards).</td>
<td>Associate industrial partners currently include: BAE Systems, Blue Bear Systems Research, DTI, Lego, OC Robotics, Rolls-Royce, Slecly, NHS Health Education South West, Toastie Research Europe.</td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>MRes Addiction Research Clinical Training programme - MANIC (MRC)</td>
<td>Faculty of Health Sciences</td>
<td>Imperial College London, Kings College London</td>
<td>UK</td>
<td>Delivery of MRes 4-year PhD programme with formal short course training in year 1 followed by the doctoral research project in years 2-4. Imperial College is the lead institution. Students will have opportunities to access training and facilities and undertake research at partner institutions. Each institution will award the degree for its registered students.</td>
<td>A number of associate academic, academic, academic and public engagement support partners, including: Shell Global Solutions, GlassSmithCompany, Microsoft, DTI, Crystals, Proctor &amp; Gamble, DNA2.0, Syngenta, California Institute of Technology, Harvard Medical School, Northwestern University; DNA2.0, New England Biolabs, Sigma-Aldrich, Integrated DNA Technologies; At Bristol, The Royal Birmingham Science Museum.</td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>University Doctorate Centre in Biomedical Sciences (EPSCP)</td>
<td>Faculty of Biomedical Sciences</td>
<td>University of Bath, Cardiff University, University of Exeter</td>
<td>UK</td>
<td>Delivery of 3.5-year PhD programme. Cardiff is the lead institution. The DTP will facilitate access to co-supervision and training opportunities across partner institutions. Each Institution will award the degree for its registered students.</td>
<td></td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Centre for Doctoring in Synthetic Biology (EPSCP)</td>
<td>Faculty of Science</td>
<td>University of Oxford, University of Warwick</td>
<td>UK</td>
<td>Delivery of 4-year PhD programme. Oxford is the lead institution. Students are registered with one of the partner institutions for the PhD/DPhil and that institution will make the doctoral award. Students are also registered at Oxford for the purposes of the taught component. The first year taught component is delivered at Oxford and all partners contribute to its delivery.</td>
<td></td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Centre for Doctoring in Catalysis (EPSCP)</td>
<td>Faculty of Science</td>
<td>Cardiff university, University of Bath</td>
<td>UK</td>
<td>Delivery of 4-year catalysis PhD programme. Cardiff is the lead institution. All students are registered at Cardiff during their first year. All partner institutions contribute to the delivery of the first year taught component, which is owned by Cardiff. Cardiff makes the award of the degree at the end of Year 1. In Years 2-4, students are registered with the institution hosting their PhD research component, where their principal supervisor is based, and which awards the doctoral degree.</td>
<td></td>
</tr>
<tr>
<td>Doctoral Training Entities (DTEs)</td>
<td>Faculty of Science</td>
<td>University of Oxford, University of Southampton</td>
<td>UK</td>
<td>Delivery of 4-year CDT doctoral programme. Oxford is the lead institution. Students are registered at Oxford during their first year for the taught component, which is owned by Oxford. Oxford makes the award of MSc at the end of Year 1. In years 2-4, are registered with the institution hosting their PhD/DPhil research component, where their principal supervisor is based, and which awards the doctoral degree. A number of associate industrial project partners.</td>
<td></td>
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</tr>
<tr>
<td>Centre for Doctoral Training in Theory and Modelling in Chemical Sciences (TMCS)</td>
<td>Centre for Doctoral Training in Diamond Science and Technology (EPSRC)</td>
<td>Faculty of Science</td>
<td>University of Warwick, University of Strathclyde, Newcastle University, University of Oxford, Imperial College London, Aberystwyth University, University of Cardiff, University</td>
<td>UK</td>
<td>Delivery of 4-year CDT doctoral programme. Warwick is the lead institution. Students are registered at Warwick in Year 1 for the taught component, and subsequently at their principal institution in Years 2-4 for the PhD/DPhil research component. Successful students are awarded an MSc by Warwick and the doctoral degree by their principal institution. A number of associate industrial project partners.</td>
<td></td>
</tr>
<tr>
<td>Centre for Doctoral Training in Condensed Matter Physics (EPSRC)</td>
<td>Centre for Doctoral Training Partnership for NERC Science (NEC)</td>
<td>Faculty of Science</td>
<td>University of Bath, Cardiff University, University of Exeter, Natural History Museum, British Antarctic Survey, British Geological Survey, Centre for Ecology &amp; Hydrology, Plymouth Marine Laboratory, The Met Office</td>
<td>UK</td>
<td>Delivery of 4-year PhD programme. All students are registered at Bristol for the first year taught component, which is jointly delivered by both parties. Students are then registered at either Bath or Bristol for the subsequent research component, and that university makes the award of PhD for its registered students. Students have the opportunity to undertake a research placement with an associate partner. Associate partners include: Asylum Research UK Ltd, Cryogenic Ltd, Diamond Light Source, ISIS Research Centre at STFC Laboratory, National Physical Laboratory, Oxford Instruments, Renishaw plc, Siemens plc, High Field Magnet Laboratory.</td>
<td></td>
</tr>
<tr>
<td>Centre for Doctoral Training in Social Sciences - SWDTC (ESRC)</td>
<td>Faculty of Social Sciences</td>
<td>University of Exeter, University of Bath</td>
<td>UK</td>
<td>Delivery of social science (PhD, MRes and MPhil) programmes. In addition to single-discipline pathways, collaboratively delivered interdisciplinary pathways are offered. MRes and PhD in Health &amp; Wellbeing, Global Political Economy, Security Conflict &amp; Justice and Environment Energy &amp; Resilience. PhD Advanced Quantitative Methods. Interdisciplinary students have supervisors at two of the partner institutions, and can take units at any of the three institutions. The Lead University, at which the student is first registered and where the student’s main supervisor is based, makes the award.</td>
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</tbody>
</table>
## Collaboration Agreements

### Role of the University

The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.

### Collaboration Agreements

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
<th>School/Department</th>
<th>Level of Study</th>
<th>Partner Institution(s)</th>
<th>Location</th>
<th>Nature of Arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>Health Sciences (Faculty office)</td>
<td>UG</td>
<td>North Bristol NHS Trust (based at Southmead and Frenchay Hospitals)</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>Health Sciences (Faculty office)</td>
<td>UG</td>
<td>University Hospitals Bristol NHS Foundation Trust (based at Bristol Royal Infirmry and associated hospitals, South Bristol)</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>Health Sciences (Faculty office)</td>
<td>UG</td>
<td>Weston Area Health NHS Trust (based at Weston-super-Mare, North Somerset)</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>Health Sciences (Faculty office)</td>
<td>UG</td>
<td>Gloucestershire Hospitals NHS Foundation Trust</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>University of Exeter, University of Bath, Cardiff University</td>
<td>UG</td>
<td>Taunton &amp; Somerset NHS Foundation Trust (based at Taunton Hospitals &amp; Yeovil District Hospital)</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>Imperial College London, University of Strathclyde, University of Nottingham, University of Warwick, University of Manchester</td>
<td>UG</td>
<td>Great Western Hospitals NHS Foundation Trust (based at Saunderton General Hospital)</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Clinical Academy Medicine [MB ChB] - clinical placement/teaching centre</td>
<td>Faculty of Health Sciences</td>
<td>Health Sciences (Faculty office)</td>
<td>UG</td>
<td>Royal United Hospital Bath NHS Trust II</td>
<td>UK</td>
<td>The University's clinical undergraduate medical education is delivered at seven Clinical Academies, which are based in NHS Trusts across the South West. Teaching Hospitals provide clinical placements and deliver clinical teaching to Year 3-5 students.</td>
</tr>
<tr>
<td>Collaboration Agreement MSc in Transfusion and Transplantation Sciences</td>
<td>Faculty of Biomedical Sciences</td>
<td>School of Cellular and Molecular Medicine</td>
<td>PGT</td>
<td>NHS Blood and Transplant (NBT); Institute of Transfusion Science (BITS), based at NHSBT, Filton, Bristol</td>
<td>UK</td>
<td>The MSc programme is delivered with the contribution of BTS staff to teaching and assessment, and with teaching delivered at and using facilities of the NHSBT premises in Filton, Bristol. Bristol is the degree awarding body.</td>
</tr>
<tr>
<td>Collaboration Agreement MSc / PG Diploma in Clinical Neuropsychology and MSc / PG Diploma in Applied Neuropsychology</td>
<td>Faculty of Science</td>
<td>School of Experimental Psychology</td>
<td>PGT</td>
<td>North Bristol NHS Trust, Bristol</td>
<td>UK</td>
<td>NHS Trust staff contribute to teaching and assessment of the programmes, with the Trust delivering specified taught units on its premises. Bristol is the degree awarding body.</td>
</tr>
<tr>
<td>Collaboration Agreement Initial Teacher Training Programme (ITTP): Teach First Postgraduate Certificate in Education (PGCE) in English, Maths, Science and Modern Foreign Languages; MSc Educational Leadership (Teach First)</td>
<td>Faculty of Social Sciences &amp; Law</td>
<td>Graduate School of Education</td>
<td>PGT</td>
<td>Teach First, UK. Bristol has associated contract with Bath Spa University in relation to the ITTP.</td>
<td>UK</td>
<td>Agreements in place with Teach First for delivery of initial teacher training in the South West region and for delivery of the PGCE programme. Bristol delivers the secondary Teach First PGCE programme as well as the MSc programme and makes the associated awards. Bath Spa delivers the primary Teach First PGCE programme and makes the associated awards, under a contractual arrangement with Bristol. Some common elements such as study sessions are delivered collaboratively by Bristol and Bath Spa to students of both the secondary and primary programmes.</td>
</tr>
<tr>
<td>Flying Faculty Doctor of Education (EdD) and Education Management (MSc)</td>
<td>Faculty of Social Sciences &amp; Law</td>
<td>Graduate School of Education</td>
<td>PGT/PhD</td>
<td>City University, Hong Kong</td>
<td>Hong Kong</td>
<td>A Collaboration Agreement is in place for the EdD and MSc (Hong Kong). All teaching delivery is undertaken by Bristol staff, at City University Hong Kong. The language of instruction and assessment is English. Local and administrative arrangements are carried out by City University. Bristol is the degree awarding body.</td>
</tr>
<tr>
<td>Validation Cert HE, Dip HE, BA in Theology, Graduate Diploma in Theology, PG Dip in Theology, MA in Christian Theology, MPhil, MSc, PhD</td>
<td>Faculty of Arts &amp; Law</td>
<td>Department of Religion and Theology</td>
<td>UG</td>
<td>Trinity College, Bristol</td>
<td>UK</td>
<td>A teaching out arrangement is in place for this partnership, with final entry to the MPhil/PhD taking place during 2015. Bristol is responsible for assuring the academic standards and quality of the agreed theology programmes delivered by Trinity College (which has a joint teaching faculty with Bristol Baptist College), and the degree awarded by Bristol.</td>
</tr>
<tr>
<td>Validation Cert HE, Dip HE, BA in Theology, Graduate Diploma in Theology, PG Dip in Theology, MA in Christian Theology, MPhil, MSc, PhD</td>
<td>Faculty of Arts &amp; Law</td>
<td>Department of Religion and Theology</td>
<td>UG</td>
<td>Bristol Baptist College, Bristol</td>
<td>UK</td>
<td>A teaching out arrangement is in place for this partnership, with final entry to the MPhil/PhD taking place during 2015. Bristol is responsible for assuring the academic standards and quality of the agreed theology programmes delivered by Bristol Baptist College (which has a joint teaching faculty with Trinity College), and the degree awarded by Bristol.</td>
</tr>
<tr>
<td>Category/Level of Arrangement</td>
<td>Title</td>
<td>Faculty/Department</td>
<td>Partner Institution(s)</td>
<td>Location/Country</td>
<td>Nature of Arrangement</td>
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<tr>
<td>Joint Award (Taught)</td>
<td>MSc in Robotics</td>
<td>Faculty of Engineering</td>
<td>Department of Engineering Mathematics</td>
<td>University of the West of England (UWE)</td>
<td>UK</td>
<td>Joint MSc programme (and associated exit awards), leading to a joint award by Bristol and UWE under a Collaboration Agreement. Each university delivers and assesses the units it provides to the jointly designed programme. Students register with Bristol for the award, and also register with UWE in order to take those units that UWE provides.</td>
</tr>
<tr>
<td>DTE with Joint Award (Doctoral)</td>
<td>EPSRC Centre for Doctoral Training in Future Autonomous and Robotic Systems - FARESCOPE</td>
<td>Faculty of Engineering</td>
<td>Department of Aerospace Engineering</td>
<td>University of the West of England (UWE)</td>
<td>UK</td>
<td>Delivery of PhD programme in Robotics and Autonomous Systems, with a first year taught component. The programme is a joint doctoral award with UWE. Several units of the first year taught component are delivered at the Bristol Robotics Laboratory based at UWE. (Also listed under Doctoral Training Entities).</td>
</tr>
<tr>
<td>Joint Award (Doctoral)</td>
<td>AHRC FLED - Joint Award in field of arts and humanities</td>
<td>Faculty of Arts</td>
<td>Graduate School of Arts and Humanities</td>
<td>University of Exeter</td>
<td>UK</td>
<td>Joint supervision of a single cohort of 3 PhD students, leading to a joint award by Bristol and Exeter.</td>
</tr>
<tr>
<td>Joint Award (Doctoral)</td>
<td>Physics PhDs - Joint Award</td>
<td>Faculty of Science</td>
<td>School of Physics</td>
<td>Vrije Universiteit Brussel (VUB), Brussels</td>
<td>UK/Belgium</td>
<td>Co-supervision of 3 PhD students, with research undertaken at both institutions, as well as a placement at CERN. A joint award is made by Bristol and VUB.</td>
</tr>
<tr>
<td>Joint Award (Doctoral)</td>
<td>Physics PhDs - Joint Award</td>
<td>Faculty of Science</td>
<td>School of Physics</td>
<td>University of Southampton</td>
<td>UK</td>
<td>Memorandum of Agreement (MoA) for co-supervision of Physics PhD students, leading to a joint award by Bristol and Southampton. Periods of study are undertaken at both institutions. Associated individual doctoral agreements (IDAs) are put in place for students under the MoA.</td>
</tr>
<tr>
<td>Dual Doctoral Award</td>
<td>Vibro-acoustics of Periodic Media (VIPER) European Joint Doctorate (EJD)</td>
<td>Faculty of Engineering</td>
<td>Imperial College London, University of Strathclyde, University of Nottingham, University of Warwick</td>
<td>Ecole Centrale de Lyon, France; Katholieke Universiteit Leuven, Belgium; University de Franche-Comté, France; Georgia Institute of Technology, USA; Airbus, France; LMS International, Belgium; UB-MATI, France; LAMEREX, Italy; IChome Ltd, UK</td>
<td>UK/France/Belgium</td>
<td>The EJD is an Innovative Training Network scheme with the objective of promoting collaboration in doctoral-level training in Europe. Within the VIPER project, coordinated by Ecole Centrale de Lyon, bilateral doctoral award agreements will be delivered by Bristol with Ecole Centrale de Lyon, Katholieke Universiteit Leuven, and Université de Franche-Comté respectively (for 4 students in total).</td>
</tr>
<tr>
<td>Dual Doctoral Award</td>
<td>Physics PhD</td>
<td>Faculty of Science</td>
<td>School of Physics</td>
<td>Universite Paris Sud, Paris</td>
<td>UK/Italy</td>
<td>Co-supervision of one PhD student; with research undertaken at both institutions, leading to a dual award.</td>
</tr>
</tbody>
</table>
## Other Collaborative Delivery

<table>
<thead>
<tr>
<th>Category</th>
<th>School/ Department</th>
<th>Faculty</th>
<th>Title</th>
<th>Partner Institution(s)</th>
<th>Nature of Arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>MA History of Art - collaborative unit</td>
<td>Department of History of Art</td>
<td>PGT</td>
<td>Range of partners from the Museum and Heritage sector. Current partners include: Royal West of England Academy (RWEA), Bristol, National Portrait Gallery, and the National Trust (Mountstuart House). Collaborative Curatorial Units where MA students work with an external partner to learn to research and catalogue museum collections and mount exhibitions.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>MA History of Art - collaborative unit</td>
<td>Department of History of Art</td>
<td>PGT</td>
<td>Range of Bristol-based practitioners of public history. Current partners include: BBC History Magazine, Armed Forces Cemetery, Icon Films and 1st Great Britain. Public History unit on the MA programme involving external public history sessions with local organisations.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>English Composites Manufacture - business skills taught units</td>
<td>Department of Aerospace Engineering</td>
<td>FQR</td>
<td>University of Bath, UK</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>BT/RG/MT/eing engineering programmes - Professional Studies collaborative units</td>
<td>Department of Civil Engineering</td>
<td>PG</td>
<td>Various industrial companies. Current partners include: Arup, Building Design Partnership, DNV GL, Defence Science and Technology Laboratory (DSTL), EdF Energy, Flett &amp; Nett, GE Aviation, GKN Aerospace, Jaguar Land Rover, National Composites Centre, Qinetiq, Rolls-Royce, Toshiba TNE. Professional Studies units involving industrial mentoring and teaching. Students have access to an industrial mentor and some lectures are delivered by industry staff.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Computer Science UG and MSc programmes - High Tech Enterprise and High Performance Computing collaborative units</td>
<td>University of Exeter</td>
<td>BEng/PGD</td>
<td>A range of consultancies and Small and Medium sized Enterprises (SMEs). Unit offering opportunities for industrial mentoring as well as course delivery by external lecturers from industry.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Veterinary Sciences programme</td>
<td>Imperial College London</td>
<td>University of Exeter</td>
<td>Partner institution(s) Nature of Arrangement</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Veterinary Sciences programme</td>
<td>Imperial College London</td>
<td>MA History of Art</td>
<td>Collaborative units between the School of Veterinary Science and the Department of History of Art.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Physics</td>
<td>School of Physical Sciences</td>
<td>PG</td>
<td>Range of school partners. Current partners include: St Mary Redcliffe and Temple School, Cotham School, Merchant Venturers Academy (Bristol); The Crypt School (Gloucester)</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Mathematics</td>
<td>School of Mathematics</td>
<td>UG</td>
<td>Range of school partners. Current partners include: Fairfield, St Bedes Catholic College, Kings Oak Academy, Redruthian Down, Marlwood, Cotham, St George C of E, Bristol</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Physics</td>
<td>School of Physical Sciences</td>
<td>UG</td>
<td>Partner institutions: Toshiba TREL.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Computer Science</td>
<td>School of Computer Science</td>
<td>UG</td>
<td>Students spend time in schools undertaking classroom observation and assistance. Supervising teachers also contribute to a component of the unit assessment.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Electronics - Industrial Placement</td>
<td>School of Electrical &amp; Electronic Engineering</td>
<td>UG</td>
<td>Various industrial companies. Current partners include: BAE Wireless Technology, Imagination Technologies, Q-free, Renishaw, Simulation Systems Ltd, Toshiba.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Medicine</td>
<td>School of Health Sciences</td>
<td>UG</td>
<td>Various GP practices in Bristol area. Practices provide GP placements to undergraduate medical students.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Veterinary Nursing and Biobehavioural Science (NBBS); MSc Global Wildlife Health &amp; Conservation</td>
<td>School of Veterinary Sciences</td>
<td>UG</td>
<td>Bristol, Clifton &amp; West Of England Zoological Society Ltd, Bristol. Service Agreements with Bristol Zoo for the provision of extra animal clinical and didactic teaching, assessment and electives for undergraduate veterinary students; and for clinical and didactic teaching, assessment of coursework, practical wildlife training, supervision of research projects and electives for MSc students.</td>
</tr>
<tr>
<td>Service provision</td>
<td>Faculty of Arts</td>
<td>Veterinary Science - clinical rotations</td>
<td>School of Veterinary Sciences</td>
<td>UG</td>
<td>Delaware Veterinary Group, Somerton</td>
</tr>
</tbody>
</table>
Placement/Work Based Learning

BVSc Veterinary Science - clinical rotations
Faculty of Health Sciences
School of Veterinary Sciences
UG Shepton Veterinary Group, Shepton Mallet Services Agreement for delivery of clinical teaching and assessment in year 5 for clinical rotations, based at the practice.

Placement/Work Based Learning

BVSc Veterinary Science - clinical rotations
Faculty of Health Sciences
School of Veterinary Sciences
UG RSPCA Manchester (Greater Manchester Animal Hospital) Services Agreement for delivery of clinical teaching and assessment in year 5 for clinical rotations, based at hospital.

Placement/Work Based Learning

BVSc Veterinary Science - clinical rotations
Faculty of Health Sciences
School of Veterinary Sciences
UG People’s Dispensary for Sick Animals - FEDA (Bristol, Cardiff and Plymouth) Services Agreement for delivery of clinical teaching and assessment in year 5 for clinical rotations, with placements at the Bristol, Cardiff and Plymouth sites.

Placement/Work Based Learning

BVSc Veterinary Science - Extra-Mural Studies
Faculty of Health Sciences
School of Veterinary Sciences
UG Various RCVS-registered veterinary practices Extra-Mural Studies are an RCVS- required component of the BVSc programme. Students spend 38 weeks across Years 3-5 on farms and in veterinary establishments.

Placement/Work Based Learning

BSc Veterinary Nursing and Biotechnology Science (BNIB) - clinical practice
Faculty of Health Sciences
School of Veterinary Sciences
UG Various RCVS-registered veterinary practices Students spend more than 30 weeks in Years 2 and 3 at participating private practices undertaking clinical practice.

Placement/Work Based Learning

BDS Dental Surgery
Faculty of Health Sciences
School of Dentistry & Oral Health Sciences
UG University Hospitals Bristol NHS Foundation Trust - Bristol Dental Hospital /South Bristol Community Hospital BDS students undertake clinical training in the Dental Hospital clinics and in the community-based South Bristol Community Hospital teaching facility.

Placement/Work Based Learning

BDS Dental Surgery - Human Disease Unit
Faculty of Health Sciences
School of Dentistry & Oral Health Sciences
UG North Bristol NHS Trust, Weston Area Health NHS Trust For the Human Disease Unit in Year 2 of the programme, students undertake placements at Weston Hospital and at Weston General Hospital.

Placement/Work Based Learning

BDS Dental Surgery - practice placement
Faculty of Health Sciences
School of Dentistry & Oral Health Sciences
UG Charlotte Keel Medical Practice, Bristol (University Hospitals Bristol NHS Foundation Trust) Every BDS student spends a week at Charlotte Keel to gain paediatric dentistry experience as part of their rotation programme. During the course many of the students will spend a second week at Charlotte Keel.

Placement/Work Based Learning

BDS Dental Surgery - Electives
Faculty of Health Sciences
School of Dentistry & Oral Health Sciences
UG Various dental practices Undergraduate dentistry students undertake electives at the end of Year 4 as a mandatory part of the programme.

Placement/Work Based Learning

MSc in Dental Implantology
Faculty of Health Sciences
School of Dentistry & Oral Health Sciences
PGT The Dental Implant Clinic, Bath The MSc programme involves two clinical placement units where students are based at the practice treating patients. Clinics staff deliver clinical teaching and contribute to assessment.

Placement/Work Based Learning

DGS Orthodontics
Faculty of Health Sciences
School of Dentistry & Oral Health Sciences
PGT Local District General Hospitals Clinical teaching on the DDS is delivered in local hospital settings. Academic teaching and research supervision is provided by Bristol.

Placement/Work Based Learning

BSc Biochemistry with Study in Industry
Faculty of Biological Sciences
School of Biochemistry
UG Range of research institutes and pharmaceutical and other companies. Partners include: Sanger Centre and EMBL Grenoble Students undertake nine-month industrial placements at partner organisations between their second and final years of study. The student is an employee of the company during that period, undertaking a research project under the guidance of an industrial supervisor with oversight by the School in Year 4, Industry Coordinator at Bristol.

Placement/Work Based Learning

BSc with Study in Industry programmes in Cellular and Molecular Medicine - Industrial Placement Unit
Faculty of Biomedical Sciences
School of Cellular and Molecular Medicine
UG Various pharmaceutical and biotech companies and research institutions. Partners include: Medical Research Council Laboratory, the Gamble/Defence Science and Technology Laboratory at Porton Down/European Molecular Biology Laboratory, Grenoble, France; National Institute for Medical Research, Keio University School of Medicine, Japan; VLSI-Boot, Bristol Industrial Placement Unit taken in Year 3 of the following BSc with Study in Industry programmes: Cancer Biology and Immunology; Cellular and Molecular Medicine; Medical Microbiology; Pathology and Microbiology; Virology and Immunology. Students have an industrial supervisor who contributes some marks towards the total unit assessment.

Placement/Work Based Learning

MSc with Study in Industry programmes in Physiology and Pharmacology
Faculty of Biomedical Sciences
School of Physiology and Pharmacology
UG Various industrial placement providers. Partners include: AstraZeneca, Eisai, Eli Lilly, GlaxoSmithKline, Heptares, Janssen-Belgium, Novartis, Optimal, Performance, Pfizer, Ote Hag, Rebin Pharma, Takeda, UCB Celltech, Vertex, Xenon Industrial placements in Year 2 of the following MSc with Study in Industry programmes: Physiological Science, Pharmacology, Neuroscience. Students have an industrial supervisor who contributes some marks towards the total dissertation assessment.

Placement/Work Based Learning

MSc with Chemical Physics with Industrial Experience / Chemistry with Industrial Experience
Faculty of Science
School of Chemistry
UG Various industrial placement providers. Partners include: Ascent, Asure, AstraZeneca, Ayere, Magaz, GlaxoSmithKline, Teagasc, Cradoc, Johnson Matthey, Boshou, Merck, Eastman, Dyocson, Ludor, Bayecorp Science Programmes with a formal period of study in industry. Industrial placements are arranged by the School and jointly supervised by a member of School academic staff and a project leader in the industrial company.

Placement/Work Based Learning

BSc/MSc Physics with Industrial Experience
Faculty of Science
School of Physics
UG Various host organisations. Current partners include: Defence Science and Technology Laboratory (DSTL), MBDA Missile Systems, German Aerospace Centre (DLR), Rutherford Appleton Laboratory, Rolls-Royce, Mercil Group Programmes with a formal period of study in industry. Industrial placements are arranged by the School and jointly supervised by a member of School academic staff and a project leader in the industrial company.

Placement/Work Based Learning

Initial Teacher Training - Postgraduate Certificate in Education (PGCE): School Direct
Faculty of Social Sciences & Law
Graduate School of Education
PGT Various Local Schools Local school partners provide placements. PGCE students undertake placements in two schools during the year as a requirement of the programme.

Placement/Work Based Learning

Initial Teacher Training - Postgraduate Certificate in Education (PGCE): School Direct
Faculty of Social Sciences & Law
Graduate School of Education
PGT Various Local Schools Under the School Direct scheme, local school partners recruit trainee teachers who undertake the PGCE teacher training programme delivered and assessed by Bristol.

Placement/Work Based Learning

MSc Social Work
Faculty of Social Sciences & Law
School for Policy Studies
PGT Various local authorities, voluntary, and independent sector providers, mainly in the South West of England. The main placement providers are: Bristol City Council; North Somerset Council; Somerset County Council; South Gloucestershire Council; Gloucester County Council. Work placement provision for social work students, who undertake two extended periods of supervised practice with a social work agency.

Placement/Work Based Learning

MSc/PG Dip/PG Cert in Advanced Social Work with Children and Families; Graduate Diploma in Social Work with Children and Young People
Faculty of Social Sciences & Law
School for Policy Studies
PGT Current partners include: Bristol City Council, Bath and North East Somerset Council; North Somerset Council; South Gloucestershire Council; Somerset County Council. Students are employees of children’s services departments. The programme provides continuing professional education for registered social workers and includes an element of assessment of practice in the workplace. (The Graduate Diploma programme is being taught out. The MSc is the successor programme offered since 2013-14).
Doctor of Educational Psychology (D. Ed. Psy.)

Faculty of Social Sciences & Law
School for Policy Studies

Full-time

Current partners include: Bristol City Council; Bath and North-East Somerset Council; North Somerset Council; Somerset County Council; South Gloucestershire Council; Gloucestershire County Council; Wiltshire County Council; Bridges for Learning.

Work placement provision for educational psychology doctoral students. The D.Ed.Psy involves supervised fieldwork placements in a variety of settings in year 1, followed by an extensive placement in a psychology service in years 2 and 3.

Chemistry Open Plus collaborative scheme

Faculty of Science
School of Chemistry

The Open University (OU), UK

Memorandum of Agreement relating to the OpenPlus scheme. OU students studying agreed courses at the OU in their first two years can apply to join the BSc Chemistry programme at Bristol in Year 2 and complete the degree in 2 years full-time.
Study Abroad and Student Exchange

Current information on the University's study abroad / exchange arrangements and partners is available on the International Office website at:

http://www.bristol.ac.uk/international-office/year-abroad/study/options.html
### Doctoral Training Entities (DTEs) - Bristol only DTEs with associate partners

<table>
<thead>
<tr>
<th>Category</th>
<th>Title</th>
<th>Faculty</th>
<th>Partner institution(s)</th>
<th>Nature of Arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTEs</td>
<td>Centre for Doctoral Training in Advanced Compartes for Innovation and Systems (EPSRC)</td>
<td>Faculty of Engineering</td>
<td>No HEI partners. Range of industrial partners. Current partners include: Rolls Royce, Airbus, BMW, BAE Systems, Arup, Embraer.</td>
<td>4-year Advanced Composites PhD programme with first year taught component. The CDT has various industrial partners, giving students the opportunity to undertake industry-focused research projects with academic and industrial supervision.</td>
</tr>
<tr>
<td>DTEs</td>
<td>Centre for Doctoral Training in Communications and Future Internet Innovations (EPSRC)</td>
<td>Faculty of Engineering</td>
<td>No HEI partners. Range of industrial partners. Industry partners include: ADVA, AG Optical Networking, BT Group, GCHQ, iVendia, Roke Manor Research Ltd, Toshiba, BAE Systems, Thales, Research and Technology UK Ltd, mHCS, NEC, Telesfor MODUL Ltd, IBM, IHSIIC, Imaginatons Technologies Ltd, Ofcom, u-blox UK Ltd, Toshiba, BAE, BKC, Ofcom, UBS, NEC, Jaguar Landrrew, GCHQ, Thales, National Instruments/Keypad, Rohde &amp; Schwarz</td>
<td>6-year Communications PhD programme with first year taught component. Opportunities are available to undertake research projects with industrial partners.</td>
</tr>
<tr>
<td>DTEs</td>
<td>Centre for Doctoral Training in Quantum Engineering (EPSRC)</td>
<td>Faculty of Engineering</td>
<td>No HEI partners. Range of industrial partners. Current partners include: BAE Systems, Defence Science and Technology Laboratory (DSTL), UKR-Wave Systems, Google, Heilbronn Institute for Mathematical Research, Hewlett-Packard, IBM, IC Quantique, Micrsoft, NASA, National Institute of Information and Communications Technology (NICT), Japan, National Institute of Informatics (NII), Japan, National Physical Laboratory (NPL), J. UK, Dicom, QuintessenceKalis, Sandia National Laboratories, Single Quantum BV, Marie-Curie training network in quantum electrodynamics (CCQED)</td>
<td>6-year Quantum Engineering PhD programme. Industrial partners deliver some industrial seminars and lectures in Years 1 and 2 and offer opportunities for industrial secondments and access to industry-focused research projects.</td>
</tr>
<tr>
<td>DTEs</td>
<td>Bristol Centre for Complexity Sciences - ACCIS (EPSRC)</td>
<td>Faculty of Engineering</td>
<td>University of Exeter, University of Bath, Cardiff University</td>
<td>3-year Complexity Sciences PhD programme (no longer recruiting to the 4-year EPSRC-funded PhD programme).</td>
</tr>
<tr>
<td>DTEs</td>
<td>Bristol Centre for Functional Nermomaterials (UoB) Centre for Doctoral Training</td>
<td>Faculty of Science</td>
<td>Imperial College London, University of Strathclyde, University of Nottingham, University of Warwick, University of Manchester</td>
<td>4-year Functional Nermomaterials PhD programme. This involves Industrial Training Modules with regular Industrial Visiting Lecturers from companies and opportunities for research projects in association with an industrial partner.</td>
</tr>
<tr>
<td>DTEs</td>
<td>Welcome Trust FNI Neural Dynamics</td>
<td>Faculty of Biomedical Sciences, Faculty of Engineering, Faculty of Health Sciences</td>
<td>No HEI partners.</td>
<td>4-year Functional Neuroimaging PhD programme. The programme will involve an additional year of Research Training and a 3-year structure. The aim of the first year of the programme is to equip students with a broad knowledge base, to enable them to make an informed choice about their PhD research project, and to build a strong sense of group identity. The first year involves four taught units, lab visits, ideas workshop sessions, two research project rotations, each lasting four months, a mini-project, a weekly forum and tutorials, and a wide choice of seminars, lectures and journal clubs. During the second year, students continue to participate in the weekly forum and tutorial sessions, along with opportunities to prepare for their future careers.</td>
</tr>
<tr>
<td>DTEs</td>
<td>Welcome Trust FNI Dynamic Molecular Cardiology</td>
<td>Faculty of Biomedical Sciences</td>
<td>No HEI partners.</td>
<td>The Programme will follow a 1+3 structure, with students studying a range of research topics and associated techniques, with different supervisors, in the 1st year. For the remaining 3 years of their PhD students join a single laboratory.</td>
</tr>
<tr>
<td>DTEs</td>
<td>Welcome Trust FNI Molecular, Genetic and Lifecourse Epidemiology</td>
<td>Faculty of Health Sciences</td>
<td>No HEI partners.</td>
<td>The students will spend 4 years immersed in a highly collaborative, supportive, multidisciplinary environment that fosters intellectual development and independence. The proposed programme will continue as the well-established and successful 4-year PhD programme involving a 1+3 structure. The first foundation year will involve a rotation of three mini-projects, each lasting four months, a mini-project, a weekly forum and tutorials, and a wide choice of seminars, lectures and journal clubs. During the subsequent three years (focused on the PhD), the students continue to participate in the weekly forum and tutorial sessions, along with opportunities to prepare for their future careers.</td>
</tr>
</tbody>
</table>

University of Bristol Partnerships Register

The following lists the University's educational collaborative arrangements of the type indicated. This information is regularly reviewed and updated. The Register published online represents a snapshot of current activity.
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### Collaborative Research Degrees (Bristol Award)

<table>
<thead>
<tr>
<th>Category (Bristol Award)</th>
<th>Title</th>
<th>Faculty</th>
<th>School/Department</th>
<th>Partner Institution(s)</th>
<th>Nature of Arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collaborative PhD</td>
<td>EURUSTAST - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Arts</td>
<td>Department of Archaeology &amp; Anthropology</td>
<td>University of Copenhagen, Denmark; Université Paul Sabatier, Toulouse; CNRS, Paris; University of York; University of Porto; SMARC, Saint Martin; University of Recklinghaus University of Lille, Lille; University Santander de Compostela, Spain; University of Southampton; DeCode Genetics, Reykjavik</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by the University of Copenhagen, the EURUSTAST project supports 12 PhD researchers in total with secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>Archeology &amp; Anthropology PhD</td>
<td>Faculty of Arts</td>
<td>Department of Archaeology &amp; Anthropology</td>
<td>University of Southampton, UK</td>
<td>Co-supervision of research student by academic supervisors from Bristol and Southampton. Bristol is the degree-awarding body.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>Archeology &amp; Anthropology PhD</td>
<td>Faculty of Arts</td>
<td>Department of Archaeology &amp; Anthropology</td>
<td>University of Bordeaux, France</td>
<td>Co-supervision of research student by academic supervisors from Bristol and Bordeaux. Bristol is the degree-awarding body.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>Drama PhD</td>
<td>Faculty of Arts</td>
<td>Department of Theatre</td>
<td>University of the West of England (UWE), UK</td>
<td>Co-supervision of research student by academic supervisors from Bristol and UWE. Bristol is the degree-awarding body.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>Arts, Humanities and Modern Languages PhDs</td>
<td>Faculty of Arts</td>
<td>University of Exeter, University of Bath, Cardiff University</td>
<td>A range of partners: Current partners include: National Portrait Gallery, London; The British Library, London</td>
<td>AHEE Collaborative Doctoral Awards. Time is spent carrying out research at the partner organisation which provides work-based supervision, support and resources. Bristol provides academic supervision and is the degree-awarding body.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>SheMelt - Self Healing Materials Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Engineering</td>
<td>Imperial College London, University of Strathclyde, University of Nottingham, University of Warwick, University of Manchester</td>
<td>Fraunhofer Institute for Environmental, Safety and Energy Technology, Germany; Delft University of Technology, Netherlands; Ecole polytechnique fédérale de Lausanne, Switzerland; École Supérieure de Physique et de Chimie Industrielle, France; Gent University, Belgium; University of Freiburg, Germany; Awecom, Belgium; GET Germany</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by the Fraunhofer Institute, the SheMelt project offers 12 PhD researchers placements across the network. Bristol will host one PhD who will spend their placement at Proctor &amp; Gamble (BEL).</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>AUPIS - Aircraft Loads Prediction using Enhanced Simulation - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Engineering</td>
<td>Department of Aerospace Engineering</td>
<td>Siemens (LMS International), Belgium; Airbus (UK/France);</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Bristol, the AUPIS project is a European Industrial Doctorate (EID) arrangement involving 5 PhD researchers, registered at Bristol, who spend time on placement at Siemens and at Airbus. Bristol awards the doctoral degrees.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>BOCLEAN - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Science</td>
<td>Chemistry</td>
<td>Procter &amp; Gamble Technical Centres Limited (UK), Imperial College Of Science Technology And Medicine, The University Of Birmingham, Katholieke Universiteit Leuven (Bel), Consorzio Internazionale Per Lo Studio Del Sistema A Grande Interfase (Ita), Universitaet Garm (Bel), Fraunhofer Gesellschaft Zur Förderung Der Angewandten Forschung (Ger), Procter &amp; Gamble Services Company NV (Bel)</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Procter &amp; Gamble (BEL). BOCLEAN runs from 1 Oct 2016 to 30 Sept 2020.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>DNAREPAIRMAN - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Biomedical Sciences</td>
<td>Biopharmacy</td>
<td>Erasmus Universit Medical Centrum Rotterdam (NL), Stichting Het Nederlands Kantor Instituut-Antoni Van Leeuwenhoek-Dierk (NL), Justus-Liebig-Universitat Giessen (Ger), Centro Interdisciplinare Ricerche Scientifique (Ita), Medical Research Council (UK), Fulumybrid Sp. Z O.D. (Pol), Epiosca S (Fra)</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by DRAGOSIS this project offers 12 PhD researchers placements across the network. Bristol will host two PhDs who will spend their placement at Erasmus Medical Center and Justus-Liebig-Universit. DNAREPAIRMAN runs from 1 Oct 2016 to 30 Sept 2020.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>ENACTING - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Health Sciences</td>
<td>Veal school</td>
<td>Agency Estatal Consejo Superior De Investigaciones Cientificas (Spa), Albert-Ludwigs-Universitat Freiburg (Ger), Universiteit Leiden (Nl), Medizinische Universiteit Wien (Aust), Technische Universiteit Wien (Aust), Sony Dada Austria (Aust), Fundacion Para La Investigacion Medica Aplicada Fpma (Spa), Universitat Of Bristol (UK), Universitatkinsloum Wuerzburg - Einfahm, Der Bayerischen Julius-Maximiliansuniversit (Ger), Cellular Therapeutics (UK), Scopos (Spa)</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training (ITN). Coordinated by AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS this project offers 10 PhD researchers placements across the network. Bristol will host one PhD who will spend their placement at Leiden University Medical Center, Technical University Vienna and Cellular Therapeutics. It will also run a 4 day training course. EN_ACTING runs from 1 Oct 2016 to 30 Sept 2020.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>CARIS - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Science</td>
<td>Vap Psychology</td>
<td>Yale University-Amsterdam Medical Center (Ita), King's College London, Goedborghs Universitat (Swiss), Erasmus Universitat Medisch Centrum Rotterdam (NL), Karolinka Instituat (Swe), Universitat Twente (Nl), Universitat Degli Studi Di Catania (Ita), Imperial College Of Science Technology And Medicine, Jarention (Swe)</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training (ITN). Coordinated by Vrije University Amsterdam Medical Center this project offers 12 PhD researchers placements across the network. Bristol will host 2 PhDs who will spend their placements at ERASMUS UNIVERSIT AIR MEDICENTRUM ROTTERDAM - CARIS runs from 1 Oct 2016 to 30 Sept 2020.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>QUIKS - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Engineering</td>
<td>Department of Civil Engineering</td>
<td>University of Sheffield, TECHNISCHE UNIVERSITAT DEUT, Netherlands; Nationale Group Limited, UK; WAGENSINGEN UNIVERSITET, Netherlands; ASTIG-LEIBS- UNIVERSITETET GOTTEN, Germany; UNIVERSIDADE DE COMOBRA, Portugal; LUXEMBURG INSTITUTE OF SCIENCE AND TECHNOLOGY, Luxembourg; EUGENESIOIS ANISTIC FTEUER WASSERVERSIOE NG ABWASSERESTUNG UND GEWAESSER SCHUTZ, Switzerland</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by the University of Sheffield.</td>
</tr>
<tr>
<td>Collaborative PhD</td>
<td>CRYPTO NET - Marie Curie ITN (Innovative Training Network)</td>
<td>Faculty of Engineering</td>
<td>Department of Computer Science</td>
<td>Katholieke Universiteit Leuven, Belgium; Escola Normale Superioris, France; Ruh- Universitstart Beckum, Germany; Royal Holloway; And Bedford New College; Cryptoanipsas Sue, France; Np Semiconductors Belguum Nl, Belgium; Technische Universiteit Eindhoven, Netherlands</td>
<td>ITN bringing together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by KATHOLIEKE UNIVERSITEIT LEUVEN, Belgium,</td>
</tr>
</tbody>
</table>

Industrial CASE (Cooperative Awards in Science & Technology) EPSRC awards for Engineering research students. The industrial partner provides industrial co-supervision, hosting and access to facilities. Bristol provides academic supervision and is the awarding body.


Industrial Studentship agreements. The industrial partner provides hosting, support and access to facilities. Bristol provides academic supervision and is the awarding body.

Collaborative PhD PREVISION - Marie Curie ITN (Innovative Training Network) Faculty of Engineering Department of Engineering Electronic Engineering Fraunhofer Heinrich Hertz-Institut, Germany; BBC, BT/RHachten, Germany; Universidade de Nantes, France

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by the Fraunhofer Institute, the PREVISION project involves secondment arrangements between partner organisations for researchers. Bristol makes the award for its registered PhD students.

Collaborative PhD PATHCHOOSER - Marie Curie ITN (Innovative Training Network) Faculty of Health Sciences School of Clinical Sciences University College of Dublin, Ireland; University of Southern-Denmark (Syddanmark Universitet); Helmholz Centre for Infestation Research; Germany; Kings College London; University of Manchester; L.P.O. P.S. ASIS R&D Ltd; Cyprus; Max Planck Society, Germany; AvantiCell Science Ltd, UK

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by UC Dublin, the project involves secondment arrangements between partner organisations for researchers. Bristol makes the award for its registered PhD students.

Collaborative PhD Oral and Dental Science PhD Faculty of Health Sciences School of Oral & Dental Sciences Peptide Protein Research, UK

BBSRC CASE collaborative award. The company partner provides industrial co-supervision, hosting and access to facilities. Bristol provides academic supervision and is the awarding body.

Collaborative PhD RELVANCE - Regulation of red cell life, erythropoiesis, survival, senescence and clearance ITN (Innovative Training Network) Faculty of Science School of Biochemistry Universiteit Zuerich, Switzerland; Universiteit van Zuid-Afrika, South Africa; Università degli studi di Pavia, Italy, Stichting Samen BW Industrial Training, The Netherlands; Universiteit Middelburg Cenbtre Protocoet- Netherland, Netherland; Consorzio Istituto di Investigazioni Biomediche Augusto Pi Zdem; Spain; Institut National de la Sante et de la Recherche Medicale, Centre National de la Recherche Scientifique, Sainte Anne ARS, France; Egeum Ltd, Nationen Technologies GmbH; Eotvos Ludovici Ap, HEBIT GmbH, European Research and Project Office GmbH

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by the University of Zürich, the project supports 15 PhD researchers in total, with secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD Biological Sciences PhDs Faculty of Science School of Biological Sciences A range of partner organisations. Current partners include: Forestry Commission, New Phytophlog Law, North York Research Station, Rothamsted, Royal Botanic Gardens, Grim, Somemore Wildlife Trust; UK Air Force; Zoological Society of London Institute of Zoology.

CASE collaborative awards and other studentship agreements where the partner organisation provides co-supervision mentoring, hosting and access to facilities. Bristol provides academic supervision and is the awarding body.

Collaborative PhD Chemistry PhD Faculty of Science School of Chemistry University; Barcelona Supercomputing Centre, Spain; Haskoli Islands, Iceland; Instituto Nazionale di Geofisica e Vulcanologia (INGV), Italy; University College London. Inetlstitut de lmanageur Biomedica Augustine Pi Zdem, Spain; INRA, France; INRT, France; INRT, France; INRT, France.

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by UC Dublin, the project involves secondment arrangements between partner organisations for researchers. Bristol makes the award for its registered PhD students.

Collaborative PhD NANO - Marie Curie ITN (Innovative Training Network) Faculty of Science School of Chemistry E.U. University Budapest, Hungary; University of Oslo, Norway; The Norwegian Research Council, Norway; Centre National de la Recherche Scientifique, France; King George Tellers Higalas, Sweden; Aarhus University, Denmark; University of Durham; Procter & Gamble Technical Centre Ltd.

CASE collaborative awards and other studentship agreements where the partner organisation provides co-supervision mentoring, hosting and access to facilities. Bristol provides academic supervision and is the awarding body.

Collaborative PhD SUSPECTS (Sustainable use of Phosphorus) - Marie Curie ITN (Innovative Training Network) Faculty of Science School of Earth Sciences Arkmna, France; Italian National Research Council (CNR); CNRS - Ecole Superieure de Technologie, France; CNRS - Universite de Poitiers, France; Estonian University of Science and Technology, Estonia; Universiteit Leiden, Germany; Vrije Universiteit Amsterdam, Netherlands

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by ELTE University Budapest, the project involves secondment arrangements between partner organisations for researchers. Bristol makes the award for its registered PhD students.

Collaborative PhD NEMOH (Numerical, Experimental and stochastic Modelling of KECCs processes and Hazard) - Marie Curie ITN (Innovative Training Network) Faculty of Science School of Earth Sciences Instituto Nacional de Geofisica y Volcanologia (INGV), Italy; University College Dublin, Ireland; Ludwig Maximilians Universitat Munchen, Germany; Lancaster University; Barcelona Supercomputing Centre, Spain; Naisaki Islands; Iceland; Bureau de Recherches Geologiques et Mines, France; Universite de Genfve, Sceancier

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by INGV, Italy, the project involves secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD CREP - Marie Curie ITN (Innovative Training Network) Faculty of Science School of Earth Sciences Centre National De La Recherche Scientifique, France; Westfaelische Wilhelms- Universitat Munster, Germany; Johannes Gutenberg Universitat Mainz, Germany; Universiteit Utrecht, Netherlands; Universiteit Utrecht, Netherlands; Universiteit Utrecht, Netherlands; Universiteit Utrecht, Netherlands; Universiteit Utrecht, Netherlands

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by CENTRE NATIONALE DE LA RECHERCHE SCIENTIFIQUE, France.

Collaborative PhD GEO - Marie Curie ITN (Innovative Training Network) Faculty of Science School of Earth Sciences E.C. University, France; University of Nevada; University of Neuchatel, Switzerland; German Research Centre for Geosciences (GFZ) German Research Centre for Geosciences; University of Missouri, Columbia; Institute of Biology Bucharest, Romania; Institute of Biology Bucharest, Romania

CASE collaborative awards (INBS) for PhD students. The partner organisation provides co-supervision mentoring, hosting and access to facilities. Bristol provides academic supervision and is the awarding body.

Collaborative PhD MERCARTIC (Microorganisms in Warming Arctic Environments) - ITN (Innovative Training Network) Faculty of Science School of Geographical Sciences Litol Centralia de Lyon (ECI), France; University of Helsinki; University of Halle-Wittenberg, Germany; University of Innsbruck, Austria; German Research Centre for Geosciences (GFZ); German Research Centre for Geosciences; University of Umea, Sweden; University of Umea, Sweden; University of Umea, Sweden

ITNs bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by University of Bristol, the project supports 15 PhD researchers in total, with secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.
Collaborative PhD
SYSTEMS-RISK (Large-Scale Systems Approach to Flood Risk Assessment and co-supervision) - ITN (Innovative Training Network)
Faculty of Science
School of Geographical Sciences
Institute of Risk Management (IoR); University of Birmingham, UK; University of Trento, Italy; Norwegian University of Science and Technology, Norway; Delft University of Technology, The Netherlands; Universitat Politècnica de Catalunya, Spain; University of Blacksburg, USA; University of Ljubljana, Slovenia; Technical University of Delft, The Netherlands; King’s College London, UK; The University of Manchester, UK; University of Strathclyde, UK; University of Twente, The Netherlands
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by IoR, the project supports 15 PhD researchers in total, with secondment and co-supervision arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD
MEDGATE - Marie Curie ITN (Innovative Training Network)
Faculty of Science
School of Geographical Sciences
University of Glasgow; University of Oxford; University of Ljubljana, Slovenia; University of Milan, Italy; University of Oslo, Norway; University of Rome Sapienza, Italy; University of Paris-Sud, France; University of Bremen, Germany; University of Strathclyde, UK; University of Twente, The Netherlands; University of Ljubljana, Slovenia; University of Twente, The Netherlands; University of Bremen, Germany
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Bristol, MEDGATE supports 9 PhD students with co-supervision and secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD
C-CASCADES - Marie Curie ITN (Innovative Training Network)
Faculty of Science
School of Geographical Sciences
Université Libre de Bruxelles, Belgium; University of Exeter, UK; Centre National de la Recherche Scientifique, France; Centros System & Solutions, SMM, Germany; STICHTING DELTAORE, Netherlands; MAI PLANKE GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., Germany; Upsala University, Sweden
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Bristol, C-Cascades (Carbon Cascades from Land to Ocean), coordinated by Université Libre de Bruxelles, Belgium

Collaborative PhD
PRIDE - Marie Curie ITN (Innovative Training Network)
Faculty of Science
School of Geographical Sciences
STICHTING NATURALIS BIODIVERSITY CENTER, Netherlands; JUSTUS-LEIBIG-UNIVERSITAT GIessen, Germany; SEDZUS NATIONAL DE STORE NATURALA DRIORE ANTRAP, Romania; EZLUniversitat Urketh, Netherlands; Girona, Catalonia, Spain; Brunel University London, UK; University of Reading; UNIVERSITATEA DIN BUCURESTI, Romania; UNIVERSITAT BREMEN, Germany
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Bristol, MEDGATE supports 9 PhD students with co-supervision and secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD
Physical Geography PhDs
Faculty of Science
School of Geographical Science
A range of partners. Current partners include: USCC, New Natural History Museum
The partner organisation provides hosting, support and resources for doctoral students. Bristol provides academic supervision and is the awarding body.

Collaborative PhD
PICQUE (Photonic Integrated Compound Quantum Encodings)- Marie Curie ITN (Innovative Training Network)
Faculty of Science
School of Physics
University of Rome Sapienza, Italy; University Of Oxford, University of Paderborn, Germany; CNRS, France; University of Jena, Germany; University of Vienna, Austria; Eindhoven University of Technology, Netherlands; CNR, Italy; Toshiba Research Europe
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Rome-Sapienza, PICQUE supports 11 PhD researchers in total, with secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD
Physics PhDs
Faculty of Science
School of Physics
A range of partners. Current partners include: National Physical Laboratory (NPL), National Physical Laboratory, London, UK; National Physical Laboratory, London; National Nuclear Laboratory (NNL), Atomic Weapons Establishment (AWE), Australia; Bell Labs, USA; Center for Nanostructured Materials, University of Oxford; Centre National de la Recherche Scientifique, France; Collaborative MSc
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Bristol, MEDGATE supports 9 PhD students with co-supervision and secondment arrangements between partner organisations. Bristol makes the award for its registered PhD students.

Collaborative PhD
Psychology PhD
Faculty of Science
School of Experimental Psychology
Current partners include: Cambridge Cognition
PHD studentship where the partner organisation provides hosting, support and resources. Bristol provides academic supervision and is the awarding body.

Collaborative PhD
UNIKE (Univeristies in the Knowledge Economy) - Marie Curie ITN (Innovative Training Network)
Faculty of Social Sciences & Law
Graduate School of Education
Aarhus University, Denmark; ENS Lyon, France; Ludwig University, Slovenia; Bournemouth University, UK; Porto University, Portugal
These bring together universities, research centres and companies across EU or associated countries to deliver collaborative doctoral training. Coordinated by Aarhus, UNIKE supports doctoral researchers who access training and mentoring across the network. Bristol makes the award for its registered PhD students.

Collaborative PhD
Social Sciences and Law PhDs
Faculty of Social Sciences & Law
Graduate School of Social Sciences & Law
Current partners include: Aeon & Somerset Police; Barclays Bank; Charities Aid Foundation; Knowledge West Media Centre; National Association Citizens Advice; New Philanthropy Capital; Sidcot School; Aeon; SouthWest Forum; StAnWorh, London.
PHD studentships where the partner organisation provides hosting, support and resources. Bristol provides academic supervision and is the awarding body.

Collaborative PhD
PhD with co-supervision
RIAN (Natural History Museum) with co-supervision
Faculty of Earth Science
School of Earth Science
Natural History Museum
PHD student spending no more than 1 month each year studying specimens at the Natural History Museum (NHM), under the supervision of a member of staff from the NHM. Bristol is the awarding body.

Collaborative PhD
Condensed Matter Physics PhD
Faculty of Physics
School of Physics
Radboud University
PHD student spending 14 months at Radboud University to undertake research. The student will be supervised by 168 staff while in Radboud. Bristol is the awarding body.

Collaborative MSc by Research - Anti Doping Lab Qatar
Faculty of Biomedical Sciences
School of Health and Molecular Medicine
Anti Doping Lab Qatar
The Faculty will provide 2 or 3 academically qualified individuals from ADLQ an opportunity to pursue an MSc by Research, awarded by the University of Bristol. The students would carry out their research as MSc by Research, awarded by the University of Bristol.

Collaborative PhD
Faculty of Social Sciences & Law
Graduate School of Social Sciences & Law
Current partners include: Aeon & Somerset Police; Barclays Bank; Charities Aid Foundation; Knowledge West Media Centre; National Association Citizens Advice; New Philanthropy Capital; Sidcot School; Aeon; SouthWest Forum; StAnWorh, London.
PHD studentships where the partner organisation provides hosting, support and resources. Bristol provides academic supervision and is the awarding body.