

MS Biostatistics Major Academic Advising and Tracking Form

Department of Biostatistics & Epidemiology

(Requirements Apply to Students Admitted Fall (2016))

Name: _____ SPIRE ID _____

Date of matriculation: _____

A. Foundational Prerequisites

With advisor approval, prior coursework can be used to fulfill the following foundational prerequisites. If relevant coursework has been taken, put an "NA" in the Sem/Yr column and list the course on the right.

<i>Sem/Yr</i>		<i>Relevant Prior Coursework</i>
_____	BIOSTATS 540 Introduction to Biostatistics	_____
_____	BIOSTATS 650 Applied Regression Modeling	_____
_____	STAT 515 Mathematical Statistics I	_____
_____	STAT 516 Mathematical Statistics II	_____
_____	STAT 597 Introduction to Statistical Computing with R	_____

_____ = Number of credits needed for completion of MS (i.e. 30 + number of prerequisite credits needed)

B. Required Public Health (6 credits)

Sem/Yr

_____ EPI 630 Principles of Epidemiology

and **one** of the following courses:

_____ EHS 565 Environmental Health Practices

_____ HPP 601 Application of Social & Behavioral Theories in Pub Hlth Interventions

_____ HPP 620 Introduction to the US Health Care System

C. Required Biostatistics Core (12 credits)

Sem/Yr

_____ BIOSTATS 691F Data Management and Analysis using SAS

and **three** of the following five courses

_____ BIOSTATS 690JQ Applied Statistical Learning

_____ BIOSTATS 697G Bayesian Computation in Biostatistics

_____ BIOSTATS 743 Categorical Data Analysis

_____ BIOSTATS 740 Mixed Models & Longitudinal Data

_____ BIOSTATS 748 Applied Survival Analysis

D. Required Culminating Experience Choose one of the following:

1. Comprehensive Exam (6 credits). Offered in February of the second year. Students who opt to take the exam will not receive course credit for the exam, but will take electives to fill out their required credits.

Date of Comprehensive Exam: ____ / ____ / ____ P/F ____ ; **OR**

2. MS thesis. After identifying a thesis project and advisor, students may register for up to six credits of thesis credit. A written document conforming to the standards of the graduate school and an oral defense are required for this option.

E. Electives Biostats/Stat/Epi/Computer Science (up to 12 credits)

<i>Sem/Yr</i>	<i>Credits</i>	<i>Course Name</i>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

F. Course Credits Approved for Transfer by Graduate Program Director:

Total of 12 credits max: 6 max from UMass (including UMass/Worcester), 6 max from non-UMass school.

Graduate credits must not have been previously used for a degree, and must carry a "B" or better.

Courses listed in section A should not be listed here.

<i>Sem/Yr</i>	<i>Credits</i>	<i>Course Name</i>	<i>Institution</i>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

G. Advisor Contact Record: (When a MS thesis proposal is submitted, the chair of the committee becomes the student's advisor. This record should be transferred if chair is not the former advisor.)

<i>Advisor</i>	<i>Date</i>	<i>Reason for Assignment Change</i>
_____	_____	_____
_____	_____	_____

Certification of Total Credits / All Degree Requirements Satisfied:

Faculty Advisor Signature

Date