YAŞAR UNIVERSITY
GRADUATE SCHOOL

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INTRODUCTORY BOOKLET

ELECTRICAL AND ELECTRONICS ENGINEERING PROGRAMS

PhD in Electrical and Electronics Engineering (English)
MSc in Electrical and Electronics Engineering (Thesis/English)
MSc in Electrical and Electronics Engineering (Non-thesis/English)

THE FIELDS YOU CAN SPECIALIZE IN ELECTRICAL AND ELECTRONICS ENGINEERING

Adaptive Systems
Analog Communication
Antenna Engineering
Artificial Intelligence Applications
Artificial Neural Networks
Automotive Applications
Bioengineering and Applications
Biomedical Instrumentation
Biomedical Signal and Image Processing
Chaos and Fractals
Digital Communication Systems
Digital Image Processing for Industrial Applications
Digital Video Systems
Economic Operation of Power Systems
Electrical Aspects of Wind Energy Conversion Systems
Electromagnetic Wave Propagation
Electronic Instrumentation
Embedded Systems and Advanced Consumer Electronics
Energy Management in Industry
Generalized Electrical Machine Theory
High Voltage Measurement Techniques
Information Theory
Integrated Sensors and Sensor Systems
Linear System Theory
Microcontroller Architecture and Applications
Microprocessors and Applications
Microwave Engineering
Model Predictive Control
Modern Power System Operation and Control Techniques
Nano Devices and Nanomaterials

THE FIELDS YOU CAN SPECIALIZE IN ELECTRICAL AND ELECTRONICS ENGINEERING

Nonlinear Systems
Numerical Methods for Electromagnetics
Optimal Control
Power Electronics in Renewable Energy Systems
Power Flow Analysis
Power Quality
Power System Planning
Power System Protection
Power System Real-Time Monitoring and Control
Power System Stability and Dynamics
Principles Of Modern Optical Systems
Quantum Computation and Information
Radar Systems
Rf And Microwave Electronics
Robotics
Robust Control
Scada Systems
Sensor Networking Architectures
Signal Analysis and Processing
Smart Grids
Solid State Dc Drives
Static Power Conversion
Statistical Signal Processing
Telecommunication Networks
Time-Frequency Signal Processing Methods
Transform Methods
Vlsi Design

APPLICATION REQUIREMENTS

	PhD in Electrical and Electronics Engineering (English)	MSc in Electrical and Electronics Engineering (Thesis/English)	MSc in Electrical and Electronics Engineering (Non-Thesis/English)
GPA	Bachelor: Min. 3.00/4.00 or Master's: Min. 3.30/4.00	Bachelor: Min. 2.30/4.00	-
Foreign Language	YDS: Min. 75 or its equivalent defined by ÖSYM	YU-FLAT Exam: Min. 65 or YDS: Min. 65 orits equivalent defined by ÖSYM	
ALES/GRE/GMAT Score/Type	ALES: Min. 70 Quantitative; GRE: Min. 153 or GMAT: Min. 500	ALES: Min 60 Quantitative; GRE: Min. 151, GMAT: Min. 465	-
Programs Accepted	To be a graduate of Electrical and Electronics Engineering MSc program or a similar program (e.g. Electrical, Electronics, Electronics and Communications, Communications and Control), Biomedical, Bioengineering, Mechatronics, Computer, Software, Energy, Mechanical Engineering and other engineering programs and Physics, Chemistry, Biology, Biochemistry, Molecular Biology, Genetic, Statistics, Mathematics, Computer Sciences or similar MSc degree programs (thesis)	To be a graduate of bachelor's degree in Electrical and Electronics Engineering or a similar program (e.g. Electrical, Electronics, Electronics and Communications, Communications and Control), Biomedical, Bioengineering, Mechatronics, Computer, Software, Energy, Mechanical Engineering and other engineering programs and Physics, Chemistry, Biology, Biochemistry, Molecular Biology, Genetic, Statistics, Mathematics, Computer Sciences or similar bachelor's degree programs	

EVALUATION CRITERIA

	Interview	Written Exam	Portfolio	ALES	Bachelor GPA	Master's GPA
PhD in Electrical and Electronics Engineering (English)	%20	-	-	%50	%15	%15
MSc in Electrical and Electronics Engineering (Thesis/English)	%20	-	-	%50	%30	-
MSc in Electrical and Electronics Engineering (Non-Thesis/English)	%30	-	-	-	%70	-

SCHOLARSHIP REQUIREMENTS

	%100 Scholarship (The average of the evaluation criteria must meet the condition of **at least 80 points** out of 100.)		
PhD in Electrical and Electronics Engineering (English)	**Bachelor GPA:** Min. 3.00/4.00 or **Master's GPA:** Min. 3.50/4.00	**Foreign Language:** YDS: Min. 75 or its equivalent defined by ÖSYM	**ALES:** Min 75 Quantitative, GRE: Min. 155, GMAT: Min. 540

	%100 Scholarship (The average of the evaluation criteria must meet the condition of **at least 75 points** out of 100.)	%50 Scholarship (The average of the evaluation criteria must meet the condition of **at least 70 points** out of 100.)	%25 Scholarship (The average of the evaluation criteria must meet the condition of **at least 65 points** out of 100.)
MSc in Electrical and Electronics Engineering (Thesis/English)	**Bachelor GPA:** Min. 2.80/4.00 **Foreign Language:** YÜ-FLAT Exam: Min. 70 or YDS: Min. 70 or its equivalent defined by ÖSYM **ALES:** Min. 70 Quantitative, GRE: Min. 153, GMAT: Min. 500	**Bachelor GPA:** Min. 2.65/4.00 **Foreign Language:** YÜ-FLAT Exam: Min. 70 or YDS: Min. 70 or its equivalent defined by ÖSYM **ALES:** Min. 65 Quantitative, GRE: Min. 152, GMAT: Min. 485	**Bachelor GPA:** Min. 2.50/4.00 **Foreign Language:** YÜ-FLAT Exam: Min. 70 or YDS: Min. 70 or its equivalent defined by ÖSYM **ALES:** Min. 65 Quantitative, GRE: Min. 152, GMAT: Min. 485

	%25 Scholarship
MSc in Electrical and Electronics Engineering (Non-Thesis/English)	The scores obtained in line with the evaluation criteria are ranked and scholarship evaluations are made within the quota.

Yaşar University (YU) School of Foreign Languages FLAT Exam:
- Candidates who have achieved the required score for foreign language education and training from Yaşar University (YU) School of Foreign Languages or other Higher Education Institutions English Preparatory Class Exemption Exam, are exempt from English exam provided that they apply a master's program within -3- years following their graduation

In the master's degree program applications, for candidates who take the Yaşar University (YU) School of Foreign Languages FLAT Exam, the result will be valid for 3 years.

ACADEMIC STAFF

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Assist.Prof. (PhD)
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Assist.Prof. (PhD)
Hacer Öztura

Assist.Prof. (PhD)
Özhan Ünverdi

	PhD	THESIS	NON-THESIS
%100	6	3	-
%50	-	2	-
%25	-	3	14

Scholarships

https://lee.yasar.edu.tr/en/protocols/

Protocols

eeephd.yasar.edu.tr

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