

Name of Program: M.Sc. Research Program at the Racah Institute of Physics

Name of Faculty: Faculty of Science

Degree: M.Sc.

Brief Program Description:

The Racah Institute of Physics offers B.Sc. graduates a comprehensive **two-year M.Sc. Research Program in Physics**. The Racah Institute is one of the best physics departments in Israel. The Institute's research covers a broad range of topics in theoretical and experimental physics and offers a high level of graduate studies.

Program of Studies:

The two-year M.Sc. Research Program in Physics consists of lecture courses and a research project. The lecture courses (that are taught in English) greatly broaden the students' knowledge of physics and prepare them for a state-of-the-art experimental or theoretical research in one of the Institute's labs. The course program include required courses in advanced quantum mechanics and statistical physics as well as a number of elective courses to be selected from a list covering a wide range of topics including astrophysics, cosmology and relativity, high energy physics, non-linear physics, condensed matter physics, atomic physics and optics, nuclear physics and biophysics. The research project is concluded by the submission of a research thesis.

Academic head of the Program: Prof. Dror Orgad; Email: orgad@phys.huji.ac.il

Teaching/Research Faculty:

Prospective candidates are encouraged to visit the web page of the Racah Institute at http://www.phys.huji.ac.il/people_faculty and get acquainted with the research areas of the Institute and its faculty.

Required Application Documents:

1. Curriculum Vitae
2. Two letters of reference.
3. Official academic records.
4. Statement of purpose.
5. Students who did not complete their degree at an institution where the language of instruction is English must present English test results (TOEFL, IELTS, Common European Reference Levels, Amir/Amiram).

Scholarships: M.Sc. students are entitled to fellowships.

Application Procedure:

Online application via <http://www.info.huji.ac.il/overseas>

For further information:

Please contact: Prof. Dror Orgad: orgad@phys.huji.ac.il