

## Ph.D. Studentship at the Department of Mechanical and Aerospace Engineering

**Description:** A Ph.D. studentship is available in the Department of Mechanical and Aerospace Engineering at the College of Engineering, United Arab Emirates University. The candidate should have the ability to conduct innovation and have writing skills. The position may be from a research project funded by the university research office. In addition, the College of Graduate Studies provides competitive scholarships (<https://www.uaeu.ac.ae/en/cgs/scholarship.shtml>). The student **must satisfy** the admission requirements for Ph.D. students (<https://www.uaeu.ac.ae/en/cgs/admission.shtml>). Only the shortlisted students will be contacted, and accepted students must apply on the admission system (<https://uaeu.elluciancrmrecruit.com/Apply/Account/Login>). If accepted, the Ph.D. candidate may be supported by the UAE University for 4 years with a stipend, full tuition fee waiver, and health insurance.

### Ph.D Research Area:

- Turbomachinery, particularly gas turbine cooling
- Desalination, particularly thermal and interfacial desalination
- Renewable energy, particularly solar and wind energy.
- Hydrogen, particularly generation, storage, or applications
- CFD, particularly ventilation and thermal comfort

### The minimum requirements:

- An MSc degree with a minimum GPA of 3.0 out of 4 and a BSc degree with a minimum GPA of 2.5 out of 4.
- A minimum IELTS score of 6.5 or equivalent.
- Please check this link for the requirements:  
<https://www.uaeu.ac.ae/en/cgs/admission.shtml>

### The preferred requirements:

- Good experience in CAD software
- Experimental or numerical experience in gas turbine, gas turbine cooling, CFD, desalination, or wind turbine.
- Good publications record.
- GRE above 290
- GPA for B.Sc. and M.Sc. is above 3.5

**Special Instructions to Applicant:** Candidates are requested to submit a **one-page CV** that contains the following: name, contact email and phone number, IELTS score, GPA scaled out of 4.0 for B.Sc. and M.Sc., patents, journal publication records (highlight Scopus Q1), M.Sc. thesis title, your area of interest, conference presentation records, GRE grade, and the rank and the names of B.Sc. and M.Sc. universities to Dr. Mahmoud Elgendi: [mahgendi@uaeu.ac.ae](mailto:mahgendi@uaeu.ac.ae). Write the title "Ph.D. Studentship" in the email. The shortlisted applicants only will be contacted.