DEPARTMENT OF BIOSTATISTICS
MS HDS 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 2036: Introduction to Health Data Science	2			
	BIOST 2037: Foundations of Statistical Theory	4			
	BIOST 2039: Biostatistical Methods	3			
	BIOST 2049: Applied Regression Analysis	3			
	BIOST 2079: Introductory Statistical Learning for Health Sciences	2			
	BIOST 2081: Mathematical Methods for Statistics	3			
	BIOST 2087: Biostatistics Consulting Practicum	1			
	BIOST 2094: Advanced R Programming	2			
	EPIDEM 2110: Principles of Epidemiology	3			
	PUBHLT 2011: Essentials of Public Health	3			
	PUBHLT 2022: Public Health Grand Rounds – 1st term – 2nd term	0 0			
	BIOST 2021: Special Studies or BIOST 2022, 2099 Capstone Sequence * – 1st term (BIOST 2021 or BIOST 2022) – 2nd term (BIOST 2021 or BIOST 2099)	1 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.*

HDS Electives

Students must complete HDS elective credits to bring the total number of course credits to 40 (including three credits earned later for Thesis/Capstone studies). BIOST 2025 cannot be used fulfill elective credits. Students must choose at least 10 credits of elective courses from the list provided below*.

Completed	Course	Credits	Grade	Credit Transfer
	BIOST 2063: Bayesian Data Science	3		
	BIOST 2080: Advanced Statistical Learning	2		
	BIOST 2093: SAS for Data Management & Analysis	2		
	BMIS 2542: Data Programming Essentials with Python	3		
	BMIS 2588: Data Base Management	3		
	INFSCI 2160: Data Mining	3		
	INFSCI 2410: Introduction to Neural Networks	3		
	INFSCI 2595: Machine Learning	3		
	INFSCI 2725: Data Analytics *Prior R, Java, or Python programming experience required*	3		
	PHARM 5834: Python for Data Management and Analytics	3		
	STAT 2270: Data Mining	3		

* 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 *(if applicable)*		

MS Thesis/Capstone

	Date	Result
Defense Presentation		

Term	Term GPA	Term Credits	CUM. GPA	CUM. Credits

Notes