

Schedule for PNB3EE3 Winter 2025 (Dr. Fink)

BC = Before Class; yellow highlight = assignment

Date	LECTURE #	Assignments/DEADLINES
Wed-08-January-2025	<p>Intro to each other & course Lecture: Perception basics; Experiment basics Exercise: Experiment Example, code on Github, GitHub acct.</p>	<p>Environment Exercise Due (ungraded) Read: Experimentology, Chs. 1, 2, 3, 4</p>
Wed-15-January-2025	<p>Lecture: Intro to Open Science & web technologies Review: jsPsych Assignment Exercise: GitHub & OSF</p>	<p>Work on jsPsych Assignment 1 Start researching topic of interest</p>
Wed-22-January-2025	<p>Lecture: Creating a Research Niche; Searching the scientific literature Exercise: Experimental Design & Design Figure Lecture: Interactions between Perception, Attention & Motor Behaviour</p>	<p>jsPsych Assignment 1 Due (BC) Work on jsPsych Assignment 2</p>
Wed-29-January-2025	<p>Review: jsPsych Assignment 2 Lecture: Data visualization Discuss: Research interests</p>	<p>jsPsych Assignment 2 Due (BC) Read Experimentology Ch. 15 Work on Data Visualization Assignment</p>
Wed-05-February-2025	<p>Review Visualization Assignment Lecture: Intro to Pre-registration Exercise: Set up pre-registration in R notebook</p>	<p>Data Visualization Assignment Due (BC) Read Experimentology Ch. 11 Continuing researching topic of interest!</p>
Wed-12-February-2025	<p>Lecture: Data Management, Open Data, and Data Exploration Exercise w Mac Library Data Management Team</p>	<p>Continuing researching topic of interest! Work on pre-registration.</p>
Wed-19-February-2025	<p>READING WEEK</p>	<p>Prepare pre-registration!</p>
Wed-26-February-2025	<p>Review pre-registrations Exercise peer critique Lecture & Exercise from experimental design to code (jsPsych)</p>	<p>Pre-registration Due (BC)</p>
Wed-05-March-2025	<p>Review: Issues with setting up experiments; hands-on troubleshooting; piloting Lecture & Exercise: Research poster</p>	<p>Prepare experiment code</p>

Wed-12-March-2025	<p>Exercise: Pilot each others' experiments</p> <p>Lecture: Planning Analyses; setting up notebook</p> <p>Exercise: Simulating results</p>	Experiment Code Due (BC)
Wed-19-March-2025	<p>Exercise: Troubleshoot / critique planned analyses</p> <p>Lecture: Poster & Presentation best practices</p>	Prepare analysis code!
Wed-26-March-2025	<p>Discussion: Changes since pre-registration draft</p> <p>Lecture: iterating on a research design</p> <p>Poster Workshop</p>	Analysis Code Due (BC)
Wed-02-April-2025	<p>Research poster presentations</p> <p>Wrap-up course discussion</p>	Research Poster Due (BC)