

## Graduate School of Natural & Applied Sciences

Language Taught	Faculty	Department	Subject	Level	ECTS	Semester: 1(Fall), 2(Spring)
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Energy Distrubition Systems	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Energy Transmission Systems Analyses Methods	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Vector Control of Induction Motors	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Modern Control Engineering	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Linear Systems Theory	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Power Systems Dynamics	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Analyses of Distrubition Systems	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Direct Torgue Control of Induction Motors	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Microwave Network Analyses	3rd cycle	8	1

English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Power Quality	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Nonlinear Systems Theory	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Detection and Estimation Theory	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Nonlinear Circuits and Systems	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Applied Electromagnetic Theory	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Observes in Control of Induction Motors	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Electrical and Electronics Engineering	Power Line Communication Systems	3rd cycle	8	2

English	Graduate School of Natural & Applied Sciences	Civil Engineering	Geotechnical Design by Means of In-situ Tests	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Numerical Hydraulics	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Advanced Pavement Technology	2nd cycle	8	1

English	Graduate School of Natural & Applied Sciences	Civil Engineering	Viscoelasticity	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Laboratory Experiments in Concrete Technology	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Experimental Soil Mechanics	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Advanced Hydraulics	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Operations Research in Transportation	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Bituminous Materials	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Concrete in Corrosive Environments	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Geotechnical Design by means of In-situ Tests	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Numerical Hydraulics	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Advanced Pavement Technology	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Viscoelasticity	3rd cycle	8	1

English	Graduate School of Natural & Applied Sciences	Civil Engineering	Laboratory Experiments in Concrete Technology	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Experimental Soil Mechanics	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Advanced Hydraulics	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Operations Research in Transportation	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Bituminous Materials	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Civil Engineering	Concrete in Corrosive Environments	3rd cycle	8	2

English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Heat Conduction	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Finite Elements in Solid Mechanics	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Hydrogen and Fuel Cell Systems I	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Numerical Methods in Fluid Dynamics and Heat Transfer	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Advanced Vehicle Dynamics	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Hydrogen and Fuel Cell Systems II	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Energy Methods in Mechanics	2nd cycle	8	2

English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Advanced Engineering Mathematics	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Exergetic Analysis and Design I	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Fuel Cells and Power Generation	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Flow Induced Vibrations	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Theory of Elastic Stability	3rd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Fuel Cells Principles and Practices	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Exergetic Analysis and Design II	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Design and Analysis Experimental System in Flow Phenomena	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Mechanical Engineering	Convective Heat Transfer	3rd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Food Engineering	Advanced Food Analysis Techniques	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Food Engineering	Unit Operations in Food Industry	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Food Engineering	Advanced Heat Processing in Food	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Food Engineering	Food Contaminants	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Food Engineering	Lactic Acid Bacteria in Food Industry	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Food Engineering	Natural Food Antioxidants	2nd cycle	8	2

English	Graduate School of Natural & Applied Sciences	Food Engineering	Food Drying Techniques	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Food Engineering	Food Carbohydrates	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Cattle Breeding	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Dairy Cattle Nutrition	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Principles of Poultry Science	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Advanced Reproduction Technologies	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Poultry Nutrition and Product Quality	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Pollinator Insects and Using at Vegetable Production	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Feed Analysis Techniques	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Animal Production and Technologies	Antinutritional Substances in Feed	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Ecology in Plant Production	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Biocontrol	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Detection Methods of Plant Pathogens	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Stress Physiology in Plants	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Plant Biotechnology Applications	2nd cycle	8	2

English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Plant Tissues Cultures	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Bioactive Molecules	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Plant Production and Technologies	Pesticide Applications and Environmental Impacts	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Biotechnology	Aphid Ecology	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Biotechnology	Insect Ecology and Behaviour	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Biotechnology	Molecular Entomology	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Biotechnology	Insect Conservation Biology	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Biotechnology	Molecular Ecology Applications	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Biotechnology	Medical Entomology	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Chemistry	Modern Analysis Techniques	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Chemistry	Computer Applications in Chemistry	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Chemistry	Polymer Chemistry-I	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Chemistry	Principles of Inorganic Chemistry I	2nd cycle	8	1
English	Graduate School of Natural & Applied Sciences	Chemistry	Industrial Materials Analysis Methods	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Chemistry	Polymer Chemistry-II	2nd cycle	8	2
English	Graduate School of Natural & Applied Sciences	Chemistry	Named Organic Reactions	2nd cycle	8	2

English	Graduate School of Natural & Applied Sciences	Chemistry	Surfactants in Analytical Chemistry	2nd cycle	8	2
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