The Ph.D. programs are highly interdisciplinary and have been successfully completed by majors in Mathematics, Physics, Biology, Criminology, Biological Anthropology, as well as by Medicine and Psychology majors.

**Ph.D. in Personality and Behavior**
The Ph.D. program in Personality and Behavior at the Universitat de Barcelona provides students with an exceptional opportunity to examine mind, brain, and behavior at different levels of analysis using a variety of techniques including brain imaging, animal models, computational models, experiments, surveys, and field studies. The program offers training in all the areas covered by the researchers at the Institute for Brain, Cognition and Behavior (IR3C) of the Universitat de Barcelona. Learn more about research and training opportunities at the IR3C's web pages: [http://www.ir3c.ub.edu/eng](http://www.ir3c.ub.edu/eng).

Admission requires an official Master's degree involving at least 60 ECTS that include 20 ECTS in research training.

**Ph.D. in Biodiversity (Primatology)**
Primatologists study the biology, behavior and evolution of species of the order Primates. The purpose of the Ph.D. program in Biodiversity (Primatology) is to offer high-quality research training that allows Ph.D. Candidates to deepen their knowledge of the order Primates.

Learn more about research and training opportunities in Primatology at: [http://www.ub.edu/primatologia](http://www.ub.edu/primatologia)

**For more information:**
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**FACULTY OF PSYCHOLOGY**
Campus Mundet
Passeig de la Vall d’Hebron, 171
08035 Barcelona

M.S. Research in Behavior and Cognition
A one year Official Master Program leading to a

Ph.D. in Personality and Behavior Ph.D. in Biodiversity (Primatology)
M.S. Research in Behavior and Cognition

The Master's program in Research in Behavior and Cognition is an official Master's program consisting of 60 ECTS units, including 20 research ECTS. It is an intensive one-year program taught mainly in English.

The Master's program is a standalone program that provides advanced training and hands-on experience in a variety of areas of psychological research. It introduces students to the emerging technologies and to the most important current research methodologies. No previous Psychology training is required for acceptance.

The program is designed as the coursework training period for the Ph.D. program in Personality and Behavior and the Ph.D. program in Biodiversity (Primatology).

Recommended access profile

The profile for admission to the program is that of a graduate, with a good academic record, at least a B1 English level and with the personal motivation and discipline needed for effective job performance as a researcher in the behavioral sciences. The program encourages a multidisciplinary approach and is designed to accommodate students with a wide range of previous knowledge in the behavioral sciences.

M.S. program

Common courses
- Regression analysis and the general linear model
- Cognitive neuroscience
- Behavior and cognition seminar (Evolution and primate behavior)

Core courses (choose a minimum of two)
- Individual differences research
- Computational models in cognition and programming skills
- Multivariate analysis and structural equation models
- Psychological assessment research
- Human brain function
- Behavioral observation
- Primate ethocology
- Adaptive behavior of primates

Electives (choose a maximum of six)
- Research in psychological intervention
- Personality and cognition
- Advances in cognitive development
- Perception, action and consciousness
- Human genetics
- Computer technology applied to psychological assessment and intervention
- Psychological research on delinquency
- Workshop in data analysis
- Workshop in neuroimaging and sensorimotor control
- Advances in language processes and memory
- Learning and cognition
- Primate social behavior and cognition
- Primate communication
- Visual consciousness and awareness
- Modeling of primate behavior

The 20 research ECTS are completed as follows:

During the first semester students perform a research practicum (10 ECTS) in one of the program's lines of research, under the guidance of one of the program's professors.

During the second semester they prepare a research project (10 ECTS) which they then present to an examining committee.

The program's research lines can be grouped as follows:

- Behavioral neuroscience
- Cognitive, computational and neural function
- Development and aging
- Emergent technologies and methods in behavioral sciences
- Individual differences and personality
- Psychotherapy research and clinical intervention
- Violence, delinquency and victimization
- Primate ethology
- Adaptive behavior
- Primate evolution