

DEPARTMENT OF BIOSTATISTICS MS DEGREE REQUIREMENT WORKSHEET

Student:

PeopleSoft #:

Start Date:

Statute of Limitations:

Academic Advisor:

Provisional Requirements

Completed	Provision

Course Requirements

A minimum of 40 credits are required.

Core Courses

Completed	Course	Credits	Grade	Credit Transfer	Waiver
	BIOST 2025: Biostatistics Seminar	1			
	BIOST 2037: Foundations of Statistical Theory	4			
	BIOST 2039: Biostatistical Methods	3			
	BIOST 2049: Applied Regression Analysis	3			
	BIOST 2050: Longitudinal and Clustered Data Analysis	2			
	BIOST 2066: Applied Survival Analysis: Methods and Practice	2			
	BIOST 2081: Mathematical Methods for Statistics	3			
	BIOST 2087: Biostatistics Consulting Practicum	1			
	BIOST 2093: SAS for Data Management and Analysis	2			
	EPIDEM 2110: Principles of Epidemiology	3			
	PUBHLT 2011: Essentials of Public Health	3			
	PUBHLT 2022: Public Health Grand Rounds				
	– 1 st term	0			
	– 2 nd term	0			
	BIOST 2021: Special Studies or BIOST 2022, 2099 Capstone Sequence*				
	– 1st term (BIOST 2021 or BIOST 2022)	1			
	– 2nd term (BIOST 2021 or BIOST 2099)	2			

* Upon successful completion of the MS Comprehensive Examination requirement, MS students are required to register for either two-semester, three credits total, of Special Studies (BIOST 2021) or Capstone sequence (BIOST 2022: Capstone preparation and BIOST 2099 Capstone): 1 credit in the penultimate semester of study to prepare a thesis topic and 2 credits taken in the final semester for the thesis work.

BIOST Electives

Students must complete BIOST elective credits to bring the total number of course credits to 40. Students must choose at least 10 credits of elective courses from the list provided below*.

Completed	Course	Credits	Grade	Credit Transfer
	BIOST2036 Introduction to Health Data Science	2		
	BIOST2056 Statistical Evaluation of Biomarkers and Classification Tools	3		
	BIOST2062 Clinical Trials: Methods and Practice	3		
	BIOST2063 Bayesian Data Science	3		
	BIOST2067 Applied Meta-Analysis	1		
	BIOST2068 Introduction to Causal Inference	3		
	BIOST2069 Statistical Methods for Omics Data	2		
	BIOST2079 Intro Stat Learning for Health Sciences	2		
	BIOST 2080: Advanced Statistical Learning	2		
	BIOST2094 Advanced R Computing	2		

* In situations where a student’s special interests or needs indicate an alternative course is more appropriate it may be substituted with the permission of the student’s academic advisor BIOST 2025 cannot be used to fulfill elective credits.

MS Comprehensive Examination

Attempt	Date	Result
First		
Second <i>(if applicable)</i>		

MS Thesis/Capstone

	Date	Result
Defense Presentation		

Term	Term GPA	Term Credits	CUM. GPA	CUM. Credits

Notes