

EVOLUTION, BIOLOGY AND BEHAVIOR

This Curriculum Guide is **not** a major or minor plan; it is a list of recommended courses for students intending to pursue graduate school in any number of disciplines with a focus on programs in bio-evolutionary psychology, bioanthropology, animal behavior, veterinary medicine, natural resources or wildlife biology.

Note on Pre-requisites: Many of these courses have pre-requisites. Please refer to the current LSA Course Guide for information regarding which courses are required. It is important that pre-requisites are taken early in a student's academic career so that they will be completed in time to take the desired course.

All of the Psychology courses below are included in the Psychology major plan. Courses in italics are also included in the Biopsychology, Cognition and Neuroscience major plan. To determine which requirement a course fulfills, view the major worksheets at www.myumi.ch/6OvRe.

BREADTH/GATEWAY COURSES

The following course is recommended to be taken early in the student's major plan as they serve as prerequisites to many upper division courses.

- PSYCH 220 Intro to Biopsychology – Non-BCN, Non-Neuroscience
- *PSYCH 230 Intro to Behavioral Neuroscience*
- *PSYCH 240 (Intro to Cognitive Psychology)*
- *PSYCH 270 (Intro to Abnormal Psychology)*

LAB COURSES

The following courses may be used to satisfy a major lab requirement.

- *PSYCH 302 Research Methods in Cognitive Neuroscience*
- *PSYCH 331 Research Methods in Brain, Behavior, and Cognitive Science*
- *PSYCH 341 Advanced Laboratory in Cognitive Psychology*

UPPER LEVEL ELECTIVES/ADVANCED COURSES

Students are advised to take as many upper-division courses as possible to fulfill the major credit hours. Most students wishing to specialize in this area are advised to take more than the minimum 32 credits required.

****Courses in this section not in italics may be used to satisfy the BCN cognate requirement.****

- *PSYCH 334 Neuroscience of Learning and Memory*
- *PSYCH 335 Evolution and Animal Behavior*
- *PSYCH 338 Primate Social Behavior I*
- *PSYCH 339 Biopsychology of Cooperation*
- *PSYCH 340 Topic in Cognition and Cognitive Neuroscience*
- *PSYCH 343 Cognitive Neuroscience of Learning and Memory*
- *PSYCH 345 Introduction to Human Neuropsychology*
- *PSYCH 347 Perception*
- *PSYCH 355 Cognitive Development*
- PSYCH 360 Behavior and Environment
- *PSYCH 454 Developmental Cognitive Neuroscience*

INTERDISCIPLINARY COURSES

These courses found across the university are recommended to give students a broad, interdisciplinary background in the area of evolution, biology, and behavior. Students should consider how these courses may be used to satisfy other degree requirements (e.g. Area Distribution credit, Race and Ethnicity, Quantitative Reasoning, and Upper Level Writing Requirements).

- ANTHRBIO 365 Human Evolution
- BIOLOGY 226 Human and Animal Physiology Laboratory
- BIOLOGY 305 Genetics
- EEB 372 General Ecology Laboratory
- EEB 390 Evolution
- WOMENSTD 400 Women's Reproductive Health

CO-CURRICULAR GUIDE

NOT AN EXHAUSTIVE LIST

Adaptive Gymnastics - https://maizepages.umich.edu/organization/A_G

Adventure Racing, Rogaining, and Orienteering Team at the University of Michigan - <https://maizepages.umich.edu/organization/arro>

Anthropology Club - <https://lsa.umich.edu/anthro/undergraduates/student-opportunities/michigan-anthropological-society.html>

Be the Match - <https://bethematch.org/tcdirectory/index/137/>

Bioethics Society - https://maizepages.umich.edu/organization/bioethics_society

BIONIC - <https://biointerfaces.umich.edu/work-with-us/>

Birth Project USA- UM Chapter - <https://www.facebook.com/UniversityofMichiganBPUSA/>

BLUElab - <http://bluelab.engin.umich.edu/>

Call for Humanity - <https://maizepages.umich.edu/organization/callforhumanity>

Care about Rare - <https://maizepages.umich.edu/organization/careaboutrare>

Circle K - <https://mcirclek.org/ck/>

CURE-Michigan - <https://maizepages.umich.edu/organization/CUREMichigan>

Ethical Investments - <http://ethicalinvestments.club/>

Evolve - <https://evolvemichigan.org/>

FeelGood - <https://feelgoodumich.wordpress.com/>

Food Recovery Network at the University of Michigan - <http://sustainability.umich.edu/environ211/food-recovery-network>

Friends of the Campus Farm - <http://sustainability.umich.edu/umsfp/about/campus-farm>

Habitat for Humanity at the University of Michigan - <http://www.habitatum.org/>

Journal of Bioethics and Social Sciences in Medicine at the University of Michigan - <http://cbssm.med.umich.edu/>

Kids are Scientists Too at the University of Michigan - <https://kast.org/about-us/>

Michigan Aquaponics - <https://www.umichaquaponics.org/>

Michigan DNA Day - <https://maizepages.umich.edu/organization/midnaday>

Michigan Eco Data - https://maizepages.umich.edu/organization/eco_data

Michigan GIVERs - <https://maizepages.umich.edu/organization/michigangivers>

Michigan Pencils of Promise - <https://www.facebook.com/popatumich/>

Perch - <http://umich.edu/~perchres/>

Phalombe Initiative for Education - <https://maizepages.umich.edu/organization/PIE>

PILOT - <https://maizepages.umich.edu/organization/PILOT>

Psi Chi - <https://sites.google.com/prod/view/psichiatumich>

Student Sustainability Initiative - <http://sustainability.umich.edu/ssi>

THE AMERICAN RED CROSS CLUB - https://maizepages.umich.edu/organization/washtenaw_lenawee_arcc

UMBees - <http://sustainability.umich.edu/umsfp/about/organization/umbees>

Undergraduate Psychology Society - <https://maizepages.umich.edu/organization/ups>

University of Michigan Undergraduate Research Journal - <https://www.umurj.org/>