

Postgraduate Programme Places for the Academic Year 2021/2022

Twelve (12) PhD Programs:

A/A	Research Interests	Supervisor	Email	Tel Nbr
1	Amphiphilic fluoropolymer networks for energy applications: separator membranes for lithium ion batteries (possible funding from research project).	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
2	Amphiphilic polypeptide networks for health applications: matrices for tissue engineering (possible funding from research project).	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
3	Salts in membrane-mimetic systems	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
4	Protein interactions with lipid layers	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
5	Computational Design and Organic Synthesis of Small Molecules for Incorporation in 3rd Generation Organic Solar Cells	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
6	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Cancer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
7	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Alzheimer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
8	Design, Synthesis and Characterisation of Neutral and Metal Complexed Organic Magnets	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
9	Discovery and Development of New Reactions and Synthesis Methodologies for Heterocyclic Chemistry	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
10	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
11	«Metal-Organic Frameworks as Materials for Environment and Energy - Related Applications» or «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
12	Synthesis and Study of Colloidal Semiconductor Quantum dots for Optoelectronic Devices	Lecturer Sotirios Christodoulou	christodoulou.sotirios@ucy.ac.cy	22892762
13	Design and Synthesis of Supramolecular Structures Utilizing Fullerene C ₆₀ and Azafullerene C ₅₉ N as Molecular Building Blocks	Assoc. Prof. Nikos Chronakis	nikos.chronakis@ucy.ac.cy	22892781
14	Structure, function and dynamics of biomolecules	Assoc. Prof. Eftychia Pinakoulaki	effiep@ucy.ac.cy	22892782

15	Spectroscopic and chromatographic studies in Food Chemistry topics	Assoc. Prof. Eftychia Pinakoulaki	effiep@ucy.ac.cy	22892782
16	Sensing and removal of heavy metal ions from water using novel selective hybrid organosilicate materials	Professor Anastasios Keramidas	akeramid@ucy.ac.cy	22892764
17	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
18	“Mass Spectrometry Applications in Forensic and Clinical Toxicology” or “Mass Spectrometry Applications in Food Quality and Safety”	Assoc. Prof. Constantina Capnissi-Christodoulou	ckapni1@ucy.ac.cy	22892774
19	Spectroscopic characterization of conjugated polymers for optoelectronic applications (photovoltaics, LED's) {2 positions}	Assoc. Prof. Sophia Charalambous - Hayes	shayes@ucy.ac.cy	22892769

Eight (8) Master Program:

A/A	Research Interests	Supervisor	Email	Tel Nbr
1	Amphiphilic fluoropolymer networks for energy applications: separator membranes for lithium ion batteries (possible funding from research project).	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
2	Amphiphilic poly(l)peptide networks for health applications: matrices for tissue engineering (possible funding from research project).	Professor Costas Patrickios	costasp@ucy.ac.cy	22892768
3	Lanthanide interactions with surfactants and ionic liquids	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
4	Surface activity of antioxidants in food emulsions	Professor Epameinondas Leontidis	psleon@ucy.ac.cy	22892767
5	Computational Design and Organic Synthesis of Small Molecules for Incorporation in 3rd Generation Organic Solar Cells	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
6	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Cancer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
7	Design, Synthesis and Medicinal Chemical Evaluation of Heterocycles with Anti-Alzheimer Properties	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
8	Design, Synthesis and Characterisation of Neutral and Metal Complexed Organic Magnets	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783
9	Discovery and Development of New Reactions and Synthesis Methodologies for Heterocyclic Chemistry	Professor Panayiotis Koutentis	koutenti@ucy.ac.cy	22892783

10	Interaction of radionuclides with microparticles and surfaces in aqueous solutions (2 positions)	Professor Ioannis Pashalidis	pspasch@ucy.ac.cy	22892785
11	Synthesis of Novel Colloidal Quantum dots for NIR lasing	Lecturer Sotirios Christodoulou	christodoulou.sotirios@ucy.ac.cy	22892762
12	Design and Synthesis of Hexakis Adducts of Fullerene C ₆₀ as Cannabinoid Carriers and Drug Delivery Systems	Assoc. Prof. Nikos Chronakis	nikos.chronakis@ucy.ac.cy	22892781
13	Remote Steric Isotope Effects due to Deuterium Labeling in "ene" Reactions of Alkenes with Electrophilic Reagents (1O2, PTAD)	Assoc. Prof. Nikos Chronakis	nikos.chronakis@ucy.ac.cy	22892781

For further information, contact the Co-ordinator of the postgraduate programme: Associate Professor Eftychia Pinakoulaki, Tel.: 22 892782, email: effiep@ucy.ac.cy, the President of the Department: Associate Professor Constantina Kapnissi - Christodoulou, Tel.: 22 892774, email: ckapni1@ucy.ac.cy. 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/documents/Anakoinwseis/ANAKOINOSIS_SMS/%CE%95nglish_Prok_XE_2021_2022.pdf

Submission deadline: Friday, 2nd April 2021