**2013-2014 Fall Term Applications to Eng.&Natural Sciences Grad. Programs**

Graduate students will be accepted for the 2013-2014 Fall Semester leading to the M.Sc. and Ph.D. degrees in the following programs.   
Detailed information on research areas including basic sciences can be obtained at <http://fens.sabanciuniv.edu>.  
  
Academic inquiries should only be posted to contact names for each program given below;  for administrative or procedure related questions please contact to Student Resources Office.  
Phone: (0216) 483 9093, E-mail: [studentinfo@sabanciuniv.edu](mailto:studentinfo@sabanciuniv.edu)   
  
[**Biological Sciences and Bioengineering**](http://fens.sabanciuniv.edu/bio/eng/?Egitim/SunulanDerslerLisansustu.php)   
The program emphasizes the latest developments and technological innovations in this globally emerging field. Areas of specialization include molecular and cellular biology, bioinformatics, and plant biotechnology.  
  
Academic Contact: Batu Erman,   
Phone: (0216) 483 9530,    
E-mail: [batu@sabanciuniv.edu](mailto:batu@sabanciuniv.edu)    
  
[**Computer Science and Engineering**](http://fens.sabanciuniv.edu/cs/eng/?Egitim/SunulanDerslerLisansustu.php)   
Research areas; natural language processing, pattern recognition, formal methods, software engineering, cryptography and information security, network security, computer architectures, distributed systems, database systems, data mining, computer graphics and virtual reality, embedded systems, knowledge representation and reasoning.  
  
Academic Contact: Cemal Yılmaz,   
Phone: (216) 483 9532,   
E-mail: [cyilmaz@sabanciuniv.edu](mailto:cyilmaz@sabanciuniv.edu)  
  
[**Electronics Engineering**](http://fens.sabanciuniv.edu/ee/eng/?Egitim/SunulanDerslerLisansustu.php)   
Research areas; wireless communication, wireless networks, sensor networks, signal, speech and image processing, computer vision, pattern recognition, data networks, RF, microwaves, antennas and propagation, RF MEMS and RF Circuit design, photonics and fiber optic telecommunication, high-speed electronic devices, microsensors and microelectromechanical systems, medical and industrial ultrasonic imaging, medical instrumentation, analog and digital VLSI design, ASIC and FPGA design, computer-aided design and testing.  
  
Academic Contact: Ayhan Bozkurt,   
Phone: (216) 483 9537,  
E-mail: [abozkurt@sabanciuniv.edu](mailto:abozkurt@sabanciuniv.edu)   
  
[**Industrial Engineering**](http://fens.sabanciuniv.edu/msie/eng/?Egitim/SunulanDerslerLisansustu.php)  
The program focuses on production and service systems, integrated manufacturing, supply chain management, logistics, joint inventory-pricing decisions, product development process, modeling and analysis of manufacturing processes and equipment, manufacturing and technology strategies, fuzzy systems, combinatorial optimization and operations research approaches to telecommunication and energy systems. Emphasis is given to close collaboration with the industry.  
  
Academic Contact: Güvenç Şahin,   
Phone: (216) 483 9619,   
E-mail:  [guvencs@sabanciuniv.edu](mailto:guvencs@sabanciuniv.edu)   
  
[**Materials Science and Engineering**](http://fens.sabanciuniv.edu/mat/eng/?Egitim/SunulanDerslerLisansustu.php)     
The program focuses on the interrelationships between structure, properties, and processing of materials for advanced technological applications.  Areas of ongoing research include semiconductors, synthetic and biological polymers, ceramics and composites at the nanometer scale, with particular emphasis on applications in nano-technology.

Academic Contact: Özge Akbulut,   
Phone: (216) 483 9968 ,   
E-mail: [ozgeakbulut@sabanciuniv.edu](mailto:ozgeakbulut@sabanciuniv.edu)  
  
[**Mechatronics**](http://fens.sabanciuniv.edu/mechatronics/eng/?Egitim/SunulanDerslerLisansustu.php)   
Research areas;  smart product design, multi-disciplinary design optimization, topology design optimization, metamaterials, microsystems, intelligent control systems, robotics, machine vision, haptics, computer aided engineering, renewable energy systems, embedded systems, process control, hydro-turbines, advanced seals, turbine blade reverse engineering. Two-phase flow, Boiling heat transfer, MEMS, Boiling instabilities in microsystems, Convective heat transfer, Critical Heat Flux, Microchannels, Cavitation, Micro- and Nanofluidics, Micro pin-fins, Cross flow, Electronics cooling, Miniaturization of heat sinks  
  
Academic Contact: Serhat Yeşilyurt,   
Telefon: (216) 483 9579,   
E-posta: [syesilyurt@sabanciuniv.edu](mailto:syesilyurt@sabanciuniv.edu)   
  
[**Mathematics**](http://fens.sabanciuniv.edu/math/eng/?Egitim/SunulanDerslerLisansustu.php)    
The program emphasizes the interaction between pure mathematics and its applications, including those leading to interdisciplinary work. The main areas of concentration are number theory and algebra with applications in coding theory and cryptography, analysis and applications.  
  
Academic Contact: Alp Bassa,   
Phone: (216) 483 9595,   
E-mail: [bassa@sabanciuniv.edu](mailto:bassa@sabanciuniv.edu)   
  
  
[Physics](http://fens.sabanciuniv.edu/physics/eng/?Egitim/SunulanDerslerLisansustu.php)   
In condensed matter physics the main research areas are experimental and theoretical semiconductor physics, mesoscopic and nanoscopic physics, and superconductivity. In high energy astrophysics, X-, gamma ray and optical obervations of compact objects (neutron stars and black holes) and their environments are the main areas of interest. Other research fields are quantum information and high energy physics.  
  
Academic Contact: Mehmet Zafer Gedik,   
Phone: (216) 483 9610,   
E-mail: [gedik@sabanciuniv.edu](mailto:gedik@sabanciuniv.edu)   
  
  
**For Admisson :**   
[Admission Requirements and the Necessary Documents for Graduate School of Engineering and Natural Sciences](http://www.sabanciuniv.edu/en/admission-requirements-for-graduate-school-of-engineering-and-natural-sciences)  
  
Applicants must have completed their previous degree programs by  **September 03, 2013**     
  
**Financial Support:**   
Financial support is available in the form of a monthly stipend and/or tuition waiver. Decisions on scholarship will be made by the Admissions Committee .  
  
**Deadline:**   
Applications must be submitted by **May 31st, 2013**. After initial screening, interviews will be scheduled for potential candidates during June, **06th –  19th, 2013**. Applicants will be informed by e-mail. It is highly recommended to check e-mails for candidates.  
  
For Online Application: <https://admission.sabanciuniv.edu>

**The Graduate Admissions Calendar**  
  
Biological Sciences and Bioengineering (MA/PhD)  
Interview\*\*: To be Announced  
  
Computer Science and Engineering (MA/PhD)  
Interview\*\*: June, 13-14 2013  
**GRE Subject Test:**   
Starting from 2013-2014 Spring applications, the CS program will request a GRE Subject test score from all international applicants. For 2013-2014 Fall semester applicants, please be aware that a GRE Subject Test score would strengthen your application; so submit your score document, if you have already taken the test.

Electronics Engineering  (MA/PhD)  
Interview\*\*: To be Announced  
  
Industrial Engineering  (MA/PhD)  
Interview\*\*: June, 10th, 2013  
  
Materials Science and Engineering  (MA/PhD)  
Interview\*\*: June, 11th, 2013  
  
Mechatronics (MA/PhD)  
Interview\*\*: June, 10th, 2013  
  
Mathematics (MA/PhD)  
Written Exam\*: June, 17th- 18th, 2013 – 09:00-12:00  
Interview\*\*     : June, 17th- 18th, 2013 – 13:00-17:00  
  
Physics (PhD)  
Written Exam\*: June, 07th,  2013 – 09:00-11:00  
 Interview\*\*     : June, 07th,  2013 – 13:00-17:00  
  
( The written exam covers the topics of the first & second year introductory physics, the third & fourth year classical mechanics, electromagnetic theory, statistical mechanics, and quantum mechanics. Applicants who provide GRE Physics subject test scores may be exempt from the written exam.)  
  
  
\*All candidates are required to attend the admission exam at the given date.  
  
\*\*Eligible candidates are going to be invited via e-mail for the interview.  
   
  
**Applications:**  
  
Online applications are accepted via <http://admission.sabanciuniv.edu/> . Application documents (official exam results, transcript, etc..) should be uploaded on the online system and application packages be submitted either in person or post by mail to the address below. Please note that print-out of the completed application form should also be added to the application package. The packages sent via mail must arrive at the department by the application deadline. Applications sent via e-mail are not accepted.  
  
Warning! All the application documents become property of Sabancı University. It is suggested to keep the original reports of TOEFL, GRE and ALES scores, and apply with the copies of those test scores. But please note that the originals must be produced at the time of registration to Sabancı University.