# INDUSTRIAL ENGINEERING **GRADUATE SCHOOL OF ENGINEERING AND NATURAL SCIENCES GRADUATE PROGRAMS**



# **ABOUT THE PROGRAM**

Industrial Engineering is a diverse discipline concerned with the planning, design, implementation, improvement, and management of complex production systems of people, materials, and equipment for all kinds of manufacturing and service operations as well as the integration of computers, information, and technology to operate and control these complex systems. The graduate curriculum in Industrial Engineering is designed to provide the students with computing, quantitative, analytical and applications skills and to prepare them as entrepreneurs, problem solvers, effective decisionmakers, and change agents in a competitive business environment or as prospective scientists in the academics. The program focuses on production and service systems, integrated manufacturing, supply chain management, product development process, modeling and analysis of manufacturing processes and equipment, operations research approaches to telecommunication and energy systems. Students are encouraged to interact with other disciplines to improve their communication skills and to be able to function in complex scientific and technical environments throughout their careers. Emphasis is given to close collaboration with the industry. Prospective students are expected to have a solid foundation in mathematics, and natural and engineering sciences.

### **Research Areas**

- Innovation and Manufacturing Strategies
- Manufacturing Processes and Equipment
- **Optimization and Decision** Theory
- **Production and Logistics** Systems Planning in Supply Chains

## **Faculty Members**

- Ali Rana Atılgan
- Bahattin Koç
- Barış Balcıoğlu
- **Burak Kocuk**
- **Bülent Çatay**
- Duygu Taş Küten
- Erhan Budak
- Esra Koca

**GINEERING AND** 

- Ezgi Karabulut Türkseven
- Gizem Özbaygın
- Hans Frenk
- Kemal Kılıç
- L.Taner Tunç
- Murat Kaya
- Semih Onur Sezer
- Sinan Yıldırım
- Tonguç Ünlüyurt





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### **Benefits Provided for Graduate Students**

- Full Tuition Waiver
- Monthly Stipend
- Housing/Transportation Support
- Private Health Insurance
- Conference Travel Funding
- Financial Incentives for Project and Research

#### **Application Requirements**

- Official Transcript
- Statement of Purpose
- Two Letters of Recommendation
- ALES or GRE Scores
- English Proficiency Exam
  (TOEFL (IBT) or YDS/e-YDS Scores)

#### **Online Application**

admission.sabanciuniv.edu

### Contacts

Graduate Area Advisor

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## For more information

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