

Computing MPhil/PhD

Key features of this course:

The University of Worcester welcomes applications to undertake research towards MPhil and PhD degrees in Computing.

Research at Worcester has grown significantly in the last 10 years as the University itself has expanded. As a research student you will join a vibrant student community in our Research School and become part of our dynamic research environment.

You will have the opportunity to be supervised by leading researchers in your field and take advantage of our rich Researcher Development programme which will help you to develop the skills and knowledge you need to complete your research degree but also enhance the skills you will need in any future career.

Our MPhil/PhD research degree programme offers you:

Wide variety of research interests

The [Worcester Business School](#) has a strong mix of academics with a high degree of professional and personal experience, enabling you to get the most out of your programme. Our staff have expertise in a range of computing areas, but are particularly interested in supporting topics in the following more specific areas: computer games, e-business, social media, and technology-driven behaviour change.

Excellent supervision

Benefit from a professional and challenging relationship with your supervisory team, drawn from experienced academics working at the forefront of their disciplines.

Resources

Access to the University of Worcester's virtual resources and its state of the art library facilities. A dedicated research student office in the Business School and membership, as appropriate, of our Digital Economy Research Group and [Complex Customer Interactions Group](#).

Current MPhil/PhD research projects in Computing include: research and development in the field of suitability of educational video games for both students and educators.

How to apply

[Apply for this course - full time](#) [Apply for this course - part time](#)

Please make your application via our online application form. If you have any questions, please contact the Research School on 01905 542182 or research@worc.ac.uk

Before you submit a full application, please contact Dr Catharine Ross (c.ross@worc.ac.uk) to discuss your research project and the availability of appropriate supervision.

Supervisors

[Dr Chris Bowers](#)

Expertise: mobile and ubiquitous computing; interactive intelligent systems; human-computer interaction; computational intelligence; evolutionary computing; data driven behaviour modelling; technology driven behaviour change; energy demand monitoring, modelling and management; habit cessation technologies.

[Dr Joy Garfield](#)

Expertise: requirements engineering; business IT/IS alignment; systems modelling, including system dynamics, ontologies and rationale; information systems learning and teaching.

[Dr Joanne Kuzma](#)

Expertise: e-commerce and e-business; social media; e-marketing; systems analysis; web design; computer security (except networking).

[Dr Colin Price](#)

Expertise: computer science education; modelling and simulation; design and development of educational immersive environments; physics simulations using 3D digital technology.

[Dr Marc Price](#)

Expertise/research interests: modelling and simulating influence of spine posture on physiology and mood; modelling and simulating biomechanics and physiology of internal martial arts; modelling and simulating biomechanics and physiology of other internal exercises (eg breath, sound, etc). Video processing: HDR Video Capture and Production.
