



UNIVERSITI TEKNOLOGI MARA

HPY601: BIOSTATISTIC

Course Name (English)	BIOSTATISTIC APPROVED		
Course Code	HPY601		
MQF Credit	3		
Course Description	The aim of the course is to interactively engage students cognitively and scientifically in areas of biostatistics. Students will define concepts, state and explain theories, perform statistical analyses using statistical software via statistical laboratory exercises and in writing, discuss the results and relationships with peers and facilitators. The designated lecture session is used to discuss common biostatistics technique related to the existing principles or theories in health sciences research. Lecture sessions employ a mixture of lectures and active learning (self and peer discussions). The outcomes shall be accessed through a variety of tools which include the traditional paper examination, informal interviews and classroom engagement		
Transferable Skills	Data analysis		
Teaching Methodologies	Lectures, Blended Learning, Discussion, Presentation, Journal/Article Critique		
CLO	CLO1 Apply the concepts and theories in descriptive and inferential statistics, commonly used in health sciences research CLO2 Analyze research data by using statistical software		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"><tr><td>Recommended Text</td><td>Bernard Rosner 2010, <i>Fundamentals of Biostatistics</i>, 7 Ed., Cengage Learning New York [ISBN: 0538733497]</td></tr></table>	Recommended Text	Bernard Rosner 2010, <i>Fundamentals of Biostatistics</i> , 7 Ed., Cengage Learning New York [ISBN: 0538733497]
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Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		