



MSc by Research Scholarships - £3000 towards fees

College of Science MSc by Research Programmes at Swansea University

The newly-formed College of Science brings together Biosciences, Computer Science, Geography, Mathematics and Physics in an environment that enables us to collaborate in enhancing our teaching and research, providing new and challenging opportunities for our students.

We have available 20 scholarships for high calibre students enrolling on MSc by Research programmes in September 2011. The scholarships are open to new applicants for full-time study.

Each scholarship is worth £3000, which will be offset against tuition fees.

The MSc by Research enables students to pursue a one year individual programme of research in the following areas:

Department of Biosciences

[MSc by Research in Animal Movement Science](#)

[MSc by Research in Aquatic Biology](#)

[MSc by Research in Biomathematics](#)

[MSc by Research in Environmental Conservation](#)

[MSc by Research in Environmental Sustainability](#)

[MSc by Research in Mathematical Ecology](#)

[MSc by Research in Sustainable Resources](#)

Department of Computer Science:

[MSc by Research in Computer Science](#)

[MSc by Research in Human Computer Interaction](#)

[MSc by Research in Theoretical Computer Science](#)

[MSc by Research in Visual and Interactive Computing](#)

Department of Geography:

[MSc by Research in Earth Observation](#)

[MSc by Research in Environmental Dynamics](#)

[MSc by Research in Glaciology](#)

[MSc by Research in Global Environmental Modelling](#)

[MSc by Research in Global Migration](#)

[MSc by Research in Media Geographies](#)

[MSc by Research in Social Theory and Space](#)

[MSc by Research in Urban Studies](#)

Department of Mathematics:

[MSc by Research in Mathematics](#)

Department of Physics:

[MSc by Research in Antimatter Physics](#)

[MSc by Research in Cold Atoms and Quantum Optics](#)

[MSc by Research in Laser Physics](#)

[MSc by Research in Lattice Gauge Theory](#)

[MSc by Research in Nanotechnology](#)

[MSc by Research in Quantum Fields and Strings](#)

[MSc by Research in Theoretical Particle Physics](#)

ELIGIBILITY:

- Applicants must hold an offer to study on an MSc by Research for September 2011
- UK/EU and International applicants are welcome to apply
- Entry requirements vary between programmes – please visit the relevant website for details

HOW TO APPLY:

- To apply for a place to study on one of the above MSc by Research programmes, please study: www.swansea.ac.uk/postgraduate/apply
- Please include a covering letter and CV with your application and state clearly that you wish to be considered for a **College of Science MSc by Research in (eg Aquatic Biology) Scholarship**.

CLOSING DATE FOR APPLICATIONS: 22 JULY 2011

For further information: please contact Mrs Sandra Kramcha, Recruitment and External Relations Manager, College of Science – s.kramcha@swansea.ac.uk



Fully-funded and part-funded PhD Opportunities at the College of Science

College of Science, Swansea University

The newly-formed College of Science brings together Biosciences, Computer Science, Geography, Mathematics and Physics in an environment that enables us to collaborate in enhancing our teaching and research, providing new and challenging opportunities for our students.

We have available three fully-funded and up to 10 part-funded PhD opportunities for high calibre students enrolling on PhD programmes in September 2011. The studentships are open to new applicants for full-time study.

For details of potential research projects and/or research areas, please visit the subject area that interests you, whilst noting that we would encourage projects that are interdisciplinary between College Departments:

[Research Areas in the Department of Biosciences:](#)

Algal Biotechnology
Animal Ecology and Conservation Ecology
Animal Smart Tag Research
Aquatic Predator-Prey Interactions
Behavioural and Evolutionary Ecology of Fish, Aquaculture and Fisheries
Biocontrol
Environmental Impact of Marine Renewable Energy
Marine Turtles, Zooplankton, Jellyfish
Molecular Ecology and Evolution
Natural Products
Pathobiology and Aquaculture
Plankton Modelling

[Research Groups in the Department of Computer Science:](#)

Theory: Algebraic and Logical Design Methods
Graphics: Visual and Interactive Computing
HCI: FIT Lab

Research Groups in the Department of Geography:

Environmental Dynamics
Glaciology
Global Environmental Modelling and Earth Observation
Migration, Boundaries and Identities
Social Theory and Urban Space

Research Areas in the Department of Mathematics:

Algebra and Topology
Analysis and Nonlinear PDEs
Stochastics

Research Groups in the Department of Physics:

Experimental Physics
Theoretical Physics

ELIGIBILITY:

- Applicants must hold an offer to study full time on a PhD in one of the above areas for September 2011
- UK/EU and International applicants are welcome to apply
- Applicants for part-funded opportunities (and all overseas applicants) must demonstrate that they can provide necessary extra funds
- Entry requirements vary between departments – please visit the relevant website for details

HOW TO APPLY:

- To apply for a place to study on one of the above PhD programmes, please visit: www.swansea.ac.uk/postgraduate/apply
- Your application must include a covering letter, CV and research proposal, which may be discussed with an identified College supervisor
- Please state clearly in your covering letter that you wish to be considered for a **College of Science PhD Studentship**

FUNDING NOTES:

- Fully-funded three-year PhD Bursaries: Full UK/EU tuition fees. International students must fund the difference. A doctoral stipend matching the UK Research Council National Minimum (£13,590 for 2011/2012) is also provided for three years.
- Part-funded three-year PhD Studentships: Bursary of £5000 per annum

CLOSING DATE FOR APPLICATIONS: 22 JULY 2011

For further information: please contact Mrs Sandra Kramcha, Recruitment and External Relations Manager, College of Science – s.kramcha@swansea.ac.uk