

**Courses in foreign languages at the University of Rijeka / Faculty of Engineering (2021/2022)**

	LEVEL OF STUDY	SEMESTER	COURSE TITLE	ECTS	LANGUAGE 1	LANGUAGE 2
Faculty of Engineering	U ME	spring	Production Technologies	5	English	
	U ME	spring	Automation	4	English	
	U ME	spring	Introduction into Finite Element Method	4	English	
	U NA	spring	Basics of Ship Production	5	English	
	U NA	spring	Ship Hull Forms	6	English	
	U NA	autumn	Seaworthiness and Stability of the Ship	7	English	
	U NA	spring	Marine Hydrodynamics I	8	English	
	U NA	spring	Environment Protection	4	English	
	U NA	spring	Basic Ship Dynamics	4	English	
	U NA ME EE	spring	Introduction to Guidance and Control of Marine Vehicle	4	English	
	U EE	spring	Materials Technology	5	English	
	U EE	autumn	Power Electronics	6	English	
	U NA ME EE CS	autumn	English Language 1	3	English	
	U NA ME EE CS	spring	English Language 2	3	English	
	G ME	autumn	Engineering Visualization	4	English	
	G ME	autumn	Mechanical Design of Machine Components	5	English	
	G ME	autumn	Vibrations	4	English	
	G ME	autumn	Marine Electrical Engineering	4	English	
	G ME	spring	Machining Processes	5	English	
	G ME	spring	Power Transmissions	5	English	
	G ME	spring	Numerical Modelling in Thermodynamics	5	English	
	G ME	spring	Energy and Process Devices	5	English	
	G ME	spring	Flexible and Intelligent Systems	5	English	
	G ME	autumn	Advanced Manufacturing Processes	5	English	
	G ME	autumn	Industrial Robotics	5	English	
	G ME	autumn	Modelling of Hydraulics and Pneumatics Systems	5	English	
	G ME	autumn	Precision Engineering and Microsystems Technologies	6	English	Italian
	G ME	spring	Thermomechanics	5	English	
	G ME	spring	Micro and Nanoelectromechanical Systems	5	English	Italian
	G ME	spring	Laboratory Exercises B	5	English	Italian
	G ME	spring	Application of Artificial Intelligence	5	English	
	G ME	spring	Ship Propulsion Devices	5	English	
	G ME	spring	Numerical Methods in Design	5	English	
	G ME	spring	CNC/NC Machine Tools	5	English	
	G NA	autumn	Marine Hydrodynamics II	6	English	
	G NA	autumn	Ship Strength	5	English	
	G NA	spring	Ship Structural Analysis	5	English	
	G NA	autumn	Shipyard Design	5	English	
	G NA	autumn	Ship Stability in Exploitation	5	English	
	G NA	autumn	Seakeeping	5	English	
	G NA ME	spring	Offshore Structures and Vehicles	5	English	
	G NA ME	autumn	Offshore Operations	5	English	
G EE	autumn	Driving and Operating Engines	6	English		
G EE	spring	Analog Signal Processing	5	English		
G EE	spring	Automated Instrumentation	5	English		
G EE	autumn	Optoelectronics	4	English	Italian	
G EE	autumn	Mechatronic Systems	5	English		
G CS	spring	Software Defined Radio	6	English		
G CS	autumn	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