Geography at University
Geography graduates have one of the highest employment rates of graduates from any degree subject. This talk, by a member of academic staff, reviews the content and teaching methods employed by a typical geography degree, including field work, transferable skills and the opportunities offered to explore major global issues in more depth.

Planning at University
Planning degrees are strongly linked to the world of work, with many offering students the chance to graduate as professionally accredited Chartered Planners. By the end of a degree within planning, students will have developed both the theoretical and practical skills necessary to become an agent for change on the global stage. This talk first explains what planning is, as it may not be a subject students are familiar with. It then reviews what students can expect to do if they study planning, including the links with practice and real-world examples which are part of all planning degrees, before discussing the details of entry requirements, application processes and post graduation employment opportunities.

Practical workshops
Understanding rainfall run-off (c. 45 mins)
Using a rainfall catchment simulator explore the impacts of different rainfall intensities on a variety of surfaces from bare earth (porous) to concrete (non-porous) and measure the associated runoff.

Understanding past atmospheric pollution (c. 45 mins)
Measuring pollutants in the peat deposits of Holcroft Moss (near Manchester) to infer changing atmospheric pollution through the Industrial Revolution.

Understanding population dynamics (c. 45 mins)
Using population projection software, explore how demographic futures are influenced by the interaction of forecast trends in fertility, mortality, and migration; and how these futures vary geographically.

Understanding GIS (c. 45 mins)
Using GIS software, an exploration of crime patterns in Merseyside is used to introduce basic GIS concepts and to provide an applied example of GIS ‘in use’.

Department of Geography & Planning
School Programme 2017-18

This programme details the range of curriculum enrichment opportunities we are offering next academic year. As well as talks from members of staff, this includes the increasingly popular option of bringing pupils on campus to participate in a hands-on practical workshop. We are also happy to staff a ‘Geography and Planning stall’ at a school careers event or similar. Early booking is recommended.

Commonly requested formats include:
Guest lecture – a talk on one topic selected from the list overleaf
Double guest lecture – e.g. a talk one ‘human’ and one ‘physical’ topic
Double practical workshop – one ‘human’ and one ‘physical’ topic (see back page)

Any of the above plus one of our ‘Careers’ talks (see back page).

For further details, or to request a talk or practical workshop or any other kind of curriculum or careers support, please contact Dr John Boyle (jfb@liverpool.ac.uk; Tel: 0151 794 2875), including the following information:
• Title of talk(s) / practical workshop(s)
• Duration required (mins)
• Possible dates and times
**Human Geography**

**Social deprivation in the UK**
Dr Chris Lloyd
The geography of the social polarisation in the UK. Introduces concepts such as deprivation and poverty, using examples from Britain to illustrate the role of geographical change.

**Avoiding dangerous climate change: how can we live well, and save the planet?**
Dr Peter North
We know we need to emit fewer greenhouse gases in order to avoid dangerous climate change. How can we do this, and live well, with peace and justice? Is ‘growth’, more stuff, the answer to meeting human satisfaction?

**Liverpool from crisis to capital of culture and beyond**
Dr Kathy Burrell
With Polish now the second most widely spoken language within the UK, this talk offers a case-study of Polish migration to the UK after EU enlargement in 2004, exploring the background to, and causes of, this movement. The talk considers key demographic and settlement trends while also exploring the general experience of Polish migrants in the UK.

**Understanding Multicultural UK**
This talk presents an historical geography of multiculturalism in the UK, explaining the background to, and causes of, this movement. The talk considers key demographic and settlement trends while also exploring the general experience of Polish migrants in the UK.

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**Physical Geography**

**Oceans cover two-thirds, or approximately seventy two percent of our planet. They are the dominant feature of the world we live in. However, they are not just important in terms of size. Oceans are vital to the environment, to society, to culture, and to the economy. They include examples from Australia and Canada.**
Dr Kim Peters
Governing global commons: how do we subject down to earth, giving students a valuable personal experience about climate change and the drivers of climate change.

**Hurricanes and Storm Surges**
Prof. Andy Plater
An overview of the nature and impacts of hurricanes and storm surges, including their drivers, impacts, and contemporary examples to demonstrate and explain the processes and regional and global scale impacts of hurricanes and storm surges. Using case studies, the talk considers what we do and (don’t) know about climate change and the drivers of climate change.

**Round the Bend: Dynamics and Management of Meandering Rivers**
Prof. Janet Hooke
Management of Meandering Rivers: a case study. A critical review of how we do (and don’t) know about climate change and the drivers of climate change.

**Ice Age Earth**
Prof. Doug Mar
Ice sheets and glaciers have repeatedly grown and decayed throughout our planet’s history. Currently they cover 10% of the land surface and hold 97% of our freshwater, so we’re still living in an “Ice Age.” In this talk Prof. Mar draws on over 20 years field work experience in some of the remotest and coldest places on Earth to explain process controlling ice sheet growth, movement and decay, and explores how they react to and control Earth’s changing climate.