BIOS 680: INTRODUCTORY SURVIVORSHIP ANALYSIS

SPRING 2020

PREREQUISITES: BIOS 661 or permission of the instructor

LECTURE HOURS: Monday, Wednesday 9:05 – 10:20 AM ET
Classroom: Remote via Zoom

COURSE WEBSITE: http://www.bios.unc.edu/~mhudgens/bios/680/2020/bios680.html

INSTRUCTOR:
Michael G Hudgens, PhD
Professor
Department of Biostatistics

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Phone: 919 966 7253
Office Hours: Tues 9:00-10:00 AM ET, Remote via Zoom

Graders: Beibo Zhao, John Kidd
Email: beibo@live.unc.edu, statkidd@email.unc.edu
Office Hours: Thurs 10-11a, Remote via Zoom

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, Wed 4 Mar	25
Project : Wed 29 April	15
Final Exam: Monday 4 May at 8a (tentative)	35
	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 55-89%, 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.

DIVERSITY/INCLUSION: Valuing, Recognizing, and Encouraging Diversity: Promoting and valuing diversity in the classroom enriches learning and broadens everyone's perspectives. Inclusion and tolerance can lead to respect for others and their opinions and is critical to maximizing the learning that we expect in this course. Our own closely held ideas and personal comfort zones may be challenged. The results, however, create a sense of community and promote excellence in the learning environment. Diversity includes consideration of (1) the variety of life experiences others have had, and (2) factors related to "diversity of presence," including age, economic circumstances, ethnic identification, disability, gender, geographic origin, race, religion, sexual orientation, social position. This class will follow principles of inclusion, respect, tolerance, and acceptance that support the values of diversity.

Updated: 1 Apr 2020