

Assessment of Competencies for MPH Biostatistics

Competency	Course number(s) and name(s)
1. Match appropriate research designs to the needs of various studies and be able to explain the limitations of implemented designs.	BIOS 680: Biostatistical Methods I: Clinical Trials/ Survival Analysis
2. Utilize appropriate statistical tools to address specific scientific questions.	BIOS 576B: Biostatistics for Research BIOS 576C: Applied Biostatistics
3. Explain statistical concepts and findings to a general scientific audience.	BIOS 576B: Biostatistics for Research BIOS 576C: Applied Biostatistics
4. Conduct appropriate data management to handle a variety of practical problems in data format and structure.	BIOS 576C: Applied Biostatistics
5. Apply computer systems and appropriate software to address statistical problems.	BIOS 576B: Biostatistics for Research BIOS 576C: Applied Biostatistics BIOS 680: Biostatistical Methods I: Clinical Trials/ Survival Analysis