

First Year PhD Students*

Recommended Curriculum, 2017-18

August

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

1st term

Advanced Methods in Biostatistics I (140.751, 3 credits) +

Probability Theory I (140.721, 3 credits) +

Statistical Theory I (140.731, 4 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

Advanced Methods in Biostatistics II (140.752, 4 credits) +

Probability Theory II (140.722, 3 credits) +

Statistical Theory II (140.732, 4 credits) +

Public Health Perspectives on Research (550.865, 2 credits)****

Electives

Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

3rd term

Advanced Methods in Biostatistics III (140.753, 4 credits) +

Probability Theory III (140.723, 3 credits) +

Statistical Theory III (140.733, 4 credits) +

Electives

Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

4th term

Advanced Methods in Biostatistics IV (140.754, 4 credits) +

Probability Theory IV (140.724, 2 credits) +

Statistical Theory IV (140.734, 4 credits) +

Electives

Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

+ The sequences *Advanced Methods in Biostatistics I – IV* (140.751-754), *Probability Theory I-IV* (140.721-724), and *Statistical Theory I-IV* (140.731-734) 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 B in required courses.

*Some students, based on a placement test and in consultation with their advisor and graduate program committee, may opt to take the first year of the ScM curriculum and defer the PhD curriculum until their second year. Students who opt for this route would also be required to successfully complete the ScM qualifying exam.

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

*** 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.

NOTES:

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 are expected to obtain training in the statistics/science interface (see attached).

All students must attend the weekly Biostatistics seminar series.

There will be a qualifying exam (4 hour in-class exam) during the first week of June at the end of the 1st year.

Please consult our [Doctoral Student Academic Standing Guide](#) for more detailed information about academic requirements and expectations.