**Course program and reading list**

**Semester 0 Year 2022**

**School:** Baruch Ivcher School of Psychology

The Neurobiology of Attachment; Healthy and Pathological Processes

**Lecturer:**

Prof. Ruth Feldman  
ruth.feldman@idc.ac.il

**Teaching Assistant:**

Ms. Maayan Greenberg  
maayan.greenberg1@post.idc.ac.il

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<td>Seminar</td>
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**Course Requirements:**

Final Paper

**Group Code:** 220898900

**Language:**

English

**Prerequisites**

**Prerequisite:**

8000 - Introduction To Psychology  
8014 - Research and Measurement Methods  
8910 - Introduction To Statistics A  
8911 - Introduction To Statistics B  
8924 - Multivariate Statistics A  
8925 - Multivariate Statistics B
The Neurobiology of Human Attachment in Health and Psychopathology

The course will enable active involvement in research focusing on the neurobiological basis of human attachment. We will discuss the hormonal systems that underpin human affiliations: between parents and children, among spouses, and between close friends, particularly the oxytocin system. We will also address the brain networks that support attachment and the behavioral components that contribute to human attachment. The course will involve both formal lectures and hands-on participation in research on attachment in healthy populations and under conditions when bonding fails, such as maternal postpartum depression and parenting under high stress.

Course Goals

-Gaining research experience, introduction to the basic principles of neurobiology.

Grading

30% Attendance

70% Seminar project
Learning Outcomes

Participating in research, understanding the principles of neuroscience.

Reading List

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