



### **Research proposal (29%) - LO #2**

A core component of this course is a final research proposal in the form of an Open Science Foundation (OSF) Preregistration with the AsPredicted template. You will have sequenced assignments throughout the course (see weekly schedule for details/due dates: [assignments in blue](#)) that will be **un-graded** but that you will receive **feedback** on. These assignments will build up to your final research proposal. Your research proposal will be partially graded on your evidence of reflection on and incorporation of this feedback you receive throughout the course.

Week	Class	Assignments Due
5. Various Methods in Psychology and Neuroscience Research	5a. Intro to neuro-imaging (Feb 14)	Read 1 article Knowledge check #5 <a href="#">Research topic/general question + key research terms</a>
6. Designing good surveys	6a. Designing surveys in Qualtrics (Feb 21)	Watch 2 videos Read quick tips <a href="#">Complete the literature review spreadsheet with 5 papers for IRP</a>
7. Research Ethics and Open Science	7a. Research ethics and the Institutional Review Board (IRB) (Feb 28)	Watch 1 video Read 1 article Knowledge check #7 <a href="#">Complete the literature review spreadsheet with 10 papers</a>
9. How to write an Introduction Section and Intro to Programming In R	9b. Introduction to R (Mar 23)	Watch 1 video <a href="#">RStudio Cloud primer</a> 1-page background and hypotheses section for IRP (Due Monday 3/27)
11. How to Analyze and Interpret Data in R: correlation and t-test	11b. Workshopping methods section. (April 6)	<a href="#">Fill out assigned methods/study design questions in IRB template</a>
<b>DUE FRI, MAY 5</b>		<b>Final Project</b> <b><a href="#">OSF AsPredicted pre-registration</a></b>