The Cyprus Institute Graduate School

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Head of the Office of Graduate Studies
Manager of the Graduate School

The Graduate School

Est. 2010

An accredited, degree-granting institution of Higher Education

Offers postgraduate education opportunities exclusively

Attracts high calibre students from Cyprus and abroad

The Graduate School

Research Institution of Postgraduate Education – connected curriculum

Interdisciplinary, polythematic school

Strong focus on Science & Technology

People

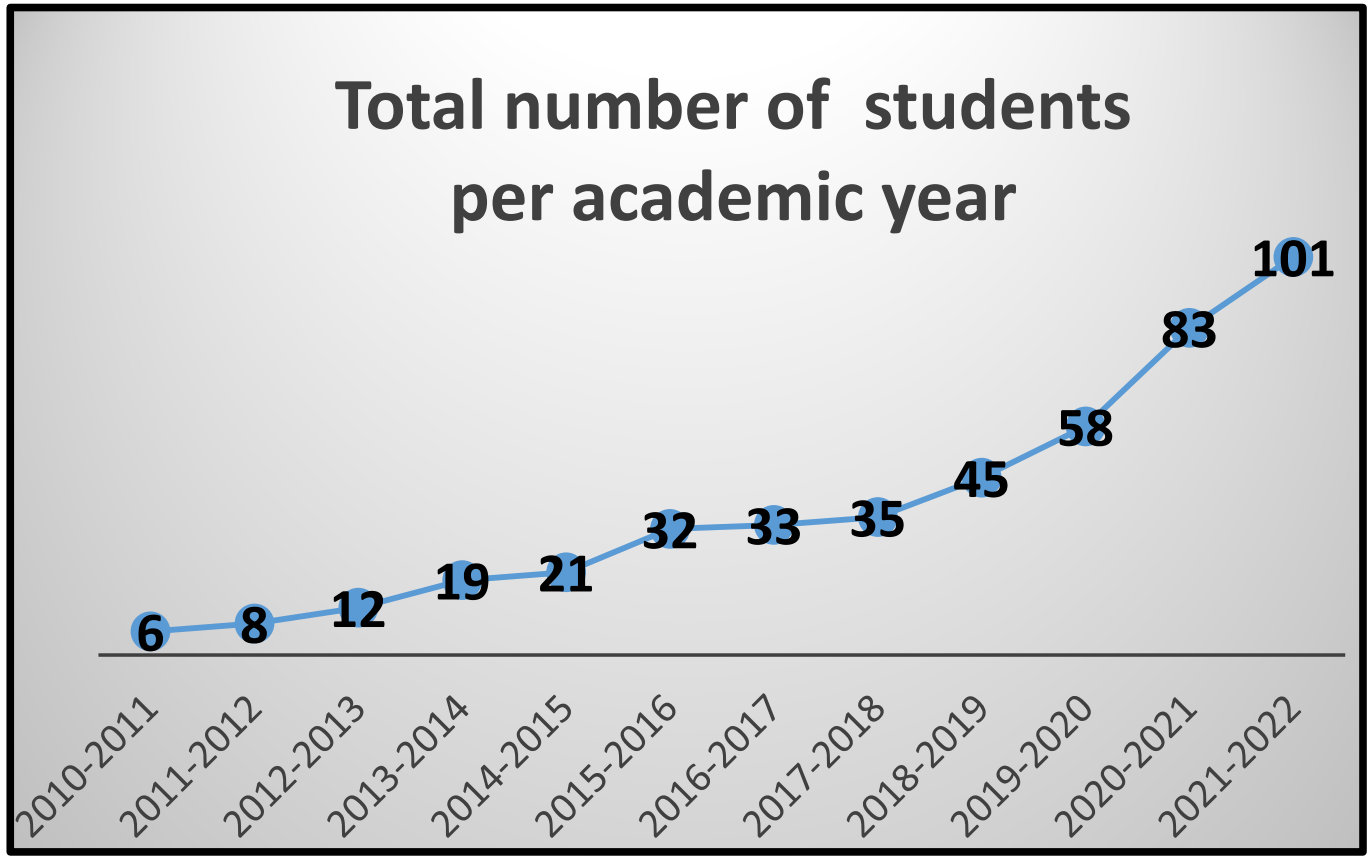
Students

- 101 Students (75 PhD / 26 Master's)
- 53% international students (24% from third countries)
- 20 Nationalities
- 57% male / 43% female students
- 16% admission rate for 2021-2022
- 42 Alumni (26 PhD / 16 Master's)

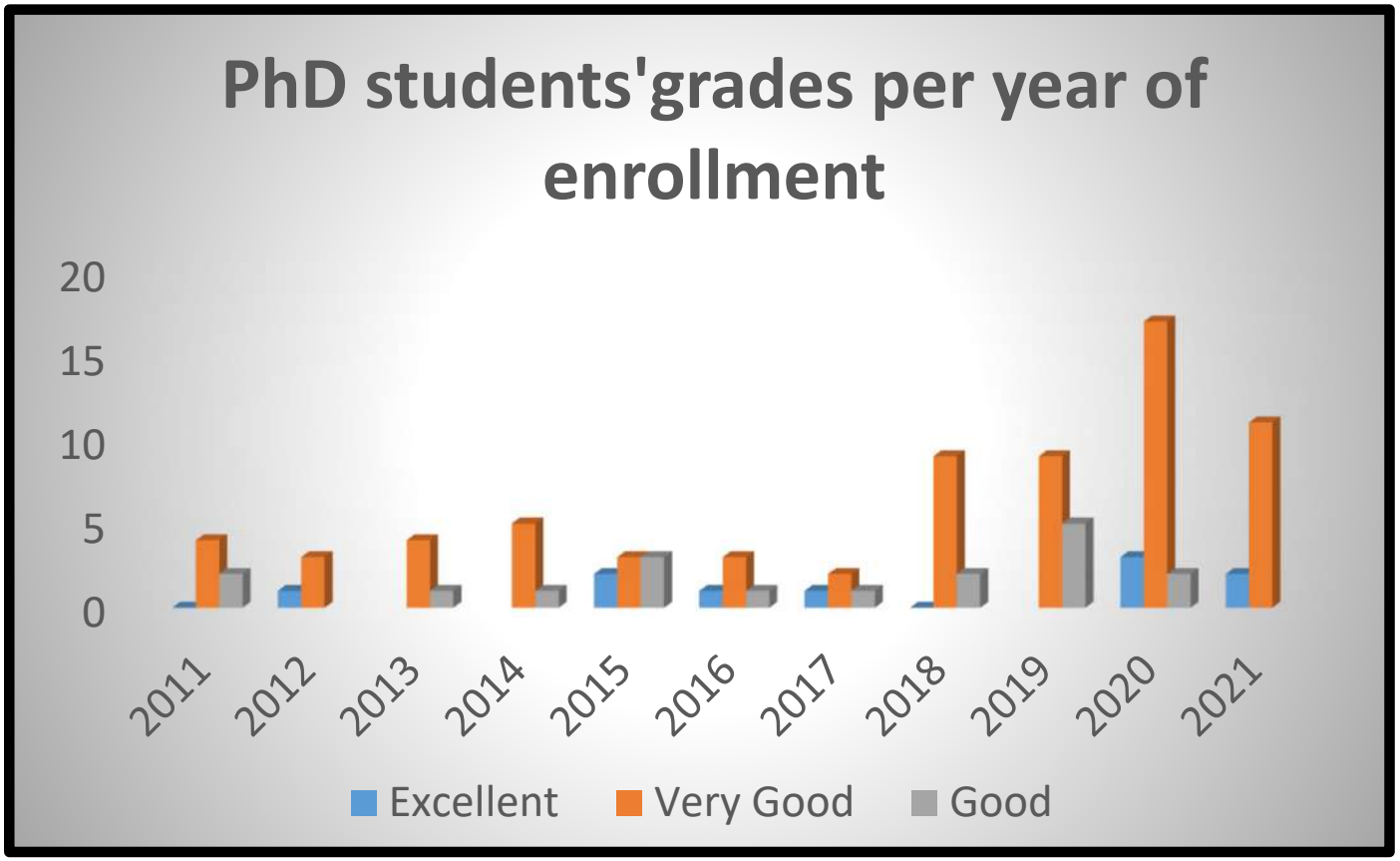
Teaching

- 52 Faculty members
- Supervised >200 PhDs >250 Masters
- 56% international
- Special Teaching Staff (ARS, PD, RA)

Students


Total number of students per academic year
6
8
12
19
21
32
33
35
45
58
83
101
2010-2011
2011-2012
2012-2013
2013-2014
2014-2015
2015-2016
2016-2017
2017-2018
2018-2019
2019-2020
2020-2021
2021-2022

PhD Students



Educational Programs Portfolio

D

M

EAS

The PhD programme is organized according ***to competitive global standards in terms of learning resources and student support****. The* ***research experience and the academic credentials of the staff are high according to international standards****. Their* ***diverse international background*** *contributes to the creative synthesis of a* ***strong international innovative institute.***

ACH

The major strength of the PhD programme is its ***unique interdisciplinarity in Archaeological Science and (digital and science-based) Cultural Heritage, the research focus, the excellent staff/student ratio and the dedication of the teachers to communicate with the students****…….The* ***laboratory facilities*** *assure a very strong practical component in the programme and* ***cutting-edge scientific methodologies****.*

COS

The program is producing ***graduates that are valued by the labor market****…..The* ***low ratio of students to teachers is very beneficial since it allows for the teachers to focus on the individual needs of each student and allows for constructive teaching and communication****.*

Educational Programs Portfolio

Doctoral Programs

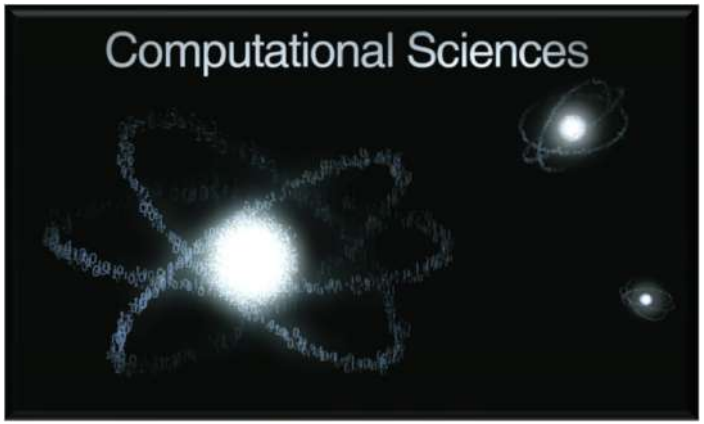
- PhD in Energy, Environment & Atmospheric Sciences (25 students enrolled)
- PhD in Computational Sciences (22 students enrolled)
- PhD in Science & Technology in Archaeology and Cultural Heritage (28 students enrolled)

Master's Programs

- MSc/MPhil in Environmental Sciences (10 students enrolled)
- MSc in Simulation and Data Science (6 students enrolled)
- MSc Digital Cultural Heritage (7 students enrolled)

Accredited by ΔΙΠΑΕ CYQAA

Doctoral Programs



- *Structure: 3 year programs*
  - *organised in six semesters*
  - *180 ECTS (160 research + 20 taught)*
- *Language of Instruction: English*
- *“Connected curriculum”*
- *Integrated curriculum*

ACH

Frontiers & Methodologies in Science and Technology in Archaeology and Cultural Heritage

+ 1-2 electives from

EAS 511: Monitoring and Modelling Terrestrial Ecosystems and Hydrologic Processes EAS 513: Terrestrial Ecosystems EAS 515: Renewable Energy Sources EAS 518: Energy and the Built Environment EAS 521: Energy Systems Analysis and Modelling EAS 522: Energy and Environmental Policy EAS 523: Interactive Visualisation of the Built Environment EAS 524: Design, Modelling and Optimization of CST Power Plants	COS 504: Simulations for physical systems COS 506: Quantum Computing for physical systems COS 510: Computational approaches for complex molecular systems COS 514: Advanced topics in Computational and Mathematical Biology COS 518: Climate Modelling COS 522: Computational methods for quantum field theories COS 524: Large-scale simulations for Lattice Quantum Chromodynamics COS 528: Computational Fluid Dynamics - Finite difference and volume of fluid methods COS 530: Computational Fluid Dynamics - The Lattice Boltzmann method	ACH 502: Advanced Methods in Archaeobotany: from the field to the interpretation of the data ACH 504: Advanced Challenges in Archaeological Sciences ACH 506: Advanced Research Topics in Built Heritage and Cultural Landscapes ACH 508: Advanced Methods in Human Osteoarchaeology ACH 509: Advanced Research Topics in Human Bioarchaeology: Contributing to Key Questions within the Archaeology of the Eastern Mediterranean and South West Asia
ES 401: Fundamentals of Atmospheric Physics and Meteorology ES 402: Climatology ES 406: Atmospheric Chemistry and Biology ES 407: Atmospheric Measurement Techniques ES 408: Dynamic Meteorology ES 409: Synoptic Meteorology ES 416: Atmospheric Modelling ES 417: Hydrology and the Atmosphere-Water Cycle ES 418: Aerosol Physics and Chemistry ES 419: Climate Change: Concepts and Perspectives	SDS 401: Mathematical Modelling and Algorithms SDS 402: Introduction to High Performance Computing SDS 403: Fundamentals of Data Science and Statistics SDS 404: Machine Learning and its Applications SDS 416: Visualization and Advanced Data Structures SDS 417: Advanced Computer Architectures SDS 418: Deep Learning Approaches SDS 419: Modelling and Simulation for Scientific Applications	DCH 401: Arts, Humanities & Culture in the Digital Age DCH 402: Fundamentals of Digital Cultural Heritage DCH 403: Digital Innovation and Cultural Heritage DCH 404: Scientific Reading & Advanced Academic Writing (Part A & Part B) DCH 416: 3D Documentation & Scientific Visualization and Cultural Heritage Research DCH 417: The Data Life Cycle in Cultural Heritage DCH 418: Modelling and Simulation of Social & Cultural Phenomena DCH 419: Digital Curatorship & the Museum of the Future DCH 421: Community Engagement & Heritage Education in a Digital World DCH 422: Heritage Science in the Digital Age DCH 423: Synchrotron Radiation (SR)-enabled Research in Heritage Sciences & Archaeology DCH 424: Environmental & Climate Perspectives on Cultural Heritage

Masters Programs

- ✓ *Structure: 1 year programs, MSc (90 ECTS)*
  - ✓ *1.5 year programs, MPhil (120 ECTS)*
  - ✓ *Language of Instruction: English*
  - ✓ *Linked to PhD, integrated curriculum*
  - ✓ *"Connected curriculum"*

Graduate School Summer Internship Program

Internships

5th Summer Internship Program (many projects delivered online)

- 29 project choices offered
- 92 applications received
- 35 interns attended the program (40% international)

Summer interns accepted to our Master's and PhD programs

University of Cambridge/ of Oxford/ of Edinburgh/ of Glasgow/ of Manchester/ of Bristol/ of Lancaster/ of Leicester/ of Newcastle · UCL · Imperial College · UCLA · University of Cyprus · Nat. Tech. University of Athens · Chinese University of Hong Kong · University of Athens

Graduate School Year-Round Internship Program

Running for the 2nd year
Duration: 6m
Placement opportunities
Tool for faculty to work close to potential students and better assess them

ERASMUS+

Erasmus Charter for Higher Education 2021-2027

20 inter-institutional agreements
Funding multiplied received for credit mobility
So far

- More than 80 mobility activities

Award of First International Credit Mobility:

- American University of Beirut (AUB)

Transferrable skills courses

Offering a variety of extra courses on horizontal skills on top of their studies (optional)
Open to all students
Tailor-made to the needs of the students

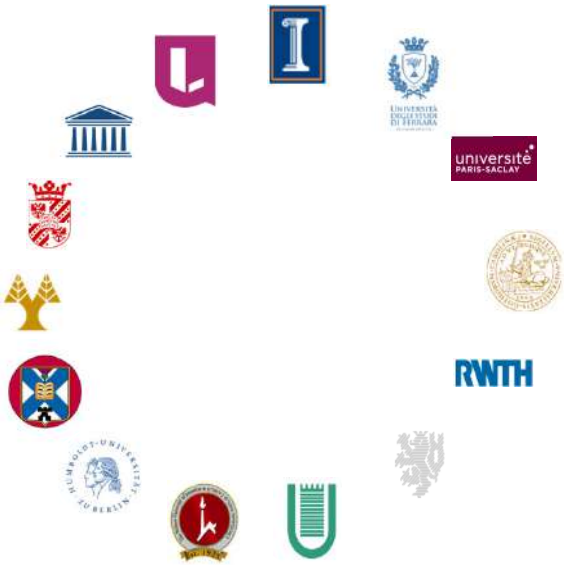
Students' Club

On a bi-weekly basis

From students for students (journal clubs and research updates)

Practice on communication skills, public speaking

Educational Agreements



Joint/Dual Degrees

- University of Illinois
- University of Ferrara
- University Paris-Saclay
- University of Lund
- University of RWTH Aachen
- University of Wuppertal
- University of Rome “Tor Vergata”
- Hebrew University of Jerusalem
- Humboldt University
- University of Edinburgh
- University of Groningen
- Ghent University
- University of Lille

Cross-registration agreements

- University of Cyprus

Erasmus+

- 20 inter-institutional agreements

➢ CyI coordinates two ITN-EJD projects and one ITN-ETN Marie Sklodowska-Curie projects

Our Alumni

From 2016 to 2022

- 26 alumni from the PhD programs

- 16 alumni from the Masters programs

62% in Cyprus

71% in Academia

33% stayed at CyI

Scholarship/Financial Aid Opportunities

SCHOLARSHIPS (MSc, PhD)

- full or partial to cover fees and/or living expenses
- granted based on academic merit

RESEARCH ASSISTANTSHIPS (PhD)

- students work as members of a research group in research projects
- offered based on academic merit, the correspondence between CyI research projects and the interests and qualifications of the students

WORK STUDY (PhD)

- students undertake several administrative and research tasks for CyI
- offered on the basis of students' qualifications and availability of funds
- part-time employment basis

The Graduate School at a Glance

- International environment with 56% international students and 68% international faculty
- Low student:faculty ratio (2:1)
- Good gender balance (42% female, 58% male students)
- >50 faculty members and >200 Research staff
- Training and development opportunities (internships, workshops, seminars, summer schools, conferences)
- Financial aid opportunities (>70% of staff and students spent more than 1 month abroad)
- Almost 50% of our PhD students are enrolled in a joint PhD degree
- Excellent employability prospects (100% of PhD graduates find employment max 3m after graduation in positions relevant to their studies)
- Member in >70 regional and international networks
- Established strategic partnerships (Max Planck Institute for Chemistry, MIT, UIUC/NCSA, C2RMF, CNRS, CEA, UHEL)
- Champion in attracting competitive funding (12 times higher the EU average per capita in Horizon2020)
- Research outputs - >70m competitive grants, 80active research projects, >1000 scientific publications, 16 research laboratories
- State-of-the-art facilities (several unique at regional level)

Social Life

Contact us

Follow us on:

Thank you very much for your attention

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