

Bilkent University EEE Graduate Programs

Overview

September 28, 2016

About the EEE Graduate Programs

Number of graduates

15 PhD; 33 MS (2012-13)

6 PhD; 23 MS (2013-14)

10 PhD; 30 MS (2014-15)

Number of graduate students:

78 PhD; 89 MS; 3 MSTN (as of Sep 2013)

88 PhD; 94 MS; 2 MSTN (as of Sep 2014)

80 PhD; 113 MS; 3 MSTN (as of Sep 2015)

Number of foreign students: 22 (Sep 13), 28 (Sep 14), 36 (Sep 15)

Tuition waiver to most students, monthly scholarships to most full-time students

Subsidized on-campus housing, health and office/desk space to full-time students are provided

About the EEE Graduate Programs (cont'd)

Number of applicants:

51 (Spring 2013); 148 (Fall 2013);

58 (Spring 2014); 131 (Fall 2014);

55 (Spring 2015); 158 (Fall 2015);

For Fall 2014: Out of 33 applicants 9 PhD students, and out of 98 applicants 45 MS students have been accepted)

For Fall 2015: Out of 31 applicants 9 PhD students, and out of 127 applicants 55 MS students have been accepted)

New enrollments (excludes Bilkent MS graduates continuing to PhD)

Spring 2013: 9 (1 PhD, 8 MS)

Fall 2013: 42 (9 PhD, 31 MS, 2 MSTN)

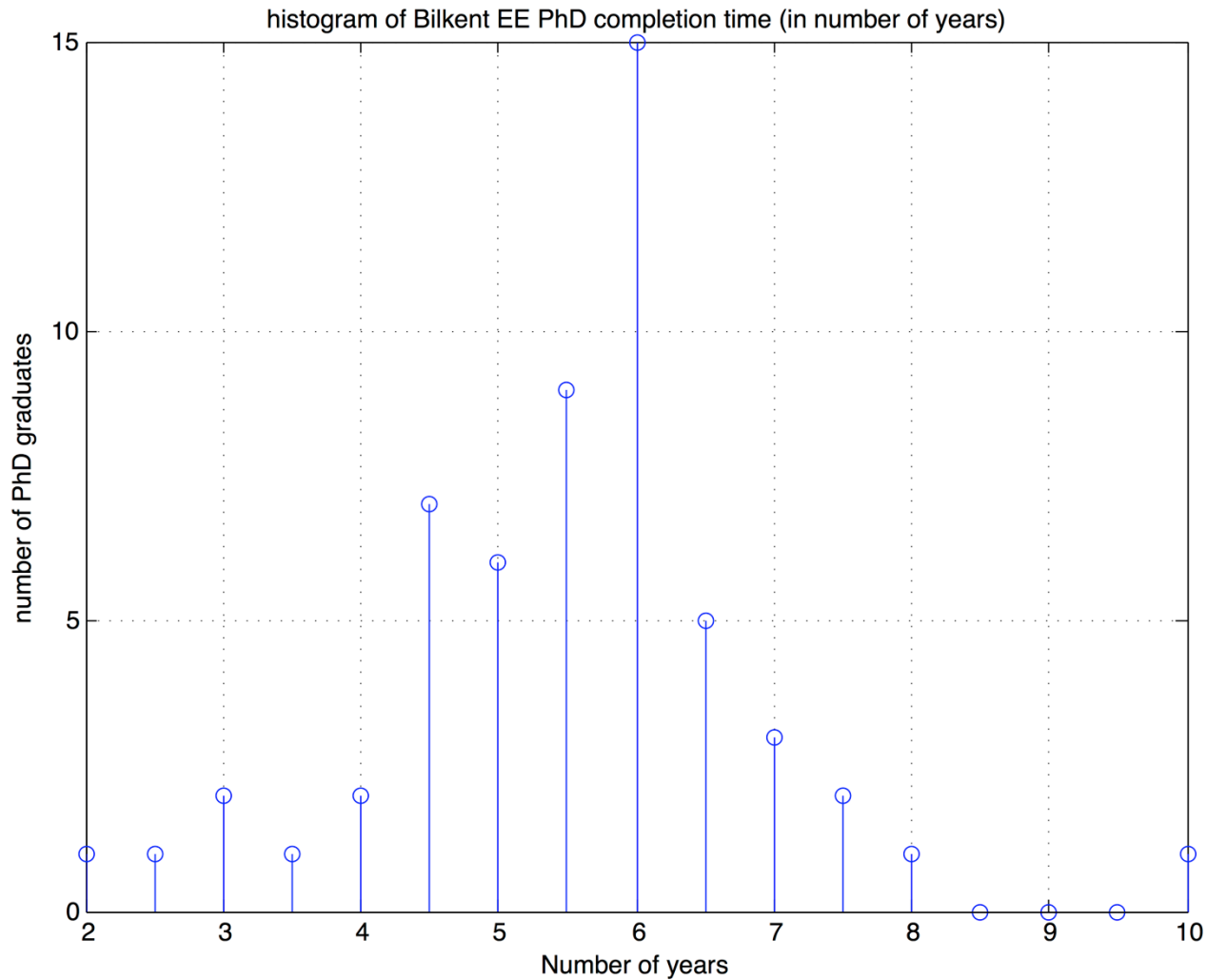
Spring 2014: 8 (3 PhD, 5 MS)

Fall 2014: 36 (4 PhD; 32 MS)

Spring 2015: 14 (1 PhD, 13 MS)

Fall 2015: 51 (7 PhD; 44 MS)

PhD Graduation Statistics



Students who graduated during 2009-2015 (56 students in total)

MS Graduation Statistics

Total of 149 MS graduates since 2010 (until 2015 summer)

Total time taken until graduation:

- 1.5 years – 3 students
- 2 years – 60 students
- 2.5 years – 18 students
- 3 years – 61 students
- 3.5 years – 5 students
- 4 years – 2 students

New Students: Welcome

- You all have an account in the .ee.bilkent.edu.tr domain; from now on we will contact you through this e-mail address.
Please see Muruvet Hanım or Gorkem Hanım in the department office to get your passwords.

Graduate Programs

- MSTN (MS in telecom and networks: non-thesis)
- MS
- MS to PhD
- BS to PhD direct

Graduate School Web Site:

<http://mfbe.bilkent.edu.tr>

Follow the links for the

- Graduate School Regulations (in Turkish)
(NEW)
- Info in English is also available (under preparation)

Course Definitions

- Core Courses
 - EEE 501, EEE 525, EEE 533, EEE 560, EEE 603
- Restricted Graduate Electives

All 5xx/6xx courses that are listed as allowable courses in EEE, CS, IE, ME, Phys, Math and MSN551 see the list in STARS
- Graduate Electives
 - All 5xx/6xx courses offered in the Graduate School of Engineering and Science (letter graded and at least 3 credits) see the full list in STARS

Course Requirements

MS: 1 core course / 5 restricted electives / 1 unrestricted electives
and EEE591, GE 500

BS→PhD: 1 core course / 8 restricted electives / 5 unrestricted electives and EEE591, EEE592, GE 500, GE 690

MS→PhD: 3 restricted electives / 4 unrestricted electives
and EEE592, GE 500, GE 690

➤ **Approvals** by the advisor, department chair, and grad school.

➤ A graduate course taken from another university may count as one of the electives (restricted or unrestricted). **Subject to approvals and forms....**

Graduation Rules Regarding Course Requirements

Complete the course requirements as follows:

Basic courses

Restricted Electives

Graduate Electives

Seminar Courses

Additional Courses

Minimum number or required courses in the curriculum with GPA ≥ 3.0 (Curriculum GPA)

Grades from these courses do not impact graduation; but they appear in the transcript and count towards your CGPA. So, it is possible to graduate with a CGPA < 3.0 as long as CurGPA is ≥ 3.0

Additionally,
you **must register** for the following courses **regularly**

EEE 599 every semester starting with the 3rd semester in your MS studies.

EEE 699 every semester, starting with the first semester after passing the Qual Exam in PhD studies.

GE 590 (for MS students) every semester

GE 690 (for PhD students) every semester

GE 500 (for MS and PhD students), once

PhD Qualifying Exam (major change 2014, some additional changes in 2016)

- Written and Oral Exams are separate.
- Written exam: Consists of two separate exams (of equal weights).
 - The first one on undergraduate material (pick 5 out of 7 questions from different courses), the second one is on graduate courses: choose 4 basic and 3 other EEE graduate courses, answer 5 of them in the exam.
- List of UG courses: MATH 241, MATH 255, EEE 202, EEE 313, EEE 321, EEE 342, EEE 351.
- List of basic courses for the QE: EEE 511, EEE 525, EEE 603, EEE 528, EEE 501, EEE 530, EEE 533, EEE 538, EEE 581, EEE 560, EEE 547

PhD Qualifying Exam (continued)

- Only those who pass the written exam are admitted to the oral exam. All students are invited to the oral exam. The oral exam committee makes the final decision.
- PhD thesis advisor participates in the exam (as a non-voting member).
- Only the students who completed the course requirements can take the PhD qual exam
- You must pass the Qual in two attempts.
- Jury decides if the student needs to take only the written or oral or both exams.

From the Graduate School Regulations:

EYK, yeterlik jürisinin önerisi üzerine, adayın alması gereken bir ya da birkaç ders belirleyebilir; aday derslerini tamamlamıssa bile, fazladan dersler almasını isteyebilir.

Tez İzleme Komitesi (TiK)

PhD thesis proposal must be prepared and defend in front of TiK within 6 months of passing the qual exam.

TiK meets twice a year (once in January to June and once in July to December); student submits a progress report one month in advance before each meeting.

More on this at the Grad School web site – follow the link for regulations

Time Limits

- MS: Must complete course requirements within 4 semesters. Complete the program in 6 semesters (including leave of absences).
- BS to PhD: Must complete course requirements within 6 semesters and complete the program in 14 semesters (including leave of absences) . Must take the PhD qual exam within 6 semesters.
- MS to PhD: Must complete course requirements within 4 semesters and complete the program in 12 semesters (including leave of absences). Must take the PhD qual exam within 4 semesters.

Course Selection

- You must try to get at least B in all the courses you have taken.
- Recall the time limits for completing course requirements; at the end of that time your Curriculum GPA must be at least 3.00.
- If you fail a course, you may repeat it at the next offering. But there are several courses which may not be offered in the following semester. Especially when you are near the completion of the time limit, a low grade in one course may bring your Curriculum GPA below 3.0, so you may have to take extra courses.
- If you have taken a graduate course in an earlier program (BS or MS) at Bilkent University, you cannot re-take it in the current program. This is true for double coded 4xx/5xx courses as well.

You should get the approval of your advisor for all the courses you take (in our graduate programs all our courses are electives – at least from a list). An e-mail confirmation from the advisor would be sufficient.

GE 590/690 Academic Practices

Practice some basic tasks in academic life: teaching, research and service.

Teaching Practices: TA duties work closely with an instructor (6-12 hours per week).

Research Practices: work closely with your thesis supervisor to learn different stages of academic research (formulating a problem, literature review, writing a project proposal, performing experiments/simulations/theoretical analysis and design, writing papers and reports, etc.).

Service includes proctoring exams, serving in different committees and evaluation panels, reviewing proposals/papers, giving talks in public meetings/panels, etc., etc. From time to time we will contact you to assign such tasks (of course these will be limited in scope so that you are not overburdened).

Be a good citizen!

This course must be taken every semester. Only those who are away from the school (exchange, on leave with permission etc.) will be exempt, subject to Graduate School approval.

Teaching Assistant Duties

<http://www.ee.bilkent.edu.tr/grad/ta.php>

Expectations from TAs

- **Helping the course instructor**
Grading homework, quiz, lab report etc., instruction in the lab, holding problem solving sessions, support in the course organization
- **Helping the students**
during office hours, in labs, maintaining web/moodle page for the course
- **Serving as a "role-model"** to undergraduate students.
- **Further educating themselves** for an academic career.
- **Contributing to the University** in general, proctoring exams, performing various service activities.

TÜBİTAK Scholarship Programs

- Yüksek lisans ve doktora eğitim bursları lisansüstü burs programı adı altında birleştirildi.

BAŞVURU DÖNEMLERİ

Lisansüstü Bursu ve Sosyal ve Beşeri Bilimlere Geçiş Teşvik Bursu için:

- Bahar dönemi: 18-29 Mart 2013
- Güz dönemi: 21-31 Ekim 2013

Doğrudan Bursiyerlik için:

- Bahar yarıyılında lisansüstü öğrenimine başlayanlar için: 1-15 Mart 2013
- Güz yarıyılında lisansüstü öğrenimine başlayanlar için: 30 Eylül-11 Ekim 2013

Öncelikli Alanlara ve Sanayiye Yönelik Teşvik Bursları İçin:

- Bahar dönemi: 1 Nisan-26 Nisan 2013
- Güz Dönemi: 1 Kasım-29 Kasım 2013

BURS MİKTARLARI TABLOSU

Burs Türü	Yüksek Lisans		Doktora
	YL Burs Miktarı Tam/Kısmi (TL/Ay)	Doktora Teşvik Bursu Tam/Kısmi (TL/Ay)	Doktora Burs miktarı* (TL/Ay)
Temel Burs	1.000 / 400	1.500 / 400	1.800 / 500
Öncelikli Alanlarda	1.000 / 400	1.650 / 450	2.000 / 600
Sanayiye yönelik	1.000 / 400	1.650 / 450	2.000 / 600

- Öncelikli alanlar listesine TÜBİTAK 2211 sayfasından ulaşılabilir.
- Öncelikli alanlar ve sanayiye yönelik teşvik bursları için tez önerisinin kabul edilmiş olması gerekir.