DEPARTMENT OF BIOSTATISTICS
MS DEGREE REQUIREMENT WORKSHEET

Student: PeopleSoft #:

Start Date:

Statute of Limitations:

Academic Advisor:

Provisional Requirements

For students accepted provisionally

Completed	Provision	Credits	Grade	Term

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	2			
	BIOST 2081: Mathematical Methods for Statistics	3			
	BIOST 2087: Biostatistics Consulting Practicum	1			
	BIOST 2093: SAS for Data Management and Analysis	2			
	BIOST 2022: Capstone Preparation	1			
	BIOST 2099: Capstone	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 Electives

Students must complete BIOST elective credits to bring the total number of course credits to 40. In situations where a student's special interests or needs indicate an alternative non-BIOST course is more appropriate it may be substituted with the permission of the student's academic advisor. BIOST 2025 cannot fulfill elective credits.

Completed	Course	Credits	Grade	Credit Transfer

MS Comprehensive Examination

Attempt	Date	Result
First Sitting		
Second Sitting		

BIOST 2099: Capstone – MS Thesis Requirement

	Date	Result
Defense Presentation		

Term	Term GPA	Term Credits	CUM. GPA	CUM. Credits

Notes

University of Pittsburgh | School of Public Health

MS Student Schedules

Eighteen-Month Schedule

Fall 1st Year

BIOST 2037	Foundations of Statistical Theory	4 credits
BIOST 2039	Biostatistical Methods	3 credits
BIOST 2081	Mathematical Methods for Statistics	3 credits
EPIDEM 2110	Principles of Epidemiology	3 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits

Spring 1st Year

BIOST 20222	Capstone Preparation	1 credit
BIOST 2049	Applied Regression Analysis	3 credits
BIOST 2093	SAS for Data Management & Analysis	2 credits
PUBHLT 2011	Essentials of Public Health	3 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits
ELECTIVE(S)		

May of 1st Year	*MS Comprehensive Exam*

Fall 2nd Year

BIOST 2025	Biostatistics Seminar	1 credit
BIOST 2050	Longitudinal and Clustered Data Analysis	2 credits
BIOST 2066	Applied Survival Analysis	2 credits
BIOST 2087	Biostatistics Consulting Practicum	1 credit
BIOST 2099	Capstone	2 credits
ELECTIVE(S)		

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MS Student Schedules

Two-Year Schedule

Fall 1st Year

BIOST 2037	Foundations of Statistical Theory	4 credits
BIOST 2039	Biostatistical Methods	3 credits
BIOST 2081	Mathematical Methods for Statistics	3 credits
EPIDEM 2110	Principles of Epidemiology	3 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits

Spring 1st Year

BIOST 2049	Applied Regression Analysis	3 credits
BIOST 2093	SAS for Data Management & Analysis	2 credits
PUBHLT 2011	Essentials of Public Health	3 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits
ELECTIVE(S)		

May of 1st Year	*MS Comprehensive Exam*

Fall 2nd Year

BIOST 2022	Capstone Preparation	1 credit
BIOST 2025	Biostatistics Seminar	1 credit
BIOST 2050	Longitudinal and Clustered Data Analysis	2 credits
BIOST 2066	Applied Survival Analysis	2 credits
ELECTIVE(S)		

Spring 2nd Year

BIOST 2087	Biostatistics Consulting Practicum	1 credit
BIOST 2099	Capstone	2 credits
ELECTIVE(S)		

DEPARTMENT OF BIOSTATISTICS
MS HDS DEGREE REQUIREMENT WORKSHEET

Student: PeopleSoft #:

Start Date:

Statute of Limitations:

Academic Advisor:

Provisional Requirements

For students accepted provisionally

Completed	Provision	Credits	Grade	Term

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			
	BIOST 2022: Capstone Preparation	1			
	BIOST 2099: Capstone	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			

HDS Electives

Students must complete HDS elective credits to bring the total number of course credits to 40. 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 fulfill elective credits.

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: Database 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		

MS Comprehensive Examination

Attempt	Date	Result
First Sitting		
Second Sitting		

BIOST 2099: Capstone – MS Thesis Requirement

	Date	Result
Defense Presentation		

Term	Term GPA	Term Credits	CUM. GPA	CUM. Credits

Notes

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MS HDS Student Schedule

Fall 1st Year

BIOST 2036	Introduction to Health Data Science	2 credits
BIOST 2037	Foundations of Statistical Theory	4 credits
BIOST 2039	Biostatistical Methods	3 credits
BIOST 2081	Mathematical Methods for Statistics	3 credits
EPIDEM 2110	Principles of Epidemiology	3 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits

Spring 1st Year

BIOST 2025	Biostatistics Seminar	1 credit
BIOST 2049	Applied Regression Analysis	3 credits
BIOST 2094	Advanced R Programming	2 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits
HDS ELECTIVE(S)		

May of 1st Year MS Comprehensive Exam

Fall 2nd Year

BIOST 2022	Capstone Preparation	1 credit
BIOST 2079	Introductory Statistical Learning for Health Sciences	2 credits
BIOST 2087	Biostatistics Consulting Practicum	1 credit
HDS ELECTIVE(S)		

Spring 2nd Year

BIOST 2099	Capstone	2 credits
PUBHLT 2011	Essentials of Public Health	3 credits
HDS ELECTIVE(S)		

DEPARTMENT OF BIOSTATISTICS
MS SCG DEGREE REQUIREMENT WORKSHEET

Student: PeopleSoft #:

Start Date:

Statute of Limitations:

Academic Advisor:

Provisional Requirements

For students accepted provisionally

Completed	Provision	Credits	Grade	Term

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 2069: Statistical Methods for Omics Data	2			
	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			
	BIOST 2022: Capstone Preparation	1			
	BIOST 2099: Capstone	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			

SCG Electives

Students must complete SCG elective credits to bring the total number of course credits to 40. In situations where a student's special interests or needs indicate an alternative non-BIOST course is more appropriate it may be substituted with the permission of the student's academic advisor. BIOST 2025 cannot fulfill elective credits.

Completed	Course	Credits	Grade	Credit Transfer
	BIOSC 2140: Genomics	2		
	BIOSC 2940: Molecular Biology	3		
	BIOST 2080: Advanced Statistical Learning	2		
	HUGEN 2022: Population Genetics	2		
	HUGEN 2029: Introduction to Gene Mapping	3		
	HUGEN 2071: Genomic Data Processing & Structure	3		
	HUGEN 2072: Genomic Data Pipelines & Tools	3		
	HUGEN 2073: Genomic Data Visualization & Integration	3		
	HUGEN 2080: Statistical Genetics	3		

MS Comprehensive Examination

Attempt	Date	Result
First Sitting		
Second Sitting		

BIOST 2099: Capstone – MS Thesis Requirement

	Date	Result
Defense Presentation		

Term	Term GPA	Term Credits	CUM. GPA	CUM. Credits

Notes

University of Pittsburgh | School of Public Health

SCG Student Schedule

Fall 1st Year

BIOST 2037	Foundations of Statistical Theory	4 credits
BIOST 2039	Biostatistical Methods	3 credits
BIOST 2081	Mathematical Methods for Statistics	3 credits
EPIDEM 2110	Principles of Epidemiology	3 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits

Spring 1st Year

BIOST 2025	Biostatistics Seminar	1 credit
BIOST 2049	Applied Regression Analysis	3 credits
BIOST 2094	Advanced R Programming	2 credits
PUBHLT 2022	Public Health Grand Rounds	0 credits
SCG ELECTIVE(S)		

May of 1st Year MS Comprehensive Exam

Fall 2nd Year

BIOST 2022	Capstone Preparation	1 credit
BIOST 2069	Statistical Methods for Omics Data	2 credits
BIOST 2079	Introductory Statistical Learning for Health Sciences	2 credits
BIOST 2087	Biostatistics Consulting Practicum	1 credit
SCG ELECTIVE(S)		

Spring 2nd Year

BIOST 2099	Capstone	2 credits
PUBHLT 2011	Essentials of Public Health	3 credits
SCG ELECTIVE(S)		