

**STOR 556, SPRING 2019**  
**ADVANCED METHODS OF DATA ANALYSIS**  
**Instructor: Richard L. Smith**

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This course is on Tuesdays and Thursdays, 9:30-10:45 am.

Location: Hanes 120

Instructor: Richard L. Smith, Hanes 303. Telephone 962-2660; email  
rls at email.unc.edu

Office hours: Mondays 1:00-3:30; Wednesdays 1:00-3:00.

Instructional Assistant: Zichao Li

*Required Text: Extending the Linear Model with R: Generalized Linear, Mixed Effects and Nonparametric Regression Models, Second Edition* by Julian J. Faraway, Published 2016, Chapman and Hall/CRC Press.

<https://www.crcpress.com/Extending-the-Linear-Model-with-R-Generalized-Linear-Mixed-Effects-and/Faraway/p/book/9781498720960>

Course webpage: <https://rls.sites.oasis.unc.edu/s556-2019/s556.html>

The first class is on Thursday, January 10 and the last class is on Thursday, April 25. There will be no class March 12 or 14 because of Spring Break. The final exam is fixed by the University Registrar for **Friday, May 3 at 8:00 am.**

There is a possibility I will decide to replace the final exam with a take-home exam but, for a class this size, this will require some coordinating. Unless or until announced otherwise, please assume there will be a regular in-class exam; if I intend to make a different arrangement, I will let you know well in advance.

In addition to the final exam, there will be homeworks at roughly two-week intervals, and a midterm exam. The midterm is tentatively scheduled for **Thursday, February 28** ; however, I have more flexibility to change that than I do for the final exam, so please let me know if you foresee any conflict at that time.

You are reminded that the university Honor Code is in effect for this course. For homework assignments, you are allowed to discuss the problems among yourselves, but the work you hand in must be your own; direct copying is not permitted. For exams, whether in-class or take-home, you are expected to work the problems entirely by yourselves and consultation of any kind is forbidden, unless it is with me or the Instructional Assistant.