

Two PhD student positions in “*Catalytic Processes for the Conversion of Renewable Feedstocks to High-Added Value Products*”, International Hellenic University, Thermi, Greece

Published: yyyy-mm-dd

The International Hellenic University (IHU) is Greece’s first public university where programmes are taught exclusively in English. The School of Science and Technology (SST) has been established to provide excellence in Technology Education and Research. Its activities cover research and postgraduate programmes on Energy Systems, Environmental Sustainability and Information and Communication Technology (ICT). The School’s philosophy is to provide state-of-the-art multi-disciplinary education.

More info for the university: www.ihu.edu.gr

Topic:

The PhD candidates will work on the development of Catalytic Processes for the Conversion of Renewable Feedstocks to High-Added Value Products, such as sustainable fuels and chemical products. The focus will be on the development of heterogeneous catalytic processes and will include novel catalyst synthesis, catalyst characterization and catalytic performance testing in batch and continuous reactor systems.

Requirements:

The candidate should have:

- a) Bachelor’s degree and/or Diploma in one of the following: Chemistry, Chemical Engineering.
- b) Master of Science in Chemistry, Materials, Chemical Engineering or similar.
- c) Advanced knowledge of written and spoken English (min C1 level).

The School of Science and Technology will not charge fees for doctoral studies.

Applications: The application should include

- a) Application form providing your personal details and the proposed subject of the doctoral thesis.
- b) Full research proposal giving the motivation, the objectives and the expected outcomes for the PhD research.
- c) A motivation letter with your research interests and the reasons for applying for this PhD position and experience (max. 2 pages). Please indicate also your earliest possible date for starting.
- d) Copy of undergraduate and Master's degrees, along with transcripts.
- e) Full CV, including information on the candidate's studies, research or professional activity, his/her scientific papers and interests.
- f) Certification of English language (level C1).
- g) Relevant publications (if any).
- h) A copy of your MSc thesis (or a summary in case the thesis is ongoing).
- i) Two reference letters.

Applications should be sent via email to: co-tech@ihu.edu.gr.

Information:

For more information about the PhD positions, please contact Prof. Eleni Heracleous: e.heracleous@ihu.edu.gr

Starting: 01 Mar 2025 or as otherwise agreed.

Please submit your application no later than 31 Jan 2025.