

PSYC 118 (Advanced Research Methods) Spring 2025 Course Schedule

The CANVAS schedule will trump the .pdf schedule. It is subject to change with fair notice (via CANVAS, class discussion, and/or email).

Course Schedule

	Meeting Type	Topics, Readings	Assignment
Week 1 6.02 – 6.06	Lecture	<ul style="list-style-type: none"> ● Introduction: Syllabus & Calendar ● Introduction to Behavioral Research ● Research Questions, Hypothesis 	
	Lab	<ul style="list-style-type: none"> ● Introduction to Lab session ● Individual Activity 1: RQ brainstorming, and literature 	
Week 2 6.09 – 6.13	Lecture	<ul style="list-style-type: none"> ● Research Fundamental ● Ethics in Behavioral Research 	Quiz #1
	Lab	<ul style="list-style-type: none"> ● Library Reference ● Individual Activity 2: Ethical consideration 	
Week 3 6.16 – 6.20	Lecture	<ul style="list-style-type: none"> ● Measurement and Sampling I ● Measurement and Sampling II 	Quiz #2 GA1 submission
	Lab	<ul style="list-style-type: none"> ● Individual Activity 3: Possible Measure for your RQ 	
Week 4 6.23 – 6.27	Lecture	<ul style="list-style-type: none"> ● Qualitative Research ● Observational Studies 	Quiz #3
	Lab	<ul style="list-style-type: none"> ● Individual Activity 4: Coding qualitative data activities ● Group Activity 1: Survey Activity 	
Week 5 6.30 – 7.03	Lecture	<ul style="list-style-type: none"> ● Survey ● Experimental Design 	Assignment 1: Draft LR and Method GA2 submission
	Lab	<ul style="list-style-type: none"> ● Group Activity 2: Research Question and Design matching activity. 	
Week 6 7.07 – 7.11	Lecture	<ul style="list-style-type: none"> ● Conducting Experiments ● Complex Experimental Design 	Quiz #4
	Lab	<ul style="list-style-type: none"> ● Individual Activity 5: what is your project design? ● Assignment1 Individual Feedback 	
Week 7 7.14 – 7.18	Lecture	<ul style="list-style-type: none"> ● Single-Case, Quasi-Experimental, and Developmental Research ● Reliability and Validity 	GA3 submission
	Lab	<ul style="list-style-type: none"> ● Group Activity 3: Article validity critique ● Assignment1 Individual Feedback 	

Week 8 7.21 – 7.25	Lecture	<ul style="list-style-type: none"> ● Understanding Results: Description and Correlation 	
	Lab	<ul style="list-style-type: none"> ● SPSS: descriptive and correlation 	
Week 9 7.28 – 8.01	Lecture	<ul style="list-style-type: none"> ● Understanding Results: Inferential ● Understanding Results: more 	Quiz #5
	Lab	<ul style="list-style-type: none"> ● SPSS: T test, ANOVA ● SPSS: Linear Regression 	
Week 10 8.04 – 8.08	Lecture	<ul style="list-style-type: none"> ● Presentation ● Final Exam 	Final Exam Final Paper Due
	Lab	<ul style="list-style-type: none"> ● Presentation/Open lab Q&A 	