

Postgraduate Programme Places for the Academic Year 2024/2025

Twelve (12) PhD Programs:

A/A	Research Interests	Supervisor	Email	Tel Nbr
1	Amphiphilic polymer conetworks and their applications in energy: polymer electrolytes for lithium ion batteries	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
2	Amphiphilic polymer conetworks and their applications in health: new templates for tissue engineering	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
3	Computational Design and Organic Synthesis of Small Molecules for Incorporation in 3rd Generation Organic Solar Cells	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
4	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Cancer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
5	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Alzheimer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
6	Design, Synthesis and Characterisation of Neutral and Metal Complexed Organic Magnets	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
7	Discovery and Development of New Reactions and Synthesis Methodologies for Heterocyclic Chemistry	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
8	Detection of pollutants using TD-GC-MS for applications in Food Chemistry or Environment	Assist. Prof Agapios Agapiou	agapiou.agapios@ucy.ac.cy	22895432
9	Structure, function and dynamics of biomolecules (This position can also be changed into a Master's position)	Assoc. Prof. Eftychia Pinakoulaki	effiep@ucy.ac.cy	22892782
10	Spectroscopic and chromatographic studies in Food Chemistry topics (This position can also be changed into a Master's position)	Assoc. Prof. Eftychia Pinakoulaki	effiep@ucy.ac.cy	22892782
11	Sensing and removal of heavy metal ions from water using novel selective hybrid organosilicate materials	Professor Anastasios Keramidas	akeramid@ucy.ac.cy	22892764
12	New quinone/hydroquinone metal complexes for the catalytic conversion of H ₂ O/O ₂ to H ₂ O ₂ and the construction of aqueous photosynthetic solar cells	Professor Anastasios Keramidas	akeramid@ucy.ac.cy	22892764
13	Application of the NMR spectroscopy in the detection of functional molecules in biological matrices	Professor Anastasios Keramidas	akeramid@ucy.ac.cy	22892764
14	Synthesis and Study of new Molecule-Based Magnetic Materials (This position can also be changed into a Master's position).	Professor Anastasios Tasiopoulos	atasio@ucy.ac.cy	22892765

15	Metal-Organic Frameworks as Materials for Environment and Energy - Related Applications (This position can also be changed into a Master's position).	Professor Anastasios Tasiopoulos	atasio@ucy.ac.cy	22892765
16	Use of Metal Organic Frameworks in waste water treatment (This position can also be changed into a Master's position).	Professor Anastasios Tasiopoulos	atasio@ucy.ac.cy	22892765
17	Use of Novel Ionic Liquids and Supramolecular Deep Eutectic Solvents as Chiral Selectors in Chromatography - Elucidation of the Enantioselective Recognition Mechanism	Assoc. Prof. Constantina Kapnissi - Christodoulou	ckapni1@ucy.ac.cy	22892774
18	Determination of pesticide and heavy metal residues in Cannabis Sativa L	Assoc. Prof. Constantina Kapnissi - Christodoulou	ckapni1@ucy.ac.cy	22892774
19	Interactions of rare earths with proteins and membrane-mimetic systems – On the road to separation and recovery	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
20	Polyoxometallic anions: Interactions with lipids and proteins	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
21	Spectroscopic studies of novel molecules/conjugated polymers for applications in organic electronics (photovoltaics, LED's, bioelectronics) (This position can also be changed into a Master's position).	Assoc. Prof. Sophia Charalambous - Hayes	shayes@ucy.ac.cy	22892769
22	Investigation of conjugate polymer conformation and chirality to spintronics applications (This position can also be changed into a Master's position).	Assoc. Prof. Sophia Charalambous - Hayes	shayes@ucy.ac.cy	22892769
23	New Ligands for Selective Targeting of G-Quadruplex Nucleic Acids (This position can also be changed into a Master's position).	Assist. Prof. Savvas Georgiades	georgiades.savvas@ucy.ac.cy	22892779
24	Synthesis of Drug-Like and Natural Product-Like Molecules by making use of C-H Activation (This position can also be changed into a Master's position).	Assist. Prof. Savvas Georgiades	georgiades.savvas@ucy.ac.cy	22892779
25	Synthesis and characterization of novel colloidal quantum dots for optoelectronic applications	Lecturer Sotirios Christodoulou	christodoulou.sotirios@ucy.ac.cy	22892762

Eight (8) Master Program:

A/A	Research Interests	Supervisor	Email	Tel Nbr
1	Amphiphilic polymer conetworks and their applications in energy: polymer electrolytes for lithium ion batteries	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768

2	Amphiphilic polymer conetworks and their applications in health: new templates for tissue engineering	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
3	Computational Design and Organic Synthesis of Small Molecules for Incorporation in 3rd Generation Organic Solar Cells	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
4	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Cancer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
5	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Alzheimer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
6	Design, Synthesis and Characterisation of Neutral and Metal Complexed Organic Magnets	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
7	Discovery and Development of New Reactions and Synthesis Methodologies for Heterocyclic Chemistry	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
8	Detection of pollutants using TD-GC-MS for applications in Food Chemistry or Environment	Assist. Prof Agapios Agapiou	agapiou.agapios@ucy.ac.cy	22895432
9	Interactions of natural antioxidants with membrane lipids	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
10	Biopolymer gels as materials for divalent cation batteries	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
11	Synthesis and characterization of novel colloidal quantum dots for optoelectronic applications	Lecturer Sotirios Christodoulou	christodoulou.sotirios@ucy.ac.cy	22892762
12	Synthesis and characterisation of iron oxide nanocrystals for anticancer properties	Lecturer Sotirios Christodoulou	christodoulou.sotirios@ucy.ac.cy	22892762

For further information, contact the Co-ordinator of the postgraduate programme: Associate Professor Sophia Hayes, Tel.: 22 892769, email: shayes@ucy.ac.cy, and the Secretary of Department Mrs Elena Aristotelous email: aristotelous.elena@ucy.ac.cy, Tel.: 22 892780.

For General information please visit the link below:

<https://www.ucy.ac.cy/graduateschool/wp-content/uploads/sites/45/2024/02/%CE%91%CE%B3%CE%B3%CE%BB%CE%B9%CE%BA%CE%AE-%CE%A0%CF%81%CE%BF%CE%BA%CE%AE%CF%81%CF%85%CE%BE%CE%B7-%CE%A7%CE%B5%CE%B9%CE%BC%CE%B5%CF%81%CE%B9%CE%BD%CF%8C-2024-2025-new-2.pdf>

Submission deadline: April 2nd, 2024