



ABC Robotics Initiative

PhD Student Scholarships

Seeking outstanding students for advanced research in Multidisciplinary Robotics

ABC Robotics Initiative is seeking excellent PhD students to advance multidisciplinary Robotics R&D at BGU. The initiative is driven by a commitment to **collaboration and interdisciplinary transitional R&D of robotics systems**.

Who can apply:

PhD applicants must have completed an MSc/MA degree in Engineering, Computer Sciences, Natural Sciences, Health, Management or Social Sciences with a thesis. Experience in artificial intelligence, robotics, cognitive sciences and programming is an advantage. The candidate must choose a potential Thesis Advisor from among the ABC Robotics researchers prior to registration online. Applicant must be skilled in both oral and written communication in English and be able to work independently as well as in collaboration with others.

Application requirements:

The application should include a CV, a list of academic grades (must be in the top 20% ranking of their class), a copy of degree project report/thesis, a list of publications, three personal references (one from the MSc/MA thesis advisor) and one A4 page describing the personal motivation for applying for this position.

Applicants must fulfill all BGU Kreitman's Graduate School requirements. Ph.D. candidates must submit a research proposal and pass a qualification exam on their research proposal within the first year of the PhD studies. The PhD thesis should be completed within a 4-year timeframe.

The accepted scholars will be obliged to participate in all ABC Robotics activities (monthly and special seminars, annual conference, lab tours, reviews). The students will be expected to present their work in leading robotics conferences and journals. All applicants are obliged to apply to all relevant scholarships (e.g. Hi-Tech, Kreitman, Negev Tzin) on application and throughout the PhD studies. The ABC scholarship will be complementary (not in additional).

Scholarship details:

The ABC Robotics Ph.D. Scholarship covers tuition fees and a monthly stipend. The candidate will receive a minimum of 5,544 NIS per month for a duration of 4 years.

Each monthly payment is made up of 12 units of 462 each. Five of these units are from ABC Robotics, a minimum of two from the thesis Advisor and a minimum of five additional units from the Department/Faculty. Advisors can add to these units.

The Department/Faculty must cover tuition fees.

Additional requirements and details on Kreitman's Graduate School admission may be found at:

https://in.bgu.ac.il/en/kreitman_school/Pages/admission.aspx

After acceptance to Kreitman Graduate School, **advisors** should send their recommendations along with the full student application to ABC email: abc-robotics@bgu.ac.il, and note how the student will integrate into a new RDP and/or research project related to ABC-Robotics main themes. Advisors must specify the budget number to be used for the required matching (5 units of 462 shekels per month or 27,720 NIS per year).

Priority will be given to excelling students supervised by two different researchers from different departments/faculty to ensure multi-disciplinary research in cognitive robotics.

List of potential researchers/labs are listed at:

<http://in.bgu.ac.il/en/robotics/Pages/default.aspx>

Closing date for applications:

20 July 2022 for students that have registered for the upcoming academic year. Candidates applying by above closing date will be informed by September 15, 2022.

Starting date:

October 2022

abc-robotics@bgu.ac.il

www.bgu.ac.il/abc-robotics

