Practical Epidemiology and Statistics

Practical Epidemiology and Statistics
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)**. 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)

Course fact file

Type of Course: Continuing professional development, module

Contact

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