

WARWICK MARSHALL SCHOLARSHIP

Further Information Provided by the University of Warwick

Warwick in Research Assessment Exercise

Once every five or six years, all 160+ universities in the United Kingdom undergo a national Research Assessment Exercise (RAE), in which their research outputs and culture are subject to expert peer review in each major subject area. The latest such exercise was completed early in 2009, and this confirmed the University of Warwick position's as one of the country's leading research universities, ranked 7th overall amongst multi-faculty institutions and, with the University of Manchester, the top rated universities outside London, Oxford and Cambridge.

Nineteen of Warwick's academic departments were ranked within the top 10 nationally in their subject areas. These included:

Film and Television Studies 1st
Warwick Horticultural Research International 1st
History 2nd
Pure Mathematics 2nd and Applied Mathematics 7th
French 2nd
Economics joint 3rd
Italian 3rd
Classics 4th
Statistics 4th
Theatre, Performance and Cultural Policy Studies 5th
Warwick Business School 5th

Doctoral Training Centres

The University of Warwick has pioneered the development of specialist Doctoral Training Centers in key area of interdisciplinary science. It currently has three such centers in Molecular Organization and Assembly of Cells, Systems Biology, and Complexity Science, and is developing a further DTC in Mathematical Sciences, combining the strengths of our existing Mathematics and Statistics departments (see below). These DTCs combine a first year of advanced training in interdisciplinary science leading to the award of an MSc, with a further three years of student research under joint supervision from at least two disciplines leading to the award of a PhD. the DTCs have also developed the Warwick Postgraduate Certificate in Transferable Skills for Science which is now offered to all doctoral students in the Faculties of Science and of Medicine.

Warwick Mathematics Institute

The Department of Mathematics at the University of Warwick (see <http://www2.warwick.ac.uk/fac/sci/maths/>) has gone from strength to strength since its founding in 1965 and now covers a comprehensive range of the mathematical sciences across both pure and applied mathematics.

The absence of barriers between pure and applied mathematics and the strong encouragement of links between them is a distinctive and crucial feature of the Department's vigorous research culture, and the vibrant research environment within the Department is enhanced through the investment of a very significant proportion of its earned income into research activities.

The Department is involved in a significant and substantial range of interdisciplinary activities, centres and programmes, including Mathematical Interdisciplinary Research at Warwick (<http://www.maths.warwick.ac.uk/miraw/>), a unique enterprise bringing together the Mathematics Institute with 11 other departments in science, engineering, business and social sciences to promote and coordinate mathematical interdisciplinary research in one of Britain's most highly-rated research universities, and the Centre for Systems Biology (<http://www2.warwick.ac.uk/fac/sci/systemsbiology/>), a new multidisciplinary venture led by the Mathematics Institute, the Departments of Biological Science, the Warwick Medical School and Warwick Horticulture Research International. The Centre for Systems Biology also houses the Systems Biology Doctoral Training Centre, an independent unit within the University providing training in the multi-

disciplinary skills required for research into biological systems, with students undertaking a dedicated taught MSc course in the first year followed by a PhD in Systems Biology during years 2-4.

Department of Statistics

The work of the Department of Statistics at the University of Warwick covers a wide range of topics in probability and statistics, both mathematical and theoretical aspects as well as applications to many different fields. The research expertise of the staff is reflected in the quality of teaching and student supervisors, as well as in the wide choice of topics on offer to students. The Department has an excellent track record in exploiting statistical interactions, for example in its current work with the Forensic Science Service which is stimulating both applied and methodological innovation. Through its methodological and theoretical advances the Department has contributed to government policy, industry, economics, agriculture, medicine, engineering finance and law. It also plays a leading role in the Academy for PhD Training in Statistics, a collaboration between Warwick and eight other leading UK universities to organise high-quality courses for beginning research students in statistics and applied probability.

The Department has been commended for its national and international excellence, its vibrant research environment, and the impressive profile of its students, research assistants, studentships and PhDs.

Warwick Business School

The Warwick Business School, a department of the University of Warwick, is one of the largest Schools of its kind, with around 315 staff members and over 7,500 students and participants. Its size allows it to offer a full range of quality programmes for all levels, from undergraduate courses through to a world-leading PhD programme and Board-level master classes. In line with the University's ethos, research leadership is embedded in the School's culture and enriches its teaching — a vital element in ensuring quality in portfolio research and development.

WBS was the first business school in the UK to achieve triple accreditation — recognition of its teaching quality from the three major, global, management education bodies AMBA, AACSB and EQUIS. Warwick Business School is globally renowned for outstanding performance in both research and teaching — it is currently ranked within the top 1% of global business schools as one of the best schools in Europe for its Doctoral Programme. Warwick Business School has a strategic goal to be recognised as the leading University-based business school in Europe.

Department of History

The Department of History at the University of Warwick is a large and broadly-based research community with a high reputation in British, European and comparative American history. There are strong core research groups in French and British social history, gender history, renaissance and early modern British and European history, which complement the department's other strengths in the modern history of Germany, Eastern Europe and Russia. The Department has a unique concentration of American, Caribbean and Latin American historians of a high international reputation. Other areas of strong research interest are grouped in Global History, Eighteenth-century Studies and in the Social History of Medicine.

The Department's Graduate Programme in History is one of the liveliest and largest in the UK. About 50 Masters students are currently working on one of our MA Programmes, and about 45 research students are currently working towards their degrees.

Department of Economics

The Department of Economics at the University of Warwick has an outstanding international reputation for research in several areas of economics, including economic theory, econometrics, macroeconomics, public economics, industrial economics, labour economics, development economics, and economic history.

The Department offers two taught Masters programmes in Economics and Economics & Finance and also has a thriving PhD programme with around 50 research students.

Department of Politics and International Studies

The Department of Politics and International Studies at the University of Warwick is one of the largest in the UK and has an outstanding reputation for research in a range of areas within the fields of politics and

international studies, including international political economy, globalisation and regionalisation, European politics and policy, democratisation, political theory and political systems.

Taught Masters programmes are offered in international political economy, international relations, international security, politics, Europe, globalisation and development and East Asia. The Department has a thriving postgraduate research community, with an average of 11 students graduating with PhDs from the Department every year, many of whom now hold academic posts across the world.

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Recent MSc and PhD dissertation topics within the Department have included the following: Bayesian inference for partially and discretely observed stochastic epidemics; construction and assessment of risk models in medicine (PhD); particle filters and adaptive estimation; optimal designs for predator-prey bioassay (MSc).

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The Department's Graduate Programme in History is one of the liveliest and largest in the UK. About 30 Masters students are currently working on one of our seven MA Programmes, and about 45 research students are currently working towards their degrees.