

PhD student position in “*Artificial Intelligence in Medicine, with a focus on clinical trials*”, International Hellenic University, Thessaloniki, Greece

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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 Information and Communication Technology (ICT) Systems and Energy Systems. The School's philosophy is to provide state-of-the-art multi-disciplinary education.

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

Topic:

Artificial intelligence (AI) is transforming clinical trials by improving patient selection, optimizing trial design, and speeding up data analysis, which can lead to more efficient and successful drug development. AI applications include using algorithms for patient stratification and real-time health monitoring, creating digital twins for simulations etc.

The PhD candidate will investigate Artificial Intelligence (AI) methods in medical data especially related to clinical trials. The focus can be on algorithms for matching, prediction and support. AI-related methods applied to medical data could be used to investigate trends, evaluate treatment effectiveness, and identify patterns.

Requirements:

The candidate should have:

- a) Degree in one of the following: electrical or computer engineering, computer science/ informatics, data science and similar.
- b) Master of Science in Data Science, Artificial Intelligence, Computer Science, Information Systems and similar.
- c) Very good knowledge of written and spoken English (min C1 level) is a requirement for the position.

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) Very good knowledge of the 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: infotech@ihu.edu.gr.

Information:

For more information about the post please contact Prof. Christos Tjortjis: c.tjortjis@ihu.edu.gr

Starting: 10 Feb 2026 or as otherwise agreed.

Please submit your application no later than 29 Dec 2025.