

## Practical Epidemiology and Statistics

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This module builds on concepts introduced in Epidemiology Statistics and Research Methods to reinforce the ideas and enable students to focus on their critical application to novel practical situations. Students will develop skills in critical appraisal of published work in health care related areas and develop more practical understanding of epidemiological and statistical methods used in the analysis of epidemiological studies.

### Learning outcomes

By the end of the module you should be able to:

1. Design appropriate epidemiological studies to address population health questions
2. Critically appraise published papers dealing with epidemiological studies and clinical trials
3. Summarise, analyse and present basic epidemiological data appropriately
4. Interpret and critically appraise basic epidemiological and statistical information that they have collected/ produced themselves or that has been presented by others

### Credits

20 credits

### Module Attendance Required

1 block week of teaching

### Module Dates

2015/16 dates to be confirmed

### Assessment

One written assignment

### Module Coordinators

**[Dr Amanda Farley \(/staff/profiles/haps/PublicHealthEpidemiologyBiostatistics/farley-amanda.aspx\)](#)** and **[Dr Clare Frobisher \(/staff/profiles/haps/PublicHealthEpidemiologyBiostatistics/frobisher-clare.aspx\)](#)**

### Stand alone Course

This module can be taken as a standalone course. It can be assessed or non assessed. To apply, please contact the Programme Coordinator on 0121 414 7577 or at [mph@contacts.bham.ac.uk](mailto:mph@contacts.bham.ac.uk) (<mailto:mph@contacts.bham.ac.uk>). All applications must be received a minimum of one month before the start date of the module. For further information on fees or entry requirements, please contact the Programme Administrator.

**[Study here and find out why the University of Birmingham was awarded The Times and The Sunday Times University of the Year 2013-14](http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)**

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### Course fact file

**Type of Course:** Continuing professional development, module

### Contact

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