

## WHY STUDY AT THE CYPRUS INSTITUTE?

### ADMISSION REQUIREMENTS

To be considered for admission to a PhD program, applicants must have:

- A master's degree from an accredited institution
- Proof of English language proficiency
- Strong computational skills

Details about the admission requirements, related supporting documents and application deadlines, can be found on our website [www.cyi.ac.cy](http://www.cyi.ac.cy)

### APPLICATION DEADLINES

Please see our website [www.cyi.ac.cy](http://www.cyi.ac.cy) for deadline options for entry in October (Fall Semester) or February (Spring Semester).

### FINANCIAL AID

Financial aid is offered based on merit in the form of scholarships, research assistantships and under the Work Study Scheme.

### CONTACT US

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**Website:** [www.cyi.ac.cy](http://www.cyi.ac.cy)



*The Cyprus Institute Graduate School reserves the right to make any changes to the program upon approval of the Ministry of Education, Culture, Sport and Youth.*

### EXCEPTIONAL FACULTY

Students have the opportunity to study alongside exceptional inter-disciplinary faculty and world-leading research teams. These faculty and researchers are attracted to the Institute due to its intensive research focus and Cyprus' unique geographical position which provides access to an area abundant with research challenges and opportunities.

### STATE-OF-THE-ART FACILITIES

The Cyprus Institute has the most advanced research infrastructure in Cyprus dedicated to cross-disciplinary research, with some of the facilities unique on a regional level. Our students have access to this infrastructure throughout the duration of their graduate research.

### LOW STUDENT-FACULTY RATIO

The Graduate School maintains a small number of hand-picked students, which results in a low student-faculty ratio. This allows for a high degree of individual focus in research, personal guidance, mentoring and career coaching resulting in successful placements.

### MULTICULTURAL ENVIRONMENT

The School values the strengths that a multicultural environment provides so it has made it a priority to promote diversity, hence: 56% of our students and 68% of our faculty are international. English is the language of instruction and communication.

### RESEARCH ASSISTANTSHIPS

The Cyprus Institute is a champion in competitive research, attracting an impressive number of European projects and other competitive grants. In Horizon 2020, Cyl has attracted 12 times the European average in terms of funds per R&D FTE personnel (2014 to 2020). As a result, many of our students are offered financial aid through their participation in research teams, which strengthens their research experience alongside their theoretical education.

# THE CYPRUS INSTITUTE GRADUATE SCHOOL

## DOCTORAL PROGRAMS



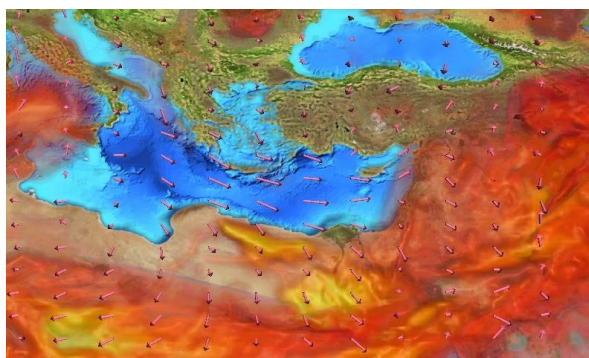
THE CYPRUS  
INSTITUTE

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## ENERGY, ENVIRONMENT AND ATMOSPHERIC SCIENCES, PHD

Students are educated in subjects that are of international, high priority. The challenging program curriculum includes courses that establish a common basis among students from different disciplines. The curriculum includes courses from the selected domain (energy, environment, or atmosphere) as well as a number of courses that provide insights into a variety of more specialized and vital topics. Doctoral candidates perform research with internationally recognized research teams in fields including, but not limited to:

- Solar Energy & Desalination
- Climate Change & Impact
- Atmospheric Sciences & Meteorology
- Environmental Research & Monitoring
- Water Research & Management
- Sustainability & Build Environment



## COMPUTATIONAL SCIENCES, PHD

The program educates potential scholars in mathematical modelling and in computational methods and techniques needed to solve complex scientific and engineering problems, as well as in management and visualization of complex data sets. Doctoral candidates are trained in the use of state-of-the-art computational methods and advanced computer technologies, and perform research with internationally recognized research teams in the fields of:

- Climate Modelling
- Computational Physics
- Machine Learning
- Scientific Computing
- Computational Fluid Dynamics
- 3D Visualization
- Multiscale Modelling



## SCIENCE AND TECHNOLOGY IN ARCHAEOLOGY AND CULTURAL HERITAGE, PHD

Students investigate the integration among science, technology, the humanities and the social sciences, with an understanding of “Heritage” in its broadest definition. The program prepares students to handle significant research questions with the use of digital technologies and to utilize an extensive range of scientific methods and applications for research in Cultural Heritage. Thus the program enables future scholars to acquire and extend the crucial body of knowledge in this emerging research field. Doctoral candidates perform research within internationally recognized research teams in fields including, but not limited to:

- Digital Cultural Heritage
- Visualization & Virtual Environments for Art, Architecture & Archaeology
- Art Characterization
- Archaeological Sciences
- Ancient Materials
- Built Heritage & Cultural Landscapes
- Human Bioarchaeology
- Archaeobotany



## JOINT DEGREES AND EUROPEAN JOINT DOCTORATES

Joint degrees provide a unique opportunity for students to study at more than one institution of higher education. Students gain experience and expertise at world-renowned institutions, and have the opportunity to experience life in more than one city.

Doctoral students at The Cyprus Institute have the option to pursue their PhD studies jointly with internationally recognized institutions with which The Cyprus Institute maintains agreements. For joint degrees, these include the University of Illinois, University Paris-Saclay, Lund University, University of Edinburgh, University of Groningen, Ghent University, and the University of Lille, and within the context of European Joint Doctorate programs, with the University of Ferrara, University of RWTH Aachen, University of Wuppertal, University of Rome “Tor Vergata”, Hebrew University of Jerusalem, and Humboldt University. Visit the Joint Degree section on our website for more information.

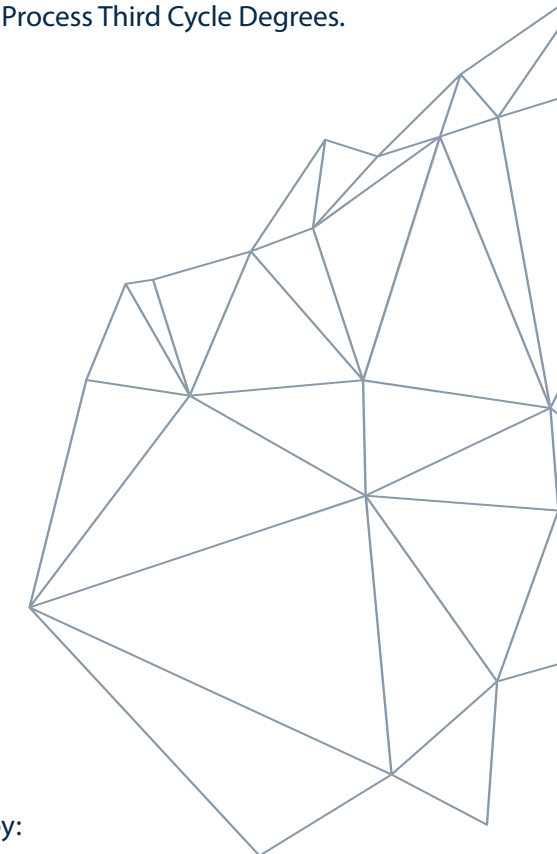


## ABOUT THE PROGRAMS

The programs are of three year duration and the language of instruction and communication is English.

Doctoral studies at The Cyprus Institute are research oriented and provide the opportunity to candidates to work alongside distinguished faculty, to acquire training in the use of cutting-edge methods and techniques, gain access to state-of-the-art infrastructure, and to carry out research with internationally recognized research teams.

The Cyprus Institute utilizes the European Credit Transfer System (ECTS) and has been awarded an Erasmus Charter for Higher Education. The doctoral programs are accredited and adhere to the Bologna Process Third Cycle Degrees.



Accredited by:



THE CYPRUS AGENCY OF QUALITY ASSURANCE  
AND ACCREDITATION IN HIGHER EDUCATION