Challenges in Global Health

IEEL018  5 credit module (equivalent to 2.5 ECTS)

This module will introduce selected case studies which examine challenges in globally significant health issues. Each session will comprise a seminar in which a current challenge in human health is introduced and then evaluated via structured group discussion and debate. During our discussions we will focus on the latest improvements in our understandings of disease: causation, prevention and treatment. We will then discuss how these improvements in health research have ethical, economic, societal and global consequences. The content will vary from year to year, as it reflects varied areas that are the focus of research in Health and Life Sciences at the University of Liverpool.

Typical examples of indicative content, directly based on the most recent research conducted in the area of Global Health, are included below and may vary according to staff availability.

- Ageing – mechanisms and consequences
- Global challenges infectious diseases
- Increasing food safety & security
- Tracking emerging and zoonotic infections
- Improvements in our understanding and treatment of cancers
• Molecular basis of therapeutic targeting
• Genomics and human health
• Development of personalised medicines
• Antimicrobial resistance - risks and potential solutions
• How our evolutionary heritage predisposes us to modern health problems

Further information for this module will be available in January 2019.