

# MANUFACTURING ENGINEERING

## GRADUATE SCHOOL OF ENGINEERING AND NATURAL SCIENCES

### GRADUATE PROGRAMS



#### ABOUT THE PROGRAM

The Manufacturing Engineering Program deals with integrated science and technologies to develop and improve innovative products and manufacturing processes. This interdisciplinary program integrates fundamental science and knowledge from Mechanical, Industrial, Production, and Materials Engineering to research, design and develop manufacturing systems, processes, machines, tools, and equipment. The Manufacturing Engineering program focuses on advanced manufacturing technologies. The research areas include manufacturing processes and equipment, computer-aided design and manufacturing, integrated manufacturing systems, additive manufacturing (3D printing), biomanufacturing, nano-micro manufacturing, composite and polymer manufacturing, and manufacturing and technology strategies with special emphasis on industrial applications.



#### Research Areas

- Additive Manufacturing, 3D Printing
- Advanced Composite Materials
- Biomanufacturing/3D Bioprinting
- CAD/CAM Integration
- Computational Methods
- Machining and Machine Tools
- Manufacturing Applications
- Robotics and Machine Vision
- Unconventional Manufacturing

#### Faculty Members

- Adnan Kefal
- Bahattin Koç
- Bekir Dızman
- Burcu Saner Okan
- Erhan Budak
- Hatice Sinem Şaş Çaycı
- Lütü Taner Tunç
- Mehmet Yıldız
- Mustafa Ünel
- Serkan Ünal
- Yusuf Menceloğlu



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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](http://admission.sabanciuniv.edu)

#### Contacts

Graduate Area Advisor

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#### For more information

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