

ADAPTIVE BRAIN AND BEHAVIOR PATHWAYS MINOR

THE ABB MINOR is an interdisciplinary program where the natural sciences, social sciences, and biomedical engineering converge to provide a deeper understanding of interaction between the brain, behavior, and environments. Students will explore the interplay between neurobiological systems and psychological and social factors, and the role of neuroplasticity.

The minor will give students a comprehensive scientific framework for analyzing human behavior and the factors that promote optimal development. The concepts and analytical skills will be relevant to a wide range of fields, including counseling and therapy, human services, education, biomedical engineering, and other allied health professions.

THE ABB MINOR GUARANTEES

- **CORE CONCEPTS**
Reasoning in the Social Sciences
Reasoning in the Natural Sciences
Identity and Equity in the U.S.
- **INTEGRATIVE CONCEPTS**
Intercultural and Global Awareness
Ethical Reasoning

COURSE MAP

ABB FOUNDATIONAL COURSES PICK 2

TRACK 1 SOCIAL SCIENCE

GATEWAY COURSE PICK 1

HD 2014 - INTEG. HLTH.

LIST 1A - PICK AT LEAST 1

PSYC 1004 - INTRO. PSYC.
HD 2004 - AGING
HNFE 2664 - NUTR. & EXER
EDCO 2004 - RELATIONSHIPS
EDEP 2444 - MOTIV. YOU/OTHERS

LIST 1B - PICK AT LEAST 1

BMES 2004 - CONCUSSIONS
NEUR 2464 - NEURO. & SCI.
HIST 3714 - WAR & MED.

TRACK 2 NATURAL SCIENCE

GATEWAY COURSE PICK 1

BMES 2004 -
CONCUSSIONS
OR
NEUR 2464 -
NEURO. & SCI.

LIST 2A - PICK AT LEAST 1

HD 2014 - INTEG. HLTH.
EDCO 2004 - RELATIONSHIPS

LIST 2B - PICK AT LEAST 1

HD 2004 - AGING
PSYC 1004 - INTRO. PSYC.
HNFE 2664 - BEH. THEORY IN
HLTH. PROM.
EDEP 2444 - MOTIV. YOU/ OTHERS

ELECTIVES-CHOOSE MINIMUM OF 2 AT LEAST 1 MUST BE 3000-4000 LEVEL

BMES 2004 - CONCUSSIONS
CMST 2134 - INTRO TO HLTH. COMM.
EDCO 2004 - RELATIONSHIPS
EDEP 2444 - MOTIV. YOURSELF & OTHERS
HD 1004 - HUM. DEV.
HD 2004 - AGING
HD 2014 - INTEG. HLTH.
HD 3114 - ISSUES & AGING
HNFE 2664 - BEH. THEORY IN HLTH. PROM.
HIST 3724 - DISEASE MED./HLTH.
NEUR 2025 - INTRO. NEURO. I
NEUR 2026 - INTRO. NEURO. II
NEUR 3984 - WAR & THE BRAIN
NEUR/ECON/PSYC 4454 - NEUROECON.
PSYC 1004 - INTRO. PSYC.
PSYC 2034 - DEV. PSYC.
PSYC 2044 - PSYC. OF LEARNING
PSYC 2064 - INTRO. TO NEURO. OF BEHAVIOR
PSYC 3014 - ABNORMAL PSYC.
PSYC 3024 - HUM. BEHAVIORS NATURAL ENV.
PSYC 3054 - HEALTH PSYC.
PSYC 4064 - PHYSIOLOGICAL PSYC.
PSYC 4074 - SENSATION & PERCEPTION
PSYC 4114 - COGNITIVE PSYC.
SOC 3714 - SOC. OF AGING
SOC 4714 - SOC. OF MENTAL ILLNESS
STS 2154 - THE LIFE SCIENCES & SOCIETY

HD 4714
SENIOR
CAPSTONE
SEMINAR

OR PICK ONE OF THE BELOW

XXXX 3954/4954 - STUDY ABROAD
XXXX4974 - IND. STUDY
XXXX 4984 - SPECIAL STUDY
XXXX 4994 - UNDERGRAD. RES.

For more information about requirements contact your advisor or the Pathways webpage: <https://www.apps.provost.vt.edu/pathways/table2.html>