ADVANCED STUDIES IN
PSYCHOLOGY

SPS Certificate website: https://sps.northwestern.edu/premedicine-prohealth/advanced-studies-psychology/index.php

Create a course of study selected from psychology courses taught by Northwestern University faculty to prepare for graduate-level programs. Students in the Advanced Studies in Psychology program complete four to eight courses, building a foundation for future study in in psychology, counseling, social work, and other fields that involve the science and research of human behavior.

Certificate Offered
- Advanced Studies in Psychology Certificate (https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/advanced-studies-psychology/advanced-studies-psychology-certificate/)

Advanced Studies in Psychology Courses

PSYCH 110-CN Introduction to Psychology (1 Unit)
A survey course reviewing primary psychological research and theories of human behavior. Carries social science credit.

PSYCH 201-CN Statistical Methods in Psychology (1 Unit)
Measurement; descriptive statistics; probability and sampling; T-test, ANOVA, correlation, and regression. May not be audited. Carries social science or science credit.
Prerequisite: PSYCH 110-CN and high school algebra.

PSYCH 202-CN Statistical Methods in Psych (1 Unit)
NPEP course.

PSYCH 205-CN Research Methods in Psychology (1 Unit)
Methods of psychological research; experimental design; reliability and validity; review and application of statistics; execution and reporting of psychological research. May not be audited. Carries social science credit.
Prerequisite: PSYCH 201-CN.

PSYCH 212-CN Introduction to Neuroscience (1 Unit)
Designed for students with no prior coursework in neuroscience or biology. Neurophysiology and neuroanatomy; neuroscience of perception, emotion, morality, memory, mental illness, and consciousness. Carries science credit.

PSYCH 213-CN Social Psychology (1 Unit)
Psychological processes underlying social behavior; topics include social cognition, attraction, aggression, prejudice, and behavior in groups. Carries social science credit.
Prerequisite: PSYCH 110-CN.

PSYCH 215-CN Psychology of Personality (1 Unit)
Prerequisite: PSYCH 110-CN.

PSYCH 228-CN Cognitive Psychology (1 Unit)
Introduction to research into mental processes such as memory, reasoning, problem solving, and decision making. Carries science or social science credit.
Multiple perspectives on truth and deception. Exposure to clinical and psycho physiological work on lying, malingering, and styles of deceit. Theories and methods in lie detection.

**Prerequisite:** PSYCH 110-CN.

**PSYCH 366-CN Stereotyping & Prejudice (1 Unit)**
Analysis of the causes and consequences of stereotyping and prejudice, as well as methods used to study these issues. Students conduct original research. Carries social science credit.

**Prerequisite:** PSYCH 205-CN.

**PSYCH 369-CN Psychological Tests & Measures (1 Unit)**
Explores the science of psychological assessment, including its history, test construction and evaluation, and common measures of personality, psychopathology, and ability. Students create and evaluate their own psychological measures. Carries social science credit.

**Prerequisite:** PSYCH 110-CN.

**PSYCH 373-CN Decision Making (1 Unit)**
Human decision making from both descriptive and prescriptive perspectives. Theories and models of decision making applied to a variety of contexts.

**Prerequisite:** PSYCH 205-CN, PSYCH 228-CN.

**PSYCH 374-CN Human Memory (1 Unit)**
Scientific study of human memory, including memory systems of the brain, amnesia, remembering, forgetting, encoding, consolidation, memory suppression, and memory distortion. Emphasizes original research reports in cognitive neuroscience. PSYCH 205-CN; or consent of instructor.

**PSYCH 399-CN Independent Study (1 Unit)**