# 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

					Credit	
Completed	Course #	Course Name	Credits	Grade	Transfer	Waiver
			1			
	BIOST 2025	Biostatistics Seminar	1			
			1			
	DIOCT 2027	Foundations of Statistical	4			
	BIOST 2037	Theory	4			
	BIOST 2039	Biostatistical Methods	3			
	BIOST 2044	Introduction to Statistical	3			
	BIOST 2044	Theory II	3			
	BIOST 2049	Applied Regression Analysis	3			
	BIOST 2050	Longitudinal and Clustered Data	2			
	BIO31 2030	Analysis				
	BIOST 2051	Statistical Estimation Theory	3			
	BIOST 2054	Survival Analysis	3			
	BIOST 2061	Likelihood Theory &	2			
		Applications				
	BIOST 2083	Linear Models	3			
	BIOST 2086	Applied Mixed Models Analysis	3			
	BIOST 2087	Biostatistics Consulting	1			
	BIUST 2087	Practicum	1			
	BIOST 2093	SAS for Data Management &	2			
	BIOST 2093	Analysis	2			
	EPIDEM 2110	Principles of Epidemiology	3			
	PUBHLT 2011	Essentials of Public Health	3			
	DUDUIT 2022		0			
	PUBHLT 2022	Public Health Grand Rounds	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:

					Credit
Completed	Course #	Course Name	Credits	Grade	Transfer
	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 BIOST

Completed	Course #	Course Name	Credits	Grade	Credit Transfer

Research/Dissertation Courses	
3 credits of BIOST 3010 or 1 term of FTDR 3999	
□ DIOCT 2040	
☐ BIOST 3010	
FTDR 3999	

## **Milestones**

1. Doctoral Preliminary Evaluation (Qualifying Exam)

	Theory	Applied	Overall	Date
Attempt 1				
Attempt 2				
(if applicable)				

7.	Exit Survey	=
6.	Dissertation Defense	
	At least one of the manuscripts, based on the dissertation and first authored by t must be submitted before the PhD dissertation defense.	he student
5.	Manuscript Submitted	
4.	Admission Doctoral Candidacy	-
3.	Doctoral Comprehensive Exam	-
2.	Doctoral Overview/Prospectus	

Term	Term GPA	Term Credits	CUM. GPA	CUM. Credits	IDP

**Notes**