MPH Concentration Competencies and Assessment Methods

BIOSTATISTICS

Biostatistics Competencies	Exam	Paper	Oral Presentation	Observe	Class Project	Homework Exercise	Internship
Ability to identify appropriate statistical tools to address specific scientific questions	552 576A 576B 576C 647 680	552 576A 576C	552 576C	552 576A 576B	552 576C 576D	552 576A 576B 576C 647 680	909
Ability to select appropriate research designs to meet the needs of various studies, and be able to explain the limitations of implemented designs	576B 647 680			576B 647 680		576B 647 680	909
Ability to skillfully engage in statistical collaboration with mentors, colleagues, and clients		576C	576C	576C	576C	576C	909
Demonstrate excellent presentation skills and the ability to explain statistical concepts and findings to a general scientific audience		552 576A 576C	552 576C	552 576A 576C	552 576C	552 576C	909
Demonstrate skills in data management to handle a variety of practical problems in data format and structure	550 551 576D		550 551	550 551	550 551	550 551 576D	909
Demonstrate advanced working skills in application of computer systems and appropriate statistical software	511 576D 648	648	511	511 648	511 648	511 576D 648	909
Demonstrate advanced competencies in areas of professional expertise and scholarship enabling them to advance to further postgraduate study in biostatistics	647	648		647 648	648	647 648	909
Demonstrate understanding of methods of data analysis and data monitoring	576A 576B 576D 647 680	576A 576D 648 680	648	576A 576D 647 648	648	576A 576B 576D 647 648 680	909