



# Exploring Data with

This course will provide students with a basic foundation in R

We will focus primarily on 3 components:

- data processing
- data visualization
- reproducible workflows

This course is oriented around the philosophy of tidy data.

Tools within the *tidyverse* will be emphasized.

Instructor

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**EDLD 610**

**CRN 17214**

**Straub 252**

**Monday/Wednesday**

**10:00-11:50 AM**

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Educational Methodology,  
Policy, and Leadership

*The tidyverse is a suite of packages developed by RStudio, generally led by Hadley Wickham, which are all optimized for tidy data. The focus of this course is on working with R, as opposed to the specifics of any given analysis. Students should, therefore, expect to acquire a basic understanding of the foundational practices of exploring data within the R framework. As such, students are expected to have a basic understanding of statistics (e.g., regression) prior to taking the course, given that statistical models will be used for illustrative examples throughout, but high-level statistical knowledge (e.g., multilevel modeling or structural equation modeling) is not a prerequisite.*

