

PhD studentships in Statistical Applied Mathematics at the University of Bath

www.bath.ac.uk/samba

We are seeking 10 or more exceptionally qualified students for fully-funded PhDs working at the interface between applied mathematics, stochastic modelling, statistics, and computation. Funding is awarded by the EPSRC Centre for Doctoral Training in **Statistical Applied Mathematics (SAMBa)**, hosted by the Department of Mathematical Sciences at the University of Bath.

Our 4th intake of students will start in September 2017 and are funded for four-years (tuition fees, training support, and tax-free stipend).

Please note: opportunities are currently limited to UK and EU applicants. However, in exceptional circumstances, it may be possible to find funding for excellent students from outside of the EU.

SAMBa has a cohort of students whose thesis topics range from problems which are industrially motivated to more abstract problems, using deterministic, probabilistic, statistical and computational mathematical tools. The cohort is an important source of peer support.

The first year of SAMBa consists of courses and symposia tailored to the individual student, together with **Integrative Think Tanks**. These ITTs are intensive, week-long events held twice a year where students work in collaboration with academics and industrialists to synthesise relevant mathematical formulations for solving industrial and cross-disciplinary problems. Successful completion of the first year of the programme will result in the award of an MRes degree.

Each student will choose a supervisor or supervisory team and finalise a thesis proposal by the end of year 1, and will work on PhD research in years 2-4. Graduates from SAMBa will be ready to work in leading academic and industrial roles, collaborating with individuals from different backgrounds, and communicating effectively to both experts and non-experts.

Successful applicants will hold, or will be expecting, a first or high upper second class honours degree (or equivalent) in mathematics, or in a subject with substantial mathematical content.

UK and EU applicants should send expressions of interest to the Centre Administrator, Jessica Ohren, via [email](#) and should include:

- Approximately 250 words on your motivation for applying to SAMBa
- A 2-page CV which includes your academic and work experience
- Scans of your academic transcript(s)
- Information on where you heard about SAMBa

Applicants from outside the EU should complete an application directly through the [Graduate School](#).

All applications will be reviewed rapidly and promising applicants will be invited to an interview at Bath.

Further information is available on our [website](#) and on [YouTube](#).

