

"Pegaso Scholarships are funded with resources of the PR FSE 2021/27 in the frame of Giovani SI ([www.giovanisi.it](http://www.giovanisi.it)), the project organized by Regione Toscana to help young people become independent."

## LIFE COURSE RESEARCH

### - LCR -

Director prof. Daniele Vignoli

**XLI cycle - academic year 2025/2026**

CUP Pegaso Scholarships 2025

B11I25000170008

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Statistics, Computer Science, Applications "Giuseppe Parenti" (DiSIA)
WEB	<a href="http://www.phd-lcr.com">www.phd-lcr.com</a>
PARTNER INSTITUTIONS	<ul style="list-style-type: none"> <li>• Alma Mater Studiorum Bologna</li> <li>• Free University of Bolzano</li> <li>• Scuola Normale Superiore in Pisa (Pegaso)</li> <li>• University of Piemonte Orientale</li> <li>• University of Bari "Aldo Moro"</li> <li>• University of Cagliari</li> <li>• University of Siena (Pegaso)</li> <li>• University of Turin</li> <li>• University of Trento</li> <li>• University of Milano-Bicocca</li> <li>• University of Napoli "Federico II"</li> <li>• University of Pisa (Pegaso)</li> <li>• University Vita-Salute San Raffaele</li> </ul>
CURRICULA	<ol style="list-style-type: none"> <li>1. Biomedical</li> <li>2. Psychological</li> <li>3. Socio-Demographic</li> </ol>
<b>POSITIONS AVAILABLE: 27</b> Positions with Scholarship: 25 Positions without Scholarship: 2* <i>* standard ranking only</i>	
<p>The codes identify the <b>COMPETITION</b> to be selected in the online system for submission of the <b>ONLINE APPLICATION</b>.</p> <p>Before accessing consult the online application guide available at <b>Cycle 41 - Call for Applications</b></p>	

RANKING FOR STANDARD POSITIONS		
CURRICULUM BIOMEDICAL - PSYCHOLOGICAL- SOCIO-DEMOGRAPHIC		
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 7	LCR_41_STANDARD	<p>2 - University of Florence</p> <p>5 - Regione Toscana Pegaso Scholarships 2025**</p> <p>(Biomedical curriculum: 1 Scuola Normale Superiore in Pisa and 1 University of Siena; Psychological curriculum: 1 University of Florence and 1 University of Pisa; Socio-Demographic curriculum: 1 University of Florence)</p> <p>** For Regione Toscana Pegaso Scholarships 2025 a period of <b>training/research</b> in an enterprise, a public research institution or other public institution (not a university) of at least <b>3 months</b> is <b>mandatorily</b> required.</p>
STANDARD RANKING - THEMATICS FOR RESEARCH PROJECTS	<p>BIOMEDICAL CURRICULUM</p> <ul style="list-style-type: none"><li>- Autoimmunity (University of Siena)</li><li>- Arrhythmic risk in the patient with neoplasia (University of Siena)</li><li>- Omic analysis of molecular factors involved in age-dependent processes of the nervous system (Scuola Normale Superiore in Pisa)</li><li>- Functional analysis of molecular factors involved in age-dependent processes of the nervous system (Scuola Normale Superiore in Pisa)</li></ul> <p>PSYCHOLOGICAL CURRICULUM</p> <ul style="list-style-type: none"><li>- Psychological trajectories and transitions in the life cycle (University of Florence)</li><li>- Resilience and vulnerability processes in psychological trajectories (University of Florence)</li><li>- Brain-body interaction and psychological well-being (University of Pisa)</li><li>- Multidisciplinary approach to psychological well-being across the life course (University of Pisa)</li></ul> <p>SOCIO-DEMOGRAPHIC CURRICULUM</p> <ul style="list-style-type: none"><li>- The demography of ageing (University of Florence)</li><li>- Wellbeing in older populations (University of Florence)</li><li>- New Research Perspectives in Family Demography (University of Florence)</li><li>- Causes and consequences of union dissolution (University of Florence)</li><li>- New Research Perspectives in Social Demography (University of Florence)</li><li>- Family formation (couple relationships, union formation, fertility) (University of Florence)</li></ul>	
RANKINGS FOR SPECIFIC RESEARCH TOPICS SCHOLARSHIPS		
BIOMEDICAL		
RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 8	<p>1 - Regione Toscana Pegaso Scholarships 2025**</p> <p>LCR_41_BIO_TEM_01 “Effects of human-animal interaction in the elderly” (University of Florence)</p> <p>** For Regione Toscana Pegaso Scholarships 2025 a period of <b>training/research</b> in an enterprise, a public research institution or other public institution (not a university) of at least <b>3 months</b> is <b>mandatorily</b> required.</p>	

	<p><b>1 - University of Florence - Department of Neuroscience, Psychology, Drug Research and Child Health (NEUROFARBA)</b>  <b>LCR_41_BIO_TEM_02</b> “Psychological well-being of pediatric patients: an integrated model for assessment and prevention” - Funded by project 58514_DIPECC_23_27 - “Progetto Dipartimenti di Eccellenza 2023-2027” - CUP B17G22000740001</p> <p><b>1 - Scuola Normale Superiore in Pisa</b>  <b>LCR_41_BIO_TEM_03</b> “Omic and functional analysis of molecular factors involved in age-dependent processes of the nervous system”</p> <p><b>1 - University of Piemonte Orientale</b>  <b>LCR_41_BIO_TEM_04</b> “Dual and triple receptor agonists for the treatment of patients with endocrine-metabolic diseases of different etiology: the impact of new incretin therapies on biochemical, hormonal, instrumental and quality of life (QoL) parameters in the over-60 population”</p> <p><b>1 - University of Turin</b>  <b>LCR_41_BIO_TEM_05</b> “Metabolic modulations as tools to identify and follow up chronic diseases in the elderly”</p> <p><b>1 - University of Napoli “Federico II”</b>  <b>LCR_41_BIO_TEM_06</b> “Unraveling the mechanisms of rare disease to exploiting management of chronic diseases ”</p> <p><b>1 - University of Pisa</b>  <b>LCR_41_BIO_TEM_07</b> “Psychoneuroendocrine immunology of human behavior”</p> <p><b>1 - University “ Vita-Salute San Raffaele”</b>  <b>LCR_41_BIO_TEM_08</b> “Dissecting the molecular and functional determinants of chronic pathogenic inflammation and fibrosis”</p>
<p align="center"><b>RANKING FOR SPECIFIC RESEARCH TOPIC SCHOLARSHIP</b>  <b>PSYCHOLOGICAL</b></p>	
<p><b>RANKING FOR POSITION WITH SPECIFIC RESEARCH TOPIC SCHOLARSHIP AVAILABLE: 1</b></p>	<p><b>1 - Free University of Bolzano</b>  <b>LCR_41_PSYCHO_TEM_01</b> “Social-Emotional Skills and Educational Vulnerability: A Multilevel Investigation on Students, Schools, and Families”</p>
<p align="center"><b>RANKINGS FOR SPECIFIC RESEARCH TOPICS SCHOLARSHIPS</b>  <b>SOCIO-DEMOGRAPHIC</b></p>	
<p><b>RANKING FOR POSITIONS WITH SPECIFIC RESEARCH</b></p>	<p><b>1 - Regione Toscana Pegaso Scholarships 2025**</b>  <b>LCR_41_SOCDEM_TEM_01</b> “Reproductive health and low fertility: the role of medically assisted reproduction and policies to promote and support</p>

<p><b>TOPICS SCHOLARSHIPS AVAILABLE: 9</b></p>	<p>childbearing” (<i>University of Florence</i>)</p> <p><i>** For Regione Toscana Pegaso Scholarships 2025 a period of <b>training/research</b> in an enterprise, a public research institution or other public institution (not a university) of at least <b>3 months</b> is <b>mandatorily</b> required.</i></p> <p><b>1 - Alma Mater Studiorum Bologna</b> LCR_41_SOCDEM_TEM_02 “Social Uncertainty and Fertility in Europe”</p> <p><b>1 - University of Bari</b> LCR_41_SOCDEM_TEM_03 “Demographic behaviours and migrations”</p> <p><b>1 - University of Cagliari</b> LCR_41_SOCDEM_TEM_04 “Demographic Dynamics and Education in Sardinia”</p> <p><b>1 - University of Siena</b> LCR_41_SOCDEM_TEM_05 “Educational Poverty: New Frontiers in Measurement and analysis”</p> <p><b>1 - University of Turin</b> LCR_41_SOCDEM_TEM_06 “Inequalities across the lifecourse: families, education, labor market, health”</p> <p><b>1 - University of Trento</b> LCR_41_SOCDEM_TEM_07 “Fertility, infertility and employment”</p> <p><b>1 - Università degli Studi Milano-Bicocca</b> LCR_41_SOCDEM_TEM_08 “Health and well-being of the foreign population”</p> <p><b>1 - University of Napoli “Federico II”</b> LCR_41_SOCDEM_TEM_09 “Cultural identity and socio-demographic aspirations of young children of immigrants residing in Italy”</p>
<p><b>MANDATORY STUDY/RESEARCH PERIODS ABROAD</b></p>	<p><b>6 months</b> for Regione Toscana Pegaso Scholarships 2025 <b>At least 3 months</b> for all the other positions</p>
<p><b>DOCUMENTS REQUIRED FOR THE ADMISSION</b></p>	<ul style="list-style-type: none"> <li>• Copy of the Identification Document</li> <li>• Self-certification for qualifications obtained in Italy (laurea triennale, specialistica o magistrale o ciclo unico) with list of exams taken, credits and related grade, title of the thesis and graduation mark (using this <a href="#">template</a> or similar forms containing the required information)</li> <li>• Qualifications obtained abroad (Bachelor’s and Master Degrees or combined cycle Degree) with a list of all exams taken, credits and related grade, rating scale, title of the thesis and graduation mark</li> </ul>

	<i>The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2025</i>
<b>DOCUMENTS REQUIRED FOR THE EVALUATION</b>	<p><b>MANDATORY</b></p> <ul style="list-style-type: none"> <li>• Curriculum vitae publications of the applicant</li> <li>• Research Project</li> </ul> <p><b>OPTIONAL</b></p> <ul style="list-style-type: none"> <li>• List of Publications (if any)</li> <li>• Other qualifications</li> </ul>
<b>RESEARCH PROJECT</b>	<p>The research project proposal should be drafted in English, it must <b>not exceed 10.000 characters</b> (including: spaces, abstract, references, and notes). The project must include an <b>abstract (maximum 1500 characters</b>, including spaces), <b>state of the art</b> and contextualization of the topic, <b>methodologies</b>, <b>expected results</b>, references. The project may include up to three tables or figures.</p> <p><b>STANDARD RANKING</b> The research project submitted by candidates applying for scholarships in the standard ranking must refer to one of the topics listed in the section "<b>Thematics for Standard Ranking Projects.</b>"</p> <p><b>RANKINGS FOR SPECIFIC RESEARCH TOPICS SCHOLARSHIPS</b> It is allowed to apply for multiple scholarships with specific research topics within the same curriculum, by submitting a separate project for each scholarship and clearly indicating which scholarship the project refers to.</p> <p><b>Note:</b> The same research project can be submitted for both one of the specific research topic scholarships and the standard ranking.</p>
<b>FURTHER INFORMATION</b>	<p>The research activity related to the <b>Pegaso Scholarships 2025</b> will be carried out mainly in one of the partner institutions (University of Florence, Scuola Normale Superiore in Pisa, University of Siena, University of Pisa).</p> <p>The research activity related to the specific research topics scholarships will be mainly carried out at the funding institution.</p> <p>For Ph.D. students of the Socio-Demographic curriculum, a first year of in-person teaching is planned at the administrative headquarters (University of Florence).</p> <p>More information on the Life Course Research program is available on the course website: <a href="https://www.phd-lcr.com/">https://www.phd-lcr.com/</a></p>
<b>INTERVIEW MODE</b>	<b>Remotely</b> (videocall)
<b>FURTHER INFORMATION ON INTERVIEW</b>	The interview will be focused on the topic(s) related to the subject of the research project(s) and it will also be aimed at assessing the scientific knowledge and the research aptitude of the candidate. The interview is also intended to verify candidate knowledge of the English language (level B2 at least).

<b>EVALUATION MARKS</b>			
	<b>parameters</b>	<b>minimum score</b>	<b>maximum score</b>
	Curriculum vitae, publications and other qualifications document	25/120	35/120
	Research Project	25/120	35/120
	<b>Applicants who obtain a mark of at least 50/120 according to the minimum score for each parameter will be admitted to the interview</b>		
	Interview	30/120	50/120
<b>Eligibility is achieved with a minimum score of 80/120</b>			

<b>EXAMINATION SCHEDULE</b>		
	<b>DATE</b>	<b>TIME</b>
<b>INTERVIEW</b>	September 23 <sup>th</sup> , 2025	09:30 a.m.
The list of candidates admitted to the interview and the final ranking will be published at the page <b>PhD courses</b>		