



Course program and reading list

Semester 1 Year 2024

School: Baruch Ivcher School of Psychology

Clinical Neuroscience: Brain, psychopathology, and treatment

Lecturer:

Dr. Rany Abend rabend@runi.ac.il

Course No.:	Course Type :	Weekly Hours :	Credit:
4920	Seminar	3	3

Course Requirements :	Group Code :	Language:
Final Paper	241492000	English

Prerequisites

Prerequisite:

8000 - Introduction To Psychology

 Course Description

Clinical neuroscience is a new research field integrating different clinical approaches and neuroscience research methods with the aim of a more advanced characterization of the neurobiological and behavioral bases of different psychopathologies. Through this integration, we try to better understand how clinical phenomena (e.g., anxiety and depression) manifest in neural circuitry function, hoping to usefully bridge classical approaches to psychopathology and treatment and newer neuroscience research approaches. In this seminar, we will first review basic circuits in the brain and typical neuroscience research methods. Then, students will pick a research topic out of those defined, and through the semester write a paper on the topic, with guidance by the professor. This seminar is mainly intended for students interested in an interdisciplinary

approach to understanding psychopathology and treatment.



Course Goals

The aims of this seminar are to expose students to recent and updated topics in clinical neuroscience research and to develop academic reading and writing skills. During the seminar, students will read papers on various topics in clinical neuroscience and write an academic paper on a chosen topic with guidance by the professor.



Grading

- Write and submit a theoretical paper in groups (70% of the final grade)
 - Prepare and present a final presentation (18% of the final grade)
 - Submit exercises 1-4 (12% of the final grade)
 - Attendance is very much encouraged to ascertain progress on paper is made
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Lecturer Office Hours

By appointment.



Reading List

Published in the course's website.