Statistics teaching within UK degree programmes in Medicine and allied health sciences, including through undergraduate and postgraduate entry schemes and intercalation

Note. This particular form is not for inclusion of details of statistical teaching in Masters and PhD programmes.

Institution: University of Leicester					
Overview: All medical students are taught basic statistical concepts, epidemiology and					
research methodology as part of the Population and Social Science (PaSS) module that runs					
across years 1 and 2 of the undergraduate medical degree. This has a focus on					
understanding the evidence and on critical appraisal rather than being focused on developing skills required to undertake a research project.					
developing skins required to undertake a research project.					
Type of undergraduate students:					
Medical Dental Biology					
Mathematics Other (please state:)					
Estimated total number of students: 280, per group when separated: 35					
Academic years where medical statistics is taught: 1 and 2					
No. estimated hours per academic year: 28					
Please add fields to the table below, where necessary, to reflect missing subjects. This can easily be achieved by right-clicking in the last row and choosing the option 'insert' to insert individual rows. You can in turn copy-paste the content from an existing row and edit the subject name to suit your purposes.					
Subject Concept Calculations/equations* Descriptions/comments					
Types of variable					
Distributions					

Summary Statistics						
Concepts of population						
and sample						
Confidence intervals	\boxtimes					
Hypothesis testing, p-	\boxtimes					
values						
Comparing two means						
Comparing two						
proportions						
Linear regression						
Logistic regression						
Graphs						
Survival analysis						
Multivariate analysis						
Critical appraisal	\boxtimes					
Other (please state)						
Other (please state)						
Other (please state)						
*If applicable.						
Assessment details: Single Best	Answer and Short	Answer Questions, with formula for				
calculating 95% CI for a Poissor	distribution provid	led at the appropriate question.				
Computer package used:						
Stata SPSS Stata	atsDirect 🗌	S-plus R				
NCSS Matlab Other , please state which : None. A calculator with a						
natural logarithm function is all that is required.						

Recommended literature: AFMC Primer on Population Health - A virtual textbook on Public Health concepts for clinicians. https://afmc.ca/medical-education/public-health

Contact - administration

Name: Dr Jane Bethea Position : Associate Professor of Public Health

Email:jb518@le.ac.uk Address:University of Leicester, College of Life Sciences,

George Davies Centre, University Road, University of Leicester. LE1 7RH. Telephone No: 0116

373 6208.

Contact - tutors

Name	Department	Email	Address	Telephone Number

Other comments:			
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Information last up to date: 22/08/2019

Please return to Margaret MacDougall at Margaret.MacDougall@ed.ac.uk