

## TRACK III BS/MS IN HEALTH PHYSICS

### Year 1 – Fall Semester

LIFE 102	Attributes of Living Systems	4
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry I Lab	1
CO 150	College Composition	3
Core	Arts and Humanities	3

### Year 1 – Spring Semester

LIFE 103	Biology of Organisms	4
CHEM 113	General Chemistry II	3
CHEM 114	General Chemistry II Lab	1
ERHS 220	Environmental Health	3
Core	Historical Perspectives	3

### Year 2 – Fall Semester

CHEM 341	Organic Chemistry I	3
MATH 155	Calculus for the Biological Sci	4
ERHS 230	Field Methods	3
Core	Social/Behavioral Sciences	3
MATH 126	Analytical Trigonometry	1

### Year 2 – Spring Semester

CHEM 343	Organic Chemistry II	3
CHEM 344	Organic Chemistry II lab	2
STAT 307	Introduction to Biostatistics	3
BMS 300	Principles of Human Physiology	4
Core	Additional Communication	3

### Year 3 – Fall Semester

MIP 300	General Microbiology	3
MIP 302	General Microbiology Lab	2
ERHS 320	Environ. Health Water Quality	3
PH 141	Physics for Scientists and Engineers I	5
ERHS 350	Industrial Hygiene and Air	3

### Year 3 – Spring Semester

ERHS 332	Principles of Epidemiology	3
ERHS 492	Environmental Health Seminar	1
Core	Arts/Humanities	3
PH 142	Physics for Scientists and Eng. II	5
M CC 255	Calculus for Biological Sciences II	4

### Year 4 – Fall Semester

ERHS 446	Environmental Toxicology	3
BZ 310	Cell Biology	4
Core	Global/Culture Awareness	3
ERHS 530	Radiation Phys. and Dosimetry I	3
	Electives	2

### Year 4 – Spring Semester

ERHS 487 V	Internship-Environmental Health	7
BC 351	Principles of Biochemistry	4
ERHS 531	Nuc. Instruments and Measures	2
ERHS 550	Principles of Radiation Biology	5
ERHS 630	Radiation Phys. and Dosimetry II	3

### Year 5 – Fall Semester

	Electives	8
ERHS 561	Radiation Public Health	2
ERHS 632	Techniques in Rad. Dosimetry	1
ERHS 786	Practicum	3

### Year 5 – Spring Semester

ERHS 410	Environ. Health Waste Management	3
ERHS 665	Radiochemistry	3
ERHS 563	Environ. Contaminant Modeling	2
	or	
ERHS 570	Radioecology	2
ERHS 693D	Seminar Presentation	1
ERHS 544	Biostat. Methods – Quant. Data	3
	Electives	3