

# PSYT 500. ADVANCES: NEUROBIOLOGY OF MENTAL DISORDERS.

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Credits: 3

Offered by: Psychiatry (Faculty of Science)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

Current theories on the neurobiological basis of most well known mental disorders (e.g. schizophrenia, depression, anxiety, dementia). Methods and strategies in research on genetic, physiological and biochemical factors in mental illness will be discussed. Discussion will also focus on the rationale for present treatment approaches and on promising new approaches.

- Winter
- 3 hours
- Prerequisite (Undergraduate): BIOC 212 and BIOC 311, or BIOC 312, or BIOL 200 and BIOL 201, or PHGY 311, or PSYC 308 and an upper-level biological science course with permission of the instructors, or equivalent. Basic knowledge of cellular and molecular biology is required.
- Restriction: Open to U3 and graduate students only.
- Restriction: Graduate Studies: strongly recommended for M.Sc. students in Psychiatry.

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