UWM | JOSEPH J. ZILBER School of Public Health

*Plan of Study Fillable Worksheet – **MS BIOSTATISTICS (42 Credits)***

STUDENT NAME:_____	GRADUATION:_____

CHECK BOX CORRESPONDING TO THE SEMESTER YOU COMPLETE EACH COURSE

ENTER THE NUMBER OF CREDITS IN "# CREDITS," OR TYPE TRANSFER, IF APPLICABLE.

COURSE NUMBER	COURSE TITLE	# CREDITS	Transfer Classes if Applicable	Fall	Spring	Summer	ENTER YEAR
Required Courses (33 credits)							
PH 702	Introduction to Biostatistics (3 credits)						
PH 704	Principles of Epidemiology (3 credits)						
PH 711	Intermediate Biostatistics (3 credits)						
PH 712	Probability and Statistical Inference* (3 credits)						
PH 715	Applied Categorical Data (3 credits)						
PH 716	Applied Survival Analysis (3 credits)						
PH 717	Applied Longitudinal Data Analysis (3 credits)						
PH 718	Data Management and Visualization in R (3 credits)						
PH 801	Seminar in Public Health Research (3 credits)						
PH 813	Practice of Biostatistical Consulting (3 credits)						
PH 895	Research and Thesis for MS in Biostatistics (3 credits)						
Subject Matter S Electives, Choose 2 (6 credits)							
PH 714	Statistical Genetics and Genetic Epidemiology (3 credits)						
PH 721	Introduction to Translational Bioinformatics (3 credits)						
PH 722	An Introduction to Bayesian Statistics (3 credits)						
PH 723	Design, Conduct and Analysis of Clinical Trials (3 credits)						
PH 812	Statistical Learning & Data Mining (3 credits)						
PH 818	Statistical Computing (3 credits)						
ED PSY 823	Structural Equation Modeling (3 credits)						
ED PSY 832	Theory of Hierarchical Linear Modeling (3 credits)						
COMPSCI 708	Scientific Computing (3 credits)						
COMPSCI 711	Introduction to Machine Learning (3 credits)						
Public Health & Biology Electives, Choose 1 (3 credits)							
PH 703	Environmental Health Sciences (3 credits)						

PH 705	Principles of Public Health Policy and Administration (3 credits)						
PH 706	Perspectives on Community & Behavioral Health (3 credits)						
BIO SCI 597	RNA Structure, Function, and Metabolism (3 credits)						
BIO SCI 490	Molecular Genetics (3 credits)						
CREDIT TOTAL (Must equal at least 42 to graduate)							

*Or advisor approved equivalent