

BIOS 680: INTRODUCTORY SURVIVORSHIP ANALYSIS

SPRING 2018

PREREQUISITES: BIOS 661 or permission of the instructor

LECTURE HOURS: Tuesday, Thursday 9:30 – 10:45 AM
Classroom: 2301 McGavran-Greenberg Hall

COURSE WEBSITE: <http://www.bios.unc.edu/~mhudgens/bios/680/2018/bios680.html>

INSTRUCTOR: Michael G Hudgens, PhD
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Office Hours: Monday 1-2p, 1302 McG

OBJECTIVE: The course will introduce basic concepts in the analysis of survival data. It will be oriented toward application and interpretation of various methodologies. Examples will be drawn mostly from medical and epidemiologic research.

REQUIRED TEXT: D. Collett, “Modelling Survival Data in Medical Research,” Third Edition, 2015.

OPTIONAL TEXT: P. D. Allison, “Survival Analysis Using the SAS System: A Practical Guide,” Second Edition, 2010.
(Available electronically through UNC library)

COMPUTING SOFTWARE: SAS, R

COURSEWORK:	% Grade
Homework	25
Midterm Exam: In class, Thurs 8 Mar	25
Project : Due last day of class, Thurs 26 April	15
Final Exam: Friday 4 May at 8a	<u>35</u>
	100

The course final exam will be given in compliance with UNC final exam regulations and according to the UNC Final Exam calendar.

GRADING: H 90-100%, P 70-89%, L 55-69%, F <55%

HONOR CODE: The University of North Carolina at Chapel Hill has had a student-led honor system for over 100 years. Academic integrity is at the heart of Carolina and we all are responsible for upholding the ideals of honor and integrity. The student-led Honor System is responsible for adjudicating any suspected violations of the Honor Code and all **suspected** instances of academic dishonesty will be reported to the honor system. Information, including your responsibilities as a student is outlined in the Instrument of Student Judicial Governance. Your full participation and observance of the Honor Code is expected.

All academic work in this course, including homeworks, the project, and the exams, is to be your own work, unless otherwise specifically provided. It is your responsibility if you have any doubt to confirm whether or not collaboration is permitted.

For additional information: <http://studentconduct.unc.edu/>

SYLLABUS CHANGES: The instructor reserves the right to make changes to the syllabus, including the project due date and test dates. These changes will be announced as early as possible.

Updated: 11 Jan 2018

Revised: 27 Feb 2018 (office hour change)