PhD Programme in Science, Technology and Innovation Policy
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Carry out advanced training to develop ground-breaking research in the governance of science, technology and innovation (STIP).

The programme is hosted by the Manchester Institute of Innovation Research (MIoIR), a world-leading centre of excellence in the study of science, technology and innovation policy and management.

Research focus

Our PhD students focus on the role and effects of public policy for science, technology and innovation. Themes include:

- Assessment and governance of emerging technologies
- Responsibility in research and innovation
- Managing and measuring policy
- Knowledge production, innovation, technology deployment, and user engagement
- Roles of universities, public research centres, and other organisations in science and innovation
- Evaluation, foresight and strategic intelligence in science, technology and innovation policy.

You may also look at the wider governance of science, technology and innovation. This includes how societal, economic and state factors interact to shape the production of scientific knowledge and new technologies; the generation, diffusion and use of innovations; and the development of socio-technical systems.

The focus on governance and policy offers unique opportunities to link your research to the work of senior colleagues in other faculties at The University of Manchester. You have opportunities to address challenges for research and innovation in emerging technologies to meet key ethical, societal, and sustainability challenges.

Programme Structure

Year 1:
You acquire key theoretical and methodological skills through a series of compulsory courses, plus additional electives designed to enhance understanding in novel methods and specifically tailored content around science, technology and innovation policy and governance.

Courses include:
- Research Process
- Research in Science Technology and Innovation
- Advanced Topics in Science, Technology and Innovation Policy
- Advanced Research in Science, Technology and Innovation Policy
- Epistemology
- The Craft of Fieldwork: Method, Text and Writing

You can also choose elective courses and workshops in advanced research methods including: action research, case study research, NVivo, elite interviewing, meta-analysis, mixed methods and advanced survey design.

Years 2 and 3:
- Focus on dissertation research, analysis and writing under the guidance of supervisors
- Participate in STIP seminars and the activities of MIoIR
- Presentation and job market skills training
- Present your work at conferences.

Career opportunities

The programme prepares you for a research career in academia or for opportunities in business, government, and non-profit organisations.

Who should apply?

Entry is competitive; therefore we seek applicants with high motivation, strong qualifications and the potential to undertake advanced research.

We look for applications from those with diverse backgrounds, including public policy and politics, science studies, social science, management and economics, science and engineering, information technology, health and life sciences, and environmental studies.

Applicants are expected to hold a relevant masters’ degree (typically averaging above 65% with a strong performance in any dissertation component) from an institution equivalent to Alliance Manchester Business School. Applicants without a Masters or from non-standard backgrounds may apply for the MRes + PhD route.

For full entry details visit: www.mbs.ac.uk/phd/programme-overview/entry-requirements

Studentships

Alliance Manchester Business School offers a significant number of fully-funded PhD studentships to outstanding candidates wishing to commence their PhD studies at Alliance Manchester Business School in September 2017.

These include EPSRC scholarships, ESRC scholarships through the North West Social Science Doctoral Training Partnership (http://www.nwdtc.ac.uk), University of Manchester Presidential Doctoral scholarships, Faculty of Humanities scholarships, Alliance Manchester Business School scholarships and the China Scholarship Council.

The Manchester Institute of Innovation Research

The Institute is a world leading centre for the study of science and innovation policy and management. Our 45 members of staff and 50 doctoral students build on more than five decades of interdisciplinary science, technology and innovation studies in Manchester. Research, teaching and engagement activities are based upon a guiding principle of excellence, both in terms of academic rigour and societal relevance.
Established in 1965, the School has a global reputation for innovative and influential teaching and research, which impacts business on a local, national and international level. We call this Original Thinking Applied.

2nd in the UK for research power
(REF 2014)

4th in the UK for depth and breadth of research**

6 international centres: Dubai, Hong Kong, Manchester, São Paulo, Shanghai and Singapore

3 international accreditations

Part of 1% of business schools to achieve this

The University of Manchester is the UK’s largest campus university, and enjoys a reputation for pioneering research and innovation. We are located in the heart of Manchester, the 2016 European City of Science, a world-class city that shares our pioneering, boundless spirit and enjoys a dynamic business and cultural environment. With 154 nationalities represented on campus, and with partners and activities around the world, we are a truly global university.

Discover more
http://www.research.mbs.ac.uk/innovation/Study/Postgraduate-research

Contact the Doctoral Programmes Office at mbs-pgresearch@manchester.ac.uk

Apply at www.mbs.ac.uk/phd