

**DEPARTMENT OF BIOSTATISTICS  
PHD DEGREE REQUIREMENT WORKSHEET**

Student Name:

PeopleSoft #:

Entered Program:

Statute of Limitation:

Advisor:

**Provisional Requirements**

*For students accepted provisionally*

Completed	Provision	Credits	Term

**Required Courses**

A minimum of 72 credits are required

Completed	Course #	Course Name	Credits	Grade	Credit Transfer	Waiver
	BIOST 2025	Biostatistics Seminar	1			
			1			
			1			
	BIOST 2037	Foundations of Statistical Theory	4			
	BIOST 2039	Biostatistical Methods	3			
	BIOST 2044	Introduction to Statistical Theory II	3			
	BIOST 2049	Applied Regression Analysis	3			
	BIOST 2050	Longitudinal and Clustered Data Analysis	2			
	BIOST 2051	Statistical Estimation Theory	3			
	BIOST 2054	Survival Analysis	3			
	BIOST 2061	Likelihood Theory & Applications	2			
	BIOST 2083	Linear Models	3			
	BIOST 2086	Applied Mixed Models Analysis	3			
	BIOST 2087	Biostatistics Consulting Practicum	1			
	BIOST 2093	SAS for Data Management & Analysis	2			
	EPIDEM 2110	Principles of Epidemiology	3			
	PUBHLT 2011	Essentials of Public Health	3			
	PUBHLT 2022	Public Health Grand Rounds	0			
			0			

### **BIOST Elective Courses**

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 primary academic advisor.

***6 of the following courses:***

<b>Completed</b>	<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>	<b>Grade</b>	<b>Credit Transfer</b>
	BIOST 2016	Sampling Design & Analysis	2		
	BIOST 2036	Introduction to Health Data Science	2		
	BIOST 2040	Elements of Stochastic Processes	3		
	BIOST 2052	Multivariate Analysis	3		
	BIOST 2056	Statistical Evaluation of Biomarkers & Classification Tools	3		
	BIOST 2058	Scientific Communication Skills	2		
	BIOST 2059	Constrained Statistical Inference with Applications	2		
	BIOST 2062	Clinical Trials: Methods & Practice	3		
	BIOST 2063	Bayesian Data Science	3		
	BIOST 2065	Analysis of Incomplete Data	3		
	BIOST 2068	Introduction to Causal Inference	3		
	BIOST 2069	Statistical Methods for Omics Data	2		
	BIOST 2079	Introductory Statistical Learning for Health Sciences	2		
	BIOST 2080	Advanced Statistical Learning	2		
	BIOST 2094	Advanced R Computing	2		
	BIOST 2096	Numerical Methods in Biostatistics	3		

### **Outside Elective Courses**

***At least 3 credits taken outside BOST***

<b>Completed</b>	<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>	<b>Grade</b>	<b>Credit Transfer</b>

### **Research/Dissertation Courses**

***3 credits of BOST 3010 or 1 term of FTDR 3999***

BOST 3010

FTDR 3999

