

NON-DEGREE STUDENT COURSE SEARCH GUIDE

1: Type this URL into your address bar: <http://www.bu.edu/academics/sph/courses>

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Courses

The course descriptions below are correct to the best of our knowledge as of April 2016. Instructors reserve the right to update and/or otherwise alter course descriptions as necessary after publication. The listing of a course description here does not guarantee a course's being offered in a particular semester. The [Course Rotation Guide](#) lists the expected semester a course will be taught. Please refer to the published schedule of classes for confirmation a class is actually being taught and for specific course meeting dates and times. In addition to the courses listed in the Bulletin and courses approved after April 1, SPH degree candidates may register for a directed (independent) study with a full-time SPH faculty member. For more information, speak with your faculty advisor or a staff member in the SPH Registrar's office.

Essentials of Biostatistics
SPH BS 700 (2 credits)
"This intensive three-week summer course will provide a comprehensive introduction to the use of biostatistics in the field of public health. Students will learn to compute and interpret descriptive and inferential statistics. Topics will include descriptive statistics and graphical displays of data, probability, confidence intervals, hypothesis testing for means and proportions, linear and logistic regression and survival analysis."

2017FALLSPHBS700 A1, Aug 14th to Aug 18th 2017

Days	Start	End	Type	Bldg	Room
MTWR	9:00 am	4:50 pm		INS	211
F	9:00 am	12:50 pm		INS	211

Programs
Departments
Courses
Biostatistics
Environmental Health
Epidemiology
Health Law, Bioethics & Human Rights
Health Policy & Management
Global Health
Maternal & Child Health
Public Health Core
Social & Behavioral Sciences
Policies

2: Select the department whose courses you are interested in

3: Find a course that interests you in the list:

SPH Courses

Biostatistics

View courses in **Biostatistics**

SPH BS 700: Essentials of Biostatistics
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SPH BS 704: Introduction to Biostatistics
This course meets the biostatistics core course requirement for all degrees and concentrations at SPH. The course replaces BS701 and BS703. Topics include the collection, classification, and presentation of descriptive data; the rationale of estimation and hypothesis testing; analysis of variance; analysis of contingency tables; correlation and regression analysis; multiple regression, logistic regression, and the statistical control of confounding; sample size and power considerations; survival analysis. Special attention is directed to the ability to recognize and interpret statistical procedures in articles from the current literature. This course gives students the skills

SPH BS 800: Accelerated Statistical Training
Graduate Prerequisites: Calculus I and II, including multivariable calculus, and linear algebra to cover matrix operations, matrix functions, and singular value decomposition.
This course is designed for the newly developed MS in Applied Biostatistics program and will cover concepts of descriptive statistics and exploratory data analysis, measures of association in epidemiological studies, probability, statistical inference and computing in R and SAS. It is intended to equip students enrolling in the MS in Applied Biostatistics program with sufficient probability, statistics and computing background to enter 800 levels courses and finish the MS program within a year. The course will be offered during the 3 weeks preceding the Fall semester, and will involve 15 day-long modules. Modules will generally run from 10am to 5pm, combining a traditional lecture (10am to 12pm), a practice session in which students will practice the notions learned in class through exercises (1pm to 2:30pm), and a computer lab (3pm to 5pm) in which the students will learn basic computing in R and SAS and also apply the notions learned in class to real

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4: Go to the University Course Description Search at www.bu.edu/phpbin/course-search and type the name of the course you want in the Search bar, then press Search.

SEARCH Course Descriptions **SEARCH** [Advanced](#)

e.g., **biology** or **bio*** (finds *biology*, *biomedical*, etc.)

Searching for **Introduction to Biostatistics** returned 3 results in 0.02 seconds.

The following common words were excluded from your search: to

Displaying 1-3 of 3

SPH BS 704 - Introduction to Biostatistics

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[3 cr.]

[1 section scheduled for Spring 2018](#)

5: If the course is currently being offered, it will be indicated in red text below the course description. Click on the red text regarding to view the schedule:

Introduction to Biostatistics

SPH BS 704

FALL 2017

Section	Open Seats	Instructor	Type	Location	Schedule	Dates	Notes
A1	5	Jacqueline Hicks	IND	INS 110	M 6:00 pm-8:30 pm	09/11-12/18	MED Campus

SPRING 2018

Section	Open Seats	Instructor	Type	Location	Schedule	Dates	Notes
B1		Kerrie Nelson	IND	INS 112	M 10:00 am-12:50 pm	01/22-05/07	MED Campus