

Courses in foreign languages at the University of Rijeka / Faculty of Engineering (2019/2020)

	LEVEL OF STUDY	SEMESTER	COURSE TITLE	ECTS	LANGUAGE 1	LANGUAGE 2
Faculty of Engineering	U ME	IV	Production Technologies	5	English	
	U ME	VI	Automation	4	English	
	U ME	VI	Introduction into Finite Element Method	4	English	
	U NA	IV	Basics of Ship Production	5	English	
	U NA	IV	Ship Hull Forms	6	English	
	U NA	V	Seaworthiness and Stability of the Ship	7	English	
	U NA	VI	Marine Hydrodynamics I	8	English	
	U NA	VI	Environment Protection	4	English	
	U NA	VI	Basic Ship Dynamics	4	English	
	U NA ME EE	VI	Introduction to Guidance and Control of Marine Vehicle	4	English	
	U EE	II	Materials Technology	5	English	
	U EE	V	Power Electronics	6	English	
	G ME	I	Engineering Visualization	4	English	
	G ME	I	Mechanical Design of Machine Components	5	English	
	G ME	I	Vibrations	4	English	
	G ME	I	Marine Electrical Engineering	4	English	
	G ME	II	Machining Processes	5	English	
	G ME	II	Power Transmissions	5	English	
	G ME	II	Numerical Modelling in Thermodynamics	5	English	
	G ME	II	Energy and Process Devices	5	English	
	G ME	II	Flexible and Intelligent Systems	5	English	
	G ME	III	Advanced Manufacturing Processes	5	English	
	G ME	III	Industrial Robotics	5	English	
	G ME	III	Modelling of Hydraulics and Pneumatics Systems	5	English	
	G ME	III	Precision Engineering and Microsystems Technologies	6	English	Italian
	G ME	II	Thermomechanics	5	English	
	G ME	IV	Micro- and Nanoelectromechanical Systems	5	English	Italian
	G ME	IV	Laboratory Exercises B	5	English	Italian
	G ME	IV	Application of Artificial Intelligence	5	English	
	G ME	IV	Ship Propulsion Devices	5	English	
	G ME	IV	Numerical Methods in Design	5	English	
	G ME	IV	CNC/NC Machine Tools	5	English	
	G NA	I	Methodology of Ship Production	5	English	
	G NA	I	Marine Hydrodynamics II	6	English	
	G NA	I	Ship Strength	5	English	
	G NA	I	Technological Process of Shipbuilding	6	English	
	G NA	II	Ship Structural Analysis	5	English	
	G NA	III	Shipyards Design	5	English	
	G NA	III	Ship Stability in Exploitation	5	English	
	G NA	III	Seakeeping	5	English	
G NA ME	II	Offshore Structures and Vehicles	5	English		
G NA ME	III	Offshore Operations	5	English		
G EE	I	Driving and Operating Engines	6	English		
G EE	II	Analog Signal Processing	5	English		
G EE	II	Automated Instrumentation	5	English		
G EE	III	Optoelectronics	4	English	Italian	
G EE	III	Mechatronic Systems	5	English		
G CS	II, IV	Software Defined Radio	6	English		
G CS	I, III	Location-based Services	6	English		

U = UNIVERSITY UNDERGRADUATE STUDY PROGRAMME

G = UNIVERSITY GRADUATE STUDY PROGRAMME

ME = Mechanical Engineering

NA = Naval Architecture

EE = Electrical Engineering

CS = Computer Science