First Year ScM/MHS Students

Recommended Curriculum, 2017-18

August

Introduction to Biomedical Sciences (260.600), 4 credits)*

1st term

Methods in Biostatistics I (140.651, 4 credits)+
Essentials of Probability and Statistical Inference I (140.646, 4 credits)+
Statistical Computing (140.776, 3 credits)**
Epidemiologic Inference in Public Health I (340.721, 5 credits)
Academic and Research Ethics at JHSPH (550.860, 0 credits)***
Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

2nd term

Methods in Biostatistics II (140.652, 4 credits)+
Essentials of Probability and Statistical Inference II (140.647, 4 credits)+
Public Health Perspectives on Research (550.865, 2 credits)****
Introduction to Data Management (140.630, 3 credits)
Electives
Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

3rd term

Methods in Biostatistics III (140.653, 4 credits)+
Essentials of Probability and Statistical Inference III (140.648, 4 credits)+
SAS Statistical Package: A Survey for Statisticians (140.631, 3 credits)
Electives
Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

4th term

Methods in Biostatistics IV (140.654, 4 credits)+
Essentials of Probability and Statistical Inference IV (140.649, 4 credits)+
Electives
Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

+ The sequences Methods in Biostatistics I – IV (140.651-654) and Essentials of Probability and Statistical Inference I – IV (140.646-649) are required course sequences for the 1st year. Per school policy, for students to remain in satisfactory academic standing students must meet the minimum grade threshold of a C in required courses.

* The credits of this course count toward the first term.

** Only recommended for those with some prior programming experience with a language such as C/C++, perl, java, python etc. Please consult the course instructor.

*** Although this course is offered in subsequent terms, incoming students are required to take this during their first term and will not be able to register for 2nd term until they have done so.
**** Students who have earned an MPH from a domestic university within the last 10 years may waive this requirement.

Additional Notes and Requirements:

Students must enroll in a minimum of 16 credits per term. The 16 credits can be reached by enrolling for special studies credit (140.840). These special studies must have a clearly defined objective.

By the end of the first year, students MUST have earned 12 credits in non-Biostatistics courses (of which 6 credits must come from SPH courses). Special studies (800-level) courses in another department do NOT count toward this requirement. The courses Responsible Conduct of Research, Academic and Research Ethics at JHSPH, and Public Health Perspectives on Research do NOT count toward this requirement. Public Health extradepartmental courses (beginning with a “55x” course number) do NOT count toward this requirement. Credits earned from the Introduction to Biomedical Sciences course DO count.

All students must attend the departmental seminar series.

There will be a qualifying exam (4 hour in-class exam and 3-day take-home data analysis project) during the first week in June of the 1st year.

Please consult our Master’s Student Academic Standing Guide for more detailed information about academic requirements and expectations.