

Statistical Methods and Practice: 14 total credits = 12.5 required + 1.5 electives

Summer Quarter (4.0 Required Credits)	Fall Quarter (4.0 Required Credits)	Winter Quarter (2.5 Required Credits)	Spring Quarter (2.0 Required Credits)
BIOSTAT 301 (1.0)* Introduction to Epidemiology	BIOSTAT 401 (1.0)* Intermediate Epidemiology	BIOSTAT 502 (1.0) Advanced Biostatistics	PH 441 (0.5)* Ethical Issues in Clinical Research
BIOSTAT 302 (1.0)* Introduction to Biostatistics	BIOSTAT 402 (1.0)* Intermediate Biostatistics	BIOSTAT 521 (1.0) Survival Analysis	BIOSTAT 446 (1.0) Design, Conduct, and Analysis of Clinical Trials
BIOSTAT 306 (1.0)* R Programming	BIOSTAT 305 (1.0)* Data Management and Analysis in SAS	BIOSTAT 560 (0.5) Statistical Consulting	BIOSTAT 561 (0.5)* Thesis
BIOSTAT 303 (1.0) Introduction to Probability Theory	BIOSTAT 403 (1.0)* Statistical Inference	Elective Options Recommend 0.5-1.0	Elective Options Recommend 1.0
<p>*Core course for all MS in Biostatistics Concentrations</p> <p>Required for Concentration (12.5 total)</p> <p>Elective Options (1.5 total)</p>		PH 445 (1.0) Writing and Peer Reviewing for Publication	BIOSTAT 527 (0.5) Statistical Methods for Missing Data
<p>NOTES: The electives reflected here are not exhaustive Full-time status requires 3.0 credits per quarter Full-time students may enroll in up to 4.0 credits per quarter Tuition for 3.0 vs. 4.0 credits is the same</p>		BIOSTAT 565 (0.5) Clinical Database Management	BIOSTAT 445 (1.0) Statistical Learning
BIOSTAT 499 (0.5-1.0) Independent Study		PH 524 (1.0) Cardiovascular Epidemiology	BIOSTAT 522 (0.5) Network Data Analysis Methods
		BIOSTAT 529 (1.0) Genomics and Genetic Data Analysis	

Statistical Bioinformatics: 14 total credits = 11 required + 1.5 selectives + 1.5 electives

Summer Quarter (4.0 Required Credits)	Fall Quarter (4.0 Required Credits)	Winter Quarter (2.0 Required Credits)	Spring Quarter (1.0 Required Credits)
BIOSTAT 301 (1.0)* Introduction to Epidemiology	BIOSTAT 401 (1.0)* Intermediate Epidemiology	BIOSTAT 502 (1.0) Advanced Biostatistics	PH 441 (0.5)* Ethical Issues in Clinical Research
BIOSTAT 302 (1.0)* Introduction to Biostatistics	BIOSTAT 402 (1.0)* Intermediate Biostatistics	BIOSTAT 529 (1.0) Genomics and Genetic Data Analysis	BIOSTAT 561 (0.5)* Thesis
BIOSTAT 306 (1.0)* R Programming	BIOSTAT 305 (1.0)* Data Management and Analysis in SAS	Selective / Elective Options Recommend 1.0-1.5	Selective / Elective Options Recommend 1.0
BIOSTAT 303 (1.0) Introduction to Probability Theory	BIOSTAT 403 (1.0)* Statistical Inference	HSIP 442 (1.0) Health and Biomedical Informatics Methods II	BIOSTAT 445 (1.0) Statistical Learning
*Core course for all MS in Biostatistics Concentrations			
Required for Concentration (11 total)			
Selective Options (Minimum 1.5 total credits)			
Elective Options (1.5 total)			
NOTES: The electives reflected here are not exhaustive Full-time status requires 3.0 credits per quarter Full-time students may enroll in up to 4.0 credits per quarter Tuition for 3.0 vs. 4.0 credits is the same			
BIOSTAT 499 (0.5-1.0) Independent Study		BIOSTAT 521 (1.0) Survival Analysis	BIOSTAT 522 (0.5) Network Data Analysis Methods
		BIOSTAT 560 (0.5) Statistical Consulting	BIOSTAT 446 (1.0) Design, Conduct, and Analysis of Clinical Trials
		PH 445 (1.0) Writing and Peer Reviewing for Publication	BIOSTAT 527 (0.5) Statistical Methods for Missing Data
		BIOSTAT 565 (0.5) Clinical Database Management	
		PH 524 (1.0) Cardiovascular Epidemiology	

Population Health Analytics: 14 total credits = 11.0 required + 1.0 selectives + 2.0 electives

Summer Quarter (3.0 Required Credits)	Fall Quarter (3.0 Required Credits)	Winter Quarter (3.0 Required Credits)	Spring Quarter (2.0 Required Credits)
BIOSTAT 301 (1.0)* Introduction to Epidemiology	BIOSTAT 401 (1.0)* Intermediate Epidemiology	BIOSTAT 501 (1.0) Advanced Epidemiology	PH 441 (0.5)* Ethical Issues in Clinical Research
BIOSTAT 302 (1.0)* Introduction to Biostatistics	BIOSTAT 402 (1.0)* Intermediate Biostatistics	PH 445 (1.0) Writing and Peer Reviewing for Publication	BIOSTAT 561 (0.5)* Thesis
BIOSTAT 306 (1.0)* R Programming	BIOSTAT 305 (1.0)* Data Management and Analysis in SAS	BIOSTAT 560 (0.5) Statistical Consulting	BIOSTAT 446 (1.0) Design, Conduct, and Analysis of Clinical Trials
Selective / Elective Options Recommend 1.0	Selective / Elective Options Recommend 1.0	BIOSTAT 565 (0.5) Clinical Database Management	Selective / Elective Options Recommend 1.0-2.0
PH 412 (1.0) Infectious Disease Epidemiology and Prevention	PH 301 (1.0) Behavior, Society, & Health	Selective / Elective Options Recommend 1.0	PH 525 (1.0) Cancer Epidemiology
BIOSTAT 303 (1.0) Introduction to Probability Theory	PH 415 (1.0) Disease Prevention & Health	PH 524 (1.0) Cardiovascular Epidemiology	BIOSTAT 527 (0.5) Statistical Methods for Missing Data
	BIOSTAT 403 (1.0)* Statistical Inference	BIOSTAT 502 (1.0) Advanced Biostatistics	BIOSTAT 522 (0.5) Network Data Analysis Methods
*Core course for all MS in Biostatistics Concentrations			
Required for Concentration (11.0 total)			
Selective Options (Minimum 1.0 total credits)			
Elective Options (2.0 total)			

NOTES:

The electives reflected here are not exhaustive
 Full-time status requires 3.0 credits per quarter
 Full-time students may enroll in up to 4.0 credits per quarter
 Tuition for 3.0 vs. 4.0 credits is the same

BIOSTAT 499 (0.5-1.0)
Independent Study

BIOSTAT 445 (1.0)
Statistical Learning