

SCHOOL OF PUBLIC HEALTH, UNIVERSITY AT ALBANY
PLAN OF STUDY FOR MASTER OF PUBLIC HEALTH DEGREE

Name of Student:

Area of Concentration: BIOMEDICAL SCIENCES

Name of M.P.H. Advisor:

CORE COURSES ¹

<u>Course</u>	<u>Course Title</u>	<u>Credits</u>	<u>GRADE</u>	<u>YEAR TAKEN</u>
EPI 501	Principles and Methods of Epidemiology I	3	_____	_____
EPI 503	Principles of Public Health	3	_____	_____
STA 552 ²	Principles of Statistical Inference I	3	_____	_____
BMS 505	Biological Basis of Public Health	3	_____	_____
EHT 590	Introduction to Environmental Health	3	_____	_____
HPM 500	Health Care Organization, Delivery & Financing	3	_____	_____
HPM 525	Social and Behavioral Aspects of Public Health	3	_____	_____
SPH 680	Seminar (2 Semesters)	0	_____	_____
		21 TOTAL		

ADDITIONAL QUANTITATIVE COURSE

<u>Course</u>	<u>Course Title</u>	<u>Credits</u>	<u>GRADE</u>	<u>YEAR TAKEN</u>
STA 553 ²	Principles of Statistical Inference II	3	_____	_____
		3 TOTAL		

REQUIRED COURSES FOR AREA OF CONCENTRATION

<u>Course</u>	<u>Course Title</u>	<u>Credits</u>	<u>GRADE</u>	<u>YEAR TAKEN</u>
BMS 601	Introduction to Biomedical Sciences	3	_____	_____
		3 TOTAL		

SELECT ONE OF THE FOLLOWING ADVANCED COURSES

<u>Course</u>	<u>Course Title</u>	<u>Credits</u>	<u>GRADE</u>	<u>YEAR TAKEN</u>
BMS 552	Medical Entomology	3	_____	_____
BMS 553	Virology	4	_____	_____
BMS 610	Microbial Pathogenesis	3	_____	_____
BMS 612	Neuroanatomy & Nervous System Disorders	3	_____	_____
BMS 622	Cancer Biology	3	_____	_____
BMS 663	Mammalian Genetics	3	_____	_____
EHT 530	Principles of Toxicology	3	_____	_____
		3 TOTAL		

THREE ELECTIVES (at least 3 credits each) As approved by advisor, must include one additional BMS course (See list of suggested electives, over)

<u>Course</u>	<u>Course Title</u>	<u>Credits</u>	<u>GRADE</u>	<u>YEAR TAKEN</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
		9 TOTAL		

¹ Transfer credit for any of these courses must be accompanied by an approved petition showing that a comparable graduate level course was completed at another institution.

² STA 552 and STA 553 use the computer program SAS for many exercises. Students will find it advantageous to take EPI 514 before or concurrently with STA 552.

INTERNSHIPS (Up to 6 credits may be waived³).

<u>Course</u> ⁴	<u>Course Title</u>	<u>Credits</u>	<u>GRADE</u>	<u>YEAR TAKEN</u>
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
		12 TOTAL		

TOTAL CREDITS = 51 HOURS MINIMUM, or 45 credits with a 6 credit internship waiver.

List of Suggested Electives

- BMS 506** Introduction to Immunology (2cr)
- BMS 552** Medical Entomology (3cr)
- BMS 553** Virology (4cr)
- BMS 555** Biodefense Sciences (1cr)
- BMS 556** Biodefense Laboratory (1 cr)
- BMS 557** Biodefense and Emerging Infectious Diseases (1cr)
- BMS 610** Microbial Pathogenesis (3cr)
- BMS 612** Neuroanatomy and Nervous System Disorders (3cr)
- BMS 622** Cancer Biology (3cr)
- BMS 663** Mammalian Molecular Genetics (3cr)
- EPI 514** Computer Programming for Data Management and Analysis in Public Health (3cr)
- EPI 604** Cancer Epidemiology (3cr)
- EPI 610** AIDS Epidemiology (3cr)
- EPI 620** Cardiovascular Diseases Epidemiology (3cr)
- HPM 605** Philosophical and Ethical Issues in Public Health (3cr)

³ For waiver credit, attach description of previous public health experience. The waiver petition must be submitted to Internship Subcommittee for final approval.

⁴ At least 6 credits of internship must be inside your area of concentration. At least 3 credits of internship experience must be in an area outside your concentration.