

## Life and Environmental Sciences



The College of Life and Environmental Sciences is committed to meaningful and longstanding collaborative partnerships with a wide range of international partners, including in the areas of research, education and training. There are links with institutions in China across all four Schools within Life and Environmental Sciences, with different objectives and areas of interest in each.

The College plays an important part in The University of Birmingham Guangzhou Centre, a landmark partnership between the University and the Guangzhou Municipal Government. Key collaborative research areas include biotechnology, urbanisation, air pollution and cognitive neuroscience. Further

details on current research projects are detailed below.

### Geography, Earth and Environmental Sciences

[Open all sections](#)

The School of Geography, Earth and Environmental Sciences has developed links with the School of Environmental Sciences and Engineering at Sun Yat-Sen University in Guangzhou.

This builds upon the excellent fit between the expertise at Birmingham in air pollution and water sciences/hydrology, and that of the group at Sun Yat-Sen in atmospheric sciences and hydrological modelling; areas of strength within the school and college.

Several exchange visits led to joint research proposals and the development of a new dual degree in BSc Environmental Sciences, within which students complete two years of study at Sun Yat-Sen, followed by two years at the University of Birmingham. This programme is scheduled to launch in autumn 2015.

### Biosciences

The School of Biosciences is the largest biology school in the region, delivering internationally excellent teaching and research across the broad span of modern biological subjects to over 1,000 students. The school has thriving partnerships with two institutions in China.

The partnership between the University of Birmingham and Fudan University allows undergraduate students who begin their studies at Fudan to finish their studies at Birmingham and achieve either a bachelor degree (BSc Hons) or a Masters degree (MSci) in Biological Sciences or Biochemistry.

Students will have studied the first two years of their course at Fudan University, and then study the remaining two years (BSc Hons) or three years (MSci) at Birmingham.

Students arriving from Fudan have the opportunity to join one of the internationally renowned research teams in the School to carry out their final year project, and the professional placement programmes (part of the BSc Hons) offer students the opportunity to spend an additional year working in the UK to gain further work experience.

The School has recently formed a similar agreement with Huazhong Agricultural University (HZAU) in Wuhan.

### Psychology

The School of Psychology is one of the largest in Britain and it has an excellent reputation for teaching and research, ranking 3rd in the UK in the previous Research Assessment Exercise and holding over £8m of research grants and contracts.

The developing partnership between the University of Birmingham and Sun Yat-Sen University allows undergraduate students who begin their studies at Sun Yat-Sen to finish their studies at Birmingham and achieve a BSc Hons in Psychology.

Students who have spent the first two years of their course at Sun Yat-Sen University will then study for two years at Birmingham.

Students arriving from Sun Yat-Sen have the opportunity to work with world-leading researchers and access to purpose-built facilities specifically equipped for work in:

- Human brain sciences (including brain imaging)
- Cognition and speech production
- Food and nutritional psychology
- Child development
- Clinical and forensic psychology