Second Year ScM Students

Recommended Curriculum, 2019-20

The second year curriculum is considerably less course-intensive than the first, as thesis development becomes a priority during this year. However, we encourage students to avail themselves of the array of biostatistical electives that are available (see ** below) and to be mindful of completing the School’s extra-departmental course requirements and new requirements for students who HAVE NOT already taken 3 credits of Epidemiology coursework and 550.865 (Public Health Perspectives on Research) (see *** below).

1st term

- Statistical Computing (140.776, 3 credits) *(if not taken in first year)*
- Advanced Data Science I (140.711, 3 credits)*
- Academic and Research Ethics at JHSPH (550.860, 0 credits) *(if not taken in first year)*
- Electives**
- Epidemiology course (at least 3 credits), if applicable***
- “Cells to Society” modules, if applicable***
- Thesis Research (140.820, credits as needed in order to get to at least 16 credits total) and/or Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

2nd term

- Advanced Data Science II (140.712, 3 credits)*
- Practice of Statistical Consulting (140.643, 3 credits)*
- Epidemiology course (at least 3 credits), if applicable***
- “Cells to Society” modules, if applicable***
- Electives**
- Thesis Research (140.820, credits as needed in order to get to at least 16 credits total) and/or Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

3rd term

- Electives**
- Epidemiology course (at least 3 credits), if applicable***
- “Cells to Society” modules, if applicable***
- Thesis Research (140.820, credits as needed in order to get to at least 16 credits total) and/or Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

4th term

- Electives**
- Epidemiology course (at least 3 credits), if applicable***
- “Cells to Society” modules, if applicable***
- Thesis Research (140.820, credits as needed in order to get to at least 16 credits total) and/or Special Studies (140.840, credits as needed in order to get to at least 16 credits total)

The courses Advanced Data Science (140.711-712) and Practice of Statistical Consulting (140.643) are required course sequences for the 2nd 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.
* Although this course is offered in subsequent terms, continuing students who have not previously taken the course are required to take this during 1st term of 2019-20 and will not be able to register for 2nd term until they have done so.

** Note that Survival Analysis and Risk Prediction and Precision Medicine (140.641 and 741) will be taught in terms 1 and 2, Introduction to Data Management (140.630) in term 2, SAS Statistical Package: A Survey for Statisticians and Longitudinal Data Analysis (140.631) in term 3, Design of Clinical Experiments (140.642) in term 3, and Power & Sample Size for the Design of Epidemiological Studies (340.694) in term 3. Please consult the SPH course search engine (http://www.jhsph.edu/courses) to identify additional Biostatistics electives that are available.

*** Students who HAVE NOT already taken 3 credits of Epidemiology coursework and 550.865 (Public Health Perspectives on Research) must complete at least 3 credits of Epidemiology coursework, the online module 552.608.81, and any 3 of the following “Cells to Society” online modules (552.601.81, 552.603.81, 552.607.81, 552.609.81, 552.610.81, 552.611.81, 552.612.81).

** Additional Notes and Requirements:**

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

Students are required to attend the departmental seminar series.

Students should immediately start the process of identifying a thesis topic/advisor.

In order for ScM students to graduate from the Bloomberg School of Public Health: 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 552.602 do NOT count toward this requirement.

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

A timetable for completion of ScM requirements during the 2019-20 academic year is at https://my.jhsph.edu/Offices/StudentAffairs/RecordsRegistration/MastersCandidateInformation/Documents/Due%20Dates-TemplateScM%20MBe%202019%20-20.pdf