



**Robert Stempel College
of Public Health
& Social Work**

Doctor of Philosophy in Public Health w/ concentration in **Biostatistics and Data Analytics**
Advising Sheet

RSCPHSW: <https://stempel.fiu.edu/> • Careers in Public Health: www.asph.org
For all Course Registration: <https://my.fiu.edu/>

NAME:	PID#:	ADMITTED:
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I. Public Health Core Courses – 12 credits of required coursework. Must earn a grade of B or better in each course.

PREFIX	COURSE DESCRIPTION	HOURS	TERM	GRADE	PREREQUISITES
PHC 6601	Emerging Issues in Public Health	3			
PHC 6091	Biostatistics 2	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 7705	Methods in Evidence Based Public Health	3			
PHC 7981	Research Concepts and Proposal Development	3			

II. Biostatistics and Data Analytics Core Courses – 12 credits of required coursework. Must earn a grade of B or better in each course.

PREFIX	COURSE DESCRIPTION	HOURS	TERM	GRADE	PREREQUISITES
PHC 7050	Advanced Biostatistics I	3			
PHC 7051	Advanced Biostatistics II	3			PHC 7050 or instructor permission
PHC 7054	Advanced Biostatistics III	3			PHC 7051 or instructor permission
PHC 6080	SAS Computing for the Health Sciences OR	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6099	R Computing for Health Sciences	3			PHC 6091 or instructor permission

III. Biostatistics and Data Analytics Elective Courses – 36 credits of required coursework. Must earn a grade of B or better in each course.

PREFIX	COURSE DESCRIPTION	HOURS	TERM	GRADE	PREREQUISITES
PHC 6056	Longitudinal Data Analysis	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6059	Survival Data Analysis	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6060	Principles and Approaches to Biostatistical Consulting	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6064	Applied Statistical Methods for Discrete Data	3			PHC 6052 or instructor permission
PHC 6067	Probabilistic Graphical Models	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6080	SAS Computing for the Health Sciences	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6084	Introduction to Bayesian Inference	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 6099	R Computing for Health Sciences	3			PHC 6091 or instructor permission

PHC 6701	Advanced R Computing	3			PHC 6099 or instructor permission
PHC 6931	Special Topic in Biostatistics	1-3			PHC 6052, PHC 6091, or permission of the instructor
PHC 7064	Applied Structural Equation Modeling	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 7083	Advanced Bayesian Inference	3			PHC 6084 or instructor permission
PHC 7719	Multivariate Methods in Health Sciences Research	3			PHC 6052, PHC 6091, or permission of the instructor
PHC 7982	Public Health Pre-Dissertation Research	1-6			Must be approved by Major Professor

IV. Doctoral Seminar – (1-6 credits)

PREFIX	COURSE DESCRIPTION	HOURS	TERM	GRADE	PREREQUISITES
PHC 7933	Seminar in Biostatistics	1-6			Must be approved by Major Professor

V. Dissertation – 15 credits of required coursework. Must be approved by Major Professor.

PREFIX	COURSE DESCRIPTION	HOURS	TERM	GRADE	PREREQUISITES
PHC 7980	Dissertation	3			Must be approved by Major Professor

Graduation Requirements:

1. Satisfy all requirements for Ph.D. in Public Health with a major in Biostatistics and Data Analytics.
2. Must earn a grade of B or better in each course.
3. Complete a minimum of 75 semester hours of graduate-level coursework in the approved program.
4. Earn a minimum overall GPA of 3.0 in all coursework completed.
5. Complete Forms D1-D7 (Dissertation Approval Forms) as per University Graduate School (UGS) guidelines and deadlines.
Forms can be accessed at <https://gradschool.fiu.edu/students/#Studentforms>
6. Meet with Major Professor to assure graduation before final semester.
7. Apply for graduation online at my.fiu.edu. (See Univ. Grad Catalog for most current deadlines).
8. Complete Robert Stempel College of Public Health Exit Survey prior to graduation.