

# Graduate Studies

## - General Information

The department of Industrial Engineering and Management (IEM) offers graduate programs at both the Masters (M.Sc.) and Doctoral (Ph.D.) degree levels.

The Masters-level programs aim at developing the research skills, required for high-quality scholarly research, as well as enhancing the professional skills, required for advancing to high-profile positions in the Industry. The department offers programs in a variety of research areas and fields of expertise – Operations Research, Information Systems, Applied Statistics, Human factors, Intelligent Systems, Robotics, Data Science & Business Analytics, and Transportation Management. Student in research-oriented programs conduct research during their studies, supervised by IEM faculty members, and are required to submit a research thesis. However, some Masters-level programs are based on taking graduated-level courses, and do not required involvement in research.

Doctoral studies at Ben-Gurion University, towards a Ph.D. degree, are managed by the Kreitman School for Doctoral Studies. While being administrated by the Kreitman School, IEM doctoral students conduct research in their field of interest, under the supervision of IEM faculty members.

The department offer distinguished Master's, a special combined-program that grants them with the possibility to register to Doctoral studies, during their second year of Masters studies. This opportunity is offered to students who demonstrated excellent research skill, and their research fits extension to a doctorate-level thesis, in terms of magnitude, depth, and originality