First Year ScM Students

Recommended Curriculum, 2013-14

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)
Principles of Epidemiology (340.601, 5 credits)
Statistical Computing (140.776, 3 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 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.
Students must enroll for 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 550.860 Academic and Research Ethics at JHSPH and 550.865 Public Health Perspectives on Research do NOT count toward this requirement.

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.