

## **Applying to the physics MS program after having earned a Bachelor's degree:**

If your background is not physics, or your previous preparation is deemed insufficient, you will have to take an additional year of remedial classes covering the physics topics of the 3rd and 4th year physics curriculum. If you meet the English Proficiency requirements (see admissions link) and you are admitted to the program (see below), you can be waived out of the year of remedial classes, if you take and pass the remedial waiver exam. This exam is given usually given during the week of fall registration, in September or spring registration in February. You can obtain the dates of the registration weeks for each year, by consulting the academic calendar of our university (see link below).

- **BASIC MS ADMISSION EXAM:** Admission to the department requires successful passing the basic admission exam. This exam covers the 1st and 2nd year topics of the undergraduate physics undergraduate curriculum including some modern physics and advanced 1st year level of mechanics. Representative text books are indicated by their author's name:
  - Serway and Jewett (with modern Physics)
  - Halliday-Resnick (with modern Physics)
  - Kleppner and Kolenkow (for advanced freshmen mechanics)

You can pass out of this exam if you obtain a GRE physics subject score of 650 or higher.

- **REMEDIAL STATUS AND WAIVER:** Students being accepted to the MS program are admitted with the condition that you first take a set of remedial courses (2 semesters):
  - Phys 302 Classical Dynamics – (on the level of Hand and Finch, Marion)
  - Phys 401,402 Electromagnetic Theory – (on the level of Griffiths)
  - Phys 411, 412 Quantum Mechanics I,II – (on the level of Griffiths)
  - Phys 421 Statistical Mechanics – (on the level of Reif, Mandl)
  - Physics 326, Mathematical Methods in Physics – (on the level of Arfken)

[All physics courses of the catalogue can be found at [http://www.phys.boun.edu.tr/?page\\_id=28#511](http://www.phys.boun.edu.tr/?page_id=28#511). Check the Registrar Schedule <http://registration.boun.edu.tr/> (select general services on left panel, then choose Schedule in the menu that will appear).]

In order to continue to the regular MS program, you must have passed all the remedial courses and obtained a minimum GPA of 2.5. You can be waived out of the remedial exam, if you take the remedial waiver exam.

- **REMEDIAL WAIVER EXAM:** The following two exams serve as remedial waiver exams:
  - The **Basic PhD Admission** exam given twice a year as part of the PhD admissions. The academic calendar (see list of links below) has the dates for the registration periods.
  - The remedial exam given during the registration week for the fall semester (again see academic calendar link below for details).

The two exams have identical content and cover the advanced 3rd and 4th year physics topics of the remedial courses, listed above. In order to take the exam you must have met the English Proficiency Requirements.

- **ENGLISH PROFICIENCY:** The language of instruction at Bogazici University is English. You need to prove English proficiency, this can be done via TOEFL, certain other external exams, or the exam administered by the university's school of foreign languages (see their web site for details, as we usually do not handle these matters).
- **APPLICATION DEADLINE/DATES:** Admissions to the MS program are only taken for the Fall semester. The application for the Fall period is typically in April. You have to visit the website of the university for more details on the application process, particularly the academic calendar. This calendar also contains the time frame during which the basic scientific admissions exam is given. The particular date for the physics admissions exam is announced by the Institute of Science and Engineering. See links below.
- **FINANCIAL AID:** Be advised that there is virtually no financial aid available. Your chances of being funded by a research project while still taking classes (1 year remedial, 1 year PhD classes) are low, and you should be prepared to cover your own expenses for the first two years at least. There is a graduate dormitory and you might qualify for admissions to the dorm, which can substantially reduce living costs, since you do not have to pay rent. Please contact the university's office of international relations for matters concerning tuition fees, living costs etc., they might be able to provide you with some numbers. (link below)
- **WEB LINKS:**
  - This is the standard web site explaining the university wide admission and english requirements to the graduate programs.

[http://www.boun.edu.tr/en-US/Content/Prospective\\_Students/Graduate\\_Admissions.aspx](http://www.boun.edu.tr/en-US/Content/Prospective_Students/Graduate_Admissions.aspx)

- University academic calendar:

[http://www.boun.edu.tr/en-US/Content/Academic/Academic\\_Calendar](http://www.boun.edu.tr/en-US/Content/Academic/Academic_Calendar)

- Announcements for prospective students:

[http://www.boun.edu.tr/en-US/Content/Prospective\\_Students/Announcements\\_for\\_Prospective\\_Students.aspx](http://www.boun.edu.tr/en-US/Content/Prospective_Students/Announcements_for_Prospective_Students.aspx)

- All science graduate programs fall under the administration of the Institute of Graduate Studies in Science and Engineering . Check this web site for announcement, or contact the institute for questions on admission exam dates.

<http://www.fbe.boun.edu.tr/fbe/?q=en/mainpage>

- This is a sample web page for the Fall Semester of 2013-2014. The minimum requirement for the Physics Department are unlikely to change over the coming years.

[http://www.boun.edu.tr/Assets/Documents/News/Public/Duyurular/2013-2014\\_I\\_lustu/2013-2014\\_I\\_Institute\\_for\\_graduate\\_science\\_and\\_engineering.htm](http://www.boun.edu.tr/Assets/Documents/News/Public/Duyurular/2013-2014_I_lustu/2013-2014_I_Institute_for_graduate_science_and_engineering.htm)

- The University's Office of International Relations:

<http://www.intl.boun.edu.tr/>