

DOCTORAL STUDIES in the IHU DEPT. of MECHANICAL ENGINEERING

Doctoral Studies in the Department of Mechanical Engineering aim at the promotion of knowledge through the production of original, integrated scientific research and lead to the acquisition of a Doctoral (Ph.D.) Degree. The Doctoral Degree is the highest academic Title, which certifies the acquisition of the research methodology and the substantial contribution of its owner to the development of science in the corresponding scientific field.

The Doctoral Studies Program of the Department of Mechanical Engineering (in Greek, FEK 3475/21-08-2020) is organized upon the Law 4485/2017. Those who meet the following requirements are entitled to apply for a Ph. D. Thesis in the IHU Department of Mechanical Engineering:

- They are graduates of a Greek University or equivalent Institutes from abroad (based on a DOATAP decision) AND own a Postgraduate Diploma of a Greek University or an equivalent Institute from abroad or they own a single and indivisible Title of Studies at postgraduate level according to Greek Legislation (see, e.g., article 46 of Law 4485/2017).

- The GPA of the Undergraduate Studies Degree is greater than or equal to "7.0" (seven). As an exception, a candidate Ph.D. student with a B.Sc. GPA less than "7.0" (seven) could be accepted, after a robust documentation of the Evaluation Committee and a decision of the Dept's Assembly.

- The GPA of the Postgraduate Studies Degree is greater than or equal to "8.0" (eight). Once again, as an exception, a candidate Ph.D. student with a M.Sc. GPA less than "8.0" (eight) could be accepted, after a robust documentation of the Evaluation Committee and a decision of the Dept's Assembly.

In any case, excellent knowledge of the English Language is required, something that can become evident by one of the following ways (PD 50/2001): (a) The candidate owns the Certificate of Proficiency in English Language from the University of Cambridge and/or Michigan, or (b) he or she owns the Greek State Certificate of level Γ2, or (c) he or she scored a 550/677 in TOEFL exams or a 6.5 in the IELTS Academic exams, not earlier than two years ago, or (d) the candidate Ph.D. student owns a B.Sc. Degree and / or a M.Sc. Diploma from an English-speaking Institute of the Tertiary Education Level, or (e) has a certificated teaching work in an English-speaking Institute of the Tertiary Education Level for at least one (1) academic year, or, finally, (f) is a distinguished candidate, such as, for example, one with a large number of publications in English, etc..

The time required for obtaining the Doctoral Degree is at least three (3) calendar years, counting from the date of appointment of the associated Advisory Committee. The maximum time for completing the Ph.D. Thesis is six (6) years, which can be extended (through annual extensions) for two (2) more years, after an application of the Ph.D student and a reasoned decision by the Assembly of the Department.

Research Topics still Available during 2023 - 2024:

- ✓ Composite-material structures optimization, one (1) Ph.D. candidate position.
- ✓ Characterization and utility of environmentally friendly materials, one (1) Ph.D. candidate position.
- ✓ Topics on advanced surface metal forming, one (1) Ph. D. candidate position.
- ✓ Environmental performance of vehicle motion systems, one (1) Ph. D. candidate position.

As regards the academic year 2023 – 2024, candidates should submit the associated material to the Mechanical Engineering Dept's Secretariat, by Monday, November 27, 2023 (15:00 GMT+2 hours), in both printed and electronic (CD) form, in the following address:

International Hellenic University,

Serres Campus,

End of Magnesias Str.,

GR-62124, Serres, Greece.

For more information, the Ph.D. candidates are encouraged to contact the Dept's Secretariat, at the phone number +30 23210 49125 and/or at the electronic address info@mech.ihu.gr, from Monday to Friday.