PHD PROGRAMME TABLE 38TH CYCLE

Section "Available Positions and Scholarships" integrated on 12/05/2022

PROGRAMME'S NAME	PSYCHOLOGY
DURATION	3 years
PROGRAMME START DATE	01/11/2022 (DD/MM/YYYY)
LANGUAGES	English
MANDATORY STAY ABROAD	6 months for the curriculum: Psychological Sciences 12 months for the curriculum: Joint PhD Program in Cognitive Neuroscience
COORDINATOR	Prof. Elisabetta Crocetti (elisabetta.crocetti@unibo.it)
CURRICULA	1. Psychological Sciences 2. Joint PhD Program in Cognitive Neuroscience
RESEARCH TOPICS	Detailed list at the bottom of the present document
PhD POSITIONS	9
ADMISSION PROCEDURE	Qualifications and research proposal evaluation Oral examination

Available Positions and Scholarships

Pos. n.	Financial Support	Description	Curriculum	Positions linked to research topics
1	PhD Scholarship	Totally funded by the University of Bologna general budget	2	
2	PhD Scholarship	Totally funded by the University of Bologna general budget	2	
3	PhD Scholarship	Totally funded by the University of Bologna general budget	1	
4	PhD Scholarship	Funded by MUR under the "Departments of Excellence" initiative	1	
5	PhD Scholarship	Funded by MUR under the "Departments of Excellence" initiative	1	
6	PhD Scholarship	Funded by MUR under the "Departments of Excellence" initiative	1	
7	PhD Scholarship	Funded by the Department of Psychology with funds made available by the project Prin 2020 - SH4 - "Computerized, Adaptive and Personalized Assessment of Executive Functions and Fluid Intelligence" - cup J33C22000500001	1	Computerized, Adaptive and Personalized Assessment of Executive Functions and Fluid Intelligence
8	PhD Scholarship	Funded by the University of Bologna general budget and the Department of Psychology with funds made available by the project PRIN2017Sansavini SH4 code 2017HRCPE4_004 CUPJ34I19002910001	1	Early markers of Language-Learning impairment (LLI) in pre-term infants
9	PhD Scholarship	Totally funded by the University of Bologna general budget	1	

Admission Exams

	DATE AND TIME	RESULTS
Qualifications and research proposal evaluation	Applicants' participation is not required	Available from **04/07/2022****
Oral examination	**Date**: starting from **11/07/2022 – 9.00 a.m. CEST*** **Place**: Remotely, using Microsoft Teams	Available from **15/07/2022****

* In case that the oral examination cannot be completed in one day due to the large number of applicants, the oral examination detailed schedule shall be made available on the webpage [Studenti Online](#) together with the results of the qualifications and research proposal evaluation. **During the oral examination, applicants may express their interest in one or more positions linked to specific research topics.**

** The **results of the admission exams** will be available on the webpage [Studenti Online](#) (select "summary of the requests in progress" > "see detail" and open the .pdf file at the bottom of the page). **No personal written communication will be sent to applicants concerning the examinations results**.

Required and Supporting Documents to be attached to the application

All the documents listed below **shall be drawn up in English or in Italian**. In case of documents originally issued in any other language (e.g. identity document, qualifications), an official English translation is required.

Only qualifications obtained **during the last 5 calendar years** shall be taken into consideration, except for the University Degree. The Admission Board will assess the relevance of the supporting documents to the PhD Programme.

REQUIRED DOCUMENTS	
Identity document	Valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae	No specific CV format is required. **The Curriculum Vitae must be written in English**.
Degrees	Documents attesting the awarding of the first and second cycle degrees, the exams taken and the marks obtained (see Art. 3 of the Call for Applications)
Research proposal	Multi-annual research proposal, **drawn up in English**. The proposal must meet the following requirements: - it must **mention on the cover page the Curriculum, the PhD position linked to a specific research topic** the applicant is interested to and the proposal is about, and the number of words used to write the research proposal; - **it must include**: the state of the art; Aims; Hypothesis; Methodology / structure of the study(s) (sample, independent and dependent variables, analysis plan; Theoretical and practical implications); Temporal plan of activities - **max. 3000 words**, references excluded
SUPPORTING DOCUMENTS	
Reference letter/s	**No more than 2 reference letters** signed by Italian or international academics and professionals in the research field, which do not form part of the Admission Board, attesting the suitability of the applicant and his/her interest in the scientific research. Letters shall be uploaded following the procedure detailed in the Call for Applications (Art. 3.2) and **written in English**.
Personal statement	The statement shall include the reasons prompting the applicant to attend the PhD Programme and **those relevant experiences and research interests**, that make the applicant suitable for the specific PhD Programme (3000 characters maximum, including spaces). **The personal statement must be written in English**.
Publications	Lists of publications (i.e. monographs, articles on scientific journals)

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Evaluation criteria*

Scores will be expressed in points out of 100, as follows.

1. Qualifications and research proposal evaluation

Minimum score for admission to the oral examination: 30 points, Maximum score: 50 points

Qualifications evaluation	University degree final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	10 points max
	Reference letter/s	2 points max
	Personal statement	1 point max
	Publications	4 points max
Research proposal evaluation	Scientific value and ground-breaking nature of the proposal	13 points max
	Structure of the proposal	10 points max
	Proposal feasibility	10 points max

2. Oral examination

Minimum score for eligibility: 30 points, Maximum score 50 points

English language proficiency	10 points max
Research proposal presentation	35 points max
General knowledge of topics of the PhD Programme	5 points max

Oral examination aims to assess the suitability of the applicant for scientific research as well as the general knowledge of issues encompassed by the PhD Programme (see the list of research topics at the bottom of the present document). **The oral examination is carried out in English**.

* Possible further evaluation criteria will be available on the University website, selecting the relevant PhD Programme > "More information", at the bottom of the page in the section "Notices".

Research Topics

Curriculum 1: Psychological Science

General Psychology
- Emotions, attention and learning
- Psychophysiology of sleep and dream
- Chronopsychology and chronobiology
- Perception and decision making
- Body action and cognition
- Spatial cognition, memory and individual differences

Psychometrics
- Psychometric methods in cognitive and clinical assessment
- Advanced inferential statistics
- Qualitative methods for psychological research
- Bayesian Inference in Statistical Analysis

Developmental and Educational Psychology
- Typical and atypical development from early childhood to adulthood
- Risk and protection factors in development
- Development in the life cycle and technologies for information and communication
- Teaching, learning and social processes in educational settings

Social Psychology
- Gender inequalities and prejudices reduction
- Personal and social identity
- Equal opportunity and community participation
- Psychosocial factors in risk and safety

Work and Organizational psychology
- Diversity management in organizations
- Organizational change and development
- Employability and new careers
- Psychosocial factors in the workplace

Psychodynamic psychology

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- Perinatal psychopathology
- Developmental psychopathology in childhood
- Child and parents psychotherapy research
- Emotional intelligence in clinical and educational settings

Clinical psychology
- Clinical assessment of psychological distress/well-being/adjustment/attachment
- Psychosomatics
- Applications of new technologies in clinical psychology
- Psychological interventions

Curriculum 2: Joint PhD Program in Cognitive Neuroscience
- Action, motivation and decisions
- Reinforcement learning
- Representation of space and time
- Representation of the body

Research fields

Computerized, Adaptive and Personalized Assessment of Executive Functions and Fluid Intelligence
(1 scholarship, ref. Sara Giovagnoli)
The project aims at improving and integrating methods, instruments, and tests for the assessment of cognitive, functional, and socio-cultural components of Executive Functions and Fluid Intelligence providing a new approach, based on knowledge space theory and problem space theory, for the construction of tests for the adaptive assessment.

Early markers of Language-Learning Impairment (LLI) in preterm infants
(1 scholarship, ref. Annalisa Guarini)
The project aims at identifying early communicative, cognitive and relational markers of language-learning impairment in infants born preterm. Developmental follow-up for infants from birth to 30 months of age with their parents is proposed.