Epidemiology & Biostatistics Certificate Course Rotation

Course Type	Course Title	Credits	When Offered	Prerequisites
Required (Option 1)	BS723 Introduction to Statistical Computing	4	Fall, Spring & Summer	PH717
Required (Option 2)	BS730 Introduction to R: Software for Statistical Computing	4	Fall, Spring, & Summer	PH717
Required	EP770 Concepts and Methods of Epidemiology	4	Fall & Spring	PH717
Study Assessment	EP730 Epidemiology of Vaccine Preventable Diseases	2	Spring	PH717
Study Assessment	EP735 Principles of Cancer Epidemiology*	2	Spring*	PH717. Students may not take both EP735 and EP752 for degree credit.
Study Assessment	EP740 Introduction to the Epidemiology of Aging	2	Summer	PH717
Study Assessment	EP741 Cardiovascular Epidemiology	4	TBD	PH717
Study Assessment	EP748 Drug Epidemiology	4	Fall	PH717; EP770 recommended
Study Assessment	EP755 Infectious Disease Epidemiology	4	Fall & Spring	PH717
Study Assessment	EP758 Nutritional Epidemiology	4	Spring	PH717
Study Assessment	EP759 Reproductive Epidemiology	4	Fall & Spring	PH717
Study Assessment	EP764 Epidemiology of HIV/AIDS in the Developed and Developing World	2	Fall	PH717
Study Assessment	EP775 Social Epidemiology	4	Fall & Spring	PH717
Study Assessment	EP784 Epidemiology of Tuberculosis in the Developed and Developing World	2	Fall	PH717
Study Assessment	EP790 Mental Health Epidemiology	2	Spring	PH717
Study Assessment	EP850 Applications of Intermediate Epidemiology	4	Fall & Spring	PH717; EP770; BS723
Study Assessment	EP857 Design and Conduct of Cohort Studies	2	Fall	PH717; EP770; BS723
Study Assessment	EP858 Design and Conduct of Case-Control Studies	2	Fall	PH717; EP770; BS723
Study Assessment	EH757 Environmental Epidemiology	4	Spring	PH717; EH725 or consent
Data Analysis	BS805 Intermediate Statistical Computing and Applied Regression Analysis	4	Fall, Spring, & Summer	PH717; BS723
Data Analysis	BS820 Logistic Regression and Survival Analysis	4	Spring	PH717; BS723 or BS852
Data Analysis	BS851 Applied Statistics in Clinical Trials I	4	Fall	PH717; BS723
Data Analysis	BS852 Statistical Methods in Epidemiology	4	Fall & Spring	PH717; BS723 or BS730
Data Analysis	BS858 Statistical Genetics I	4	Fall	PH717; BS723 or BS730

*EP752 Cancer Epidemiology will be offered in spring 2018, which is a 4 credit version of this class, and will also count towards the Epi-Biostats Certificate.