

The Master of Science

Minimum Requirements

36 Total Credit Hours:

- 28 credit hours of coursework
- 2 credit hours of practicum experience
- 6 hours of thesis research

Required Coursework

Year One Fall Semester

PHEP 511	Introduction to Epidemiology	3
PHST 661	Probability	3
PHST 680	Biostatistical Methods I	3

Year One Spring Semester

PHEH 600	Introduction to Environmental Health	3
PHST 662	Mathematical Statistics	3
PHST 681	Biostatistical Methods II	3

Year Two Fall Semester

PHST 602	Biostatistics-Decision Science Seminar	1
PHCI 624**	Clinical Trials I	2
<i>Biostatistics concentration:</i>		
PHST 683	Survival Analysis	3
PHST 666	Master's Thesis Research	3
<i>Decision Science concentration:</i>		
PHDA 601	Introduction to Medical Decision Analysis	3
PHDA 663*	Analysis for Decision Making	3

Year Two Spring Semester

PHST 602	Biostatistics – Decision Science Seminar	1
PHST 603	Public Health Practicum I	2
<i>Biostatistics concentration:</i>		
PHST 684	Categorical Data Analysis	3
PHST 666	Master's Thesis Research	3
<i>Decision Science concentration:</i>		
PHST 666	Master's Thesis Research	6

Total credit hours required for Biostatistics concentration: 36
Total credit hours required for Decision Science concentration: 36

*Cross listed as IE 643

**Students planning to take PHST 724 “Advanced Clinical Trials” also should take PHST 726 “Clinical Trials Statistics Laboratory”.