

University of Zagreb, Faculty of Mechanical Engineering and Naval
Architecture (UNIZAG FSB)

List of English Courses 2017/2018

Course code	Course name (English)	Hours	ECTS	Taught in English (2,3 or 4)	Level	Semester	Contact e-mail
18450	Ship Construction - laboratory	0+30	2	2-Djelomično 1	G	S	smiljko.rudan@fsb.hr
18454	Mechatronics II	30+30	5	3-Djelomično 2	G	S	josko.petric@fsb.hr
18499	Assembly Automata	30+30	5	2-Djelomično 1	U	W	zkunica@fsb.hr
18500	Packaging Automation PE	30+30	5	2-Djelomično 1	G	W	zkunica@fsb.hr
18501	Packaging Automation	30+15	4	2-Djelomično 1	G	W	zkunica@fsb.hr
18502	Ship Acoustics	30+30	7	4-Potpuno	G	S	nikola.vladimir@fsb.hr
18521	Logistics Systems Modeling	30+30	5	2-Djelomično 1	G	W	goran.dukic@fsb.hr
18540	Theory of Vibrations	30+15	4	4-Potpuno	G	W	josko.parunov@fsb.hr
18547	Shipyards Design	30+30	5	2-Djelomično 1	G	W	jerolim.andric@fsb.hr
18551	Special Topics in Engineering Logistics	30+30	5	2-Djelomično 1	U	W	goran.dukic@fsb.hr
18559	Production System Planning	30+30	5	2-Djelomično 1	U	W	zkunica@fsb.hr
18628	Numerical Methods in Continuum Mechanics	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
18629	Numerical Methods in Aerospace Engineering II	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
18635	Offshore Constructions	30+0	2	3-Djelomično 2	G	W	ivan.catiipovic@fsb.hr
18638	Material Removal	30+15	4	2-Djelomično 1	G	S	tudiljak@fsb.hr
18651	Automatization in foundry	30+30	5	2-Djelomično 1	G	S	bbauer@fsb.hr
18664	Ship Outfit	45+30	6	4-Potpuno	G	S	vedran.slapnicar@fsb.hr
18666	Ship Design	45+60	8	4-Potpuno	G	W	vedran.slapnicar@fsb.hr
18674	Introduction to Ship Vibration	30+30	5	4-Potpuno	G	W	josko.parunov@fsb.hr
18709	Material Removal Processes	30+30	5	2-Djelomično 1	U	W	tudiljak@fsb.hr
18710	Reliability of Marine Power Plants	30+15	4	4-Potpuno	G	W or S	nikola.vladimir@fsb.hr
18725	Structural Analysis	30+15	4	2-Djelomično 1	G	W or S	smiljko.rudan@fsb.hr
18735	Ship Vibrations	45+30	7	4-Potpuno	U	W	josko.parunov@fsb.hr
18750	Steam Generators	45+30	5	2-Djelomično 1	U	S	mcehil@fsb.hr
18751	Intelligent Process Planning	30+15	3	2-Djelomično 1	U	W	predrag.cosic@fsb.hr
18762	Combustion and Radiation Modelling	30+30	5	4-Potpuno	G	S	milan.vujanovic@fsb.hr
18776	Production Management	30+45	5	2-Djelomično 1	U	W	nstefan@fsb.hr
18785	Ship Hydrodynamics - Laboratory	0+30	2	4-Potpuno	G	S	nastia.degiuli@fsb.hr
18787	Ship Resistance and Propulsion	45+30	6	4-Potpuno	U, G	S	nastia.degiuli@fsb.hr
18794	Computer Aided NDT	30+15	4	3-Djelomično 2	G	W	damir.markucic@fsb.hr
18796	Thermal Power Plants Planning	30+15	4	2-Djelomično 1	G	W or S	mcehil@fsb.hr
18801	Work Study and Ergonomics	30+15	4	2-Djelomično 1	U	S	predrag.cosic@fsb.hr
18803	Thermal Power Plants	45+15	4	2-Djelomično 1	U	W	mcehil@fsb.hr
18941	Floating Objects Structural Design	30+15	4	3-Djelomično 2	G	W or S	jerolim.andric@fsb.hr
18962	Welding and Assembly	60+30	7	2-Djelomično 1	U	W	zkunica@fsb.hr
19309	Internal Combustion Engines A	45+30	5	2-Djelomično 1	U	S	darko.kozarac@fsb.hr
19313	Computer Simulations in Development of Engines and Vehicles	15+45	5	3-Djelomično 2	G	W	darko.kozarac@fsb.hr
19567	Environmental Protection	30+15	5	3-Djelomično 2	G	S	slaven.dobrovic@fsb.hr
19569	Theory of Structures	45+30	6	4-Potpuno	U	W	smiljko.rudan@fsb.hr
19571	Small Ships	30+0	2	4-Potpuno	G	W	vedran.slapnicar@fsb.hr
19669	Water, Fuels and Lubricants	45+30	6	2-Djelomično 1	G	S	slaven.dobrovic@fsb.hr
20137	Strategic Management	30+30	5	2-Djelomično 1	G	W	gbaric@fsb.hr
33805	Numerical Methods in Continuum Mechanics	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
39945	Design of Experiment	30+30	5	2-Djelomično 1	G	W	hrvoje.cajner@fsb.hr
39951	Aircraft Systems and Equipment II	30+15	4	3-Djelomično 2	G	S	josip.j.stepanic@fsb.hr
39954	Collision and Grounding as Criteria in Design of Ship Structures	30+15	4	4-Potpuno	G	W or S	smiljko.rudan@fsb.hr
39994	Assembly Automata	30+30	5	2-Djelomično 1	G	W	zkunica@fsb.hr
40309	Internal Combustion Engines B	30+15	4	4-Potpuno	U	W	darko.kozarac@fsb.hr
46489	Mechanical Integrity of Structures	30+15	4	3-Djelomično 2	U, G	S	zeljko.bozic@fsb.hr
73035	Boilers	30+15	4	4-Potpuno	G	S	mcehil@fsb.hr
73039	Distributed Generation	30+15	4	4-Potpuno	G	W	drazen.loncar@fsb.hr
75761	Probabilistic Approach to Damage Stability	30+15	4	4-Potpuno	G	W or S	vedran.slapnicar@fsb.hr
90433	Combustion and Radiation Modelling	30+15	4	4-Potpuno	G	S	milan.vujanovic@fsb.hr
93827	Navigation Systems	30+15	4	3-Djelomično 2	G	S	josip.j.stepanic@fsb.hr
95617	Materials Recycling	30+15	5	4-Potpuno	G	W	izmak@fsb.hr
95619	Polymeric Materials	30+15	4	4-Potpuno	U	S	tatjana.haramina@fsb.hr
103239	Mechanics of Composite Materials	30+15	4	3-Djelomično 2	U	S	ivica.smojver@fsb.hr
103299	Fatigue Reliability and Rational Inspection Planning	30+15	4	4-Potpuno	G	W or S	josko.parunov@fsb.hr
103304	Ship Structure Reliability with Respect to Ultimate Strength	30+15	4	4-Potpuno	G	W or S	josko.parunov@fsb.hr
103305	Quality Management	30+30	5	4-Potpuno	G	S	biserka.runje@fsb.hr
103306	European Global Product Realization Course I	15+30	4	4-Potpuno	G	S	neven.pavkovic@fsb.hr
103307	European Global Product Realization Course II	15+30	4	4-Potpuno	G	S	neven.pavkovic@fsb.hr
103308	Fatigue Strength of Structures	30+15	4	4-Potpuno	U	S	zeljko.bozic@fsb.hr
111637	Dynamics of Multibody Systems	30+15	4	4-Potpuno	U	W or S	zdravko.terze@fsb.hr
111642	Environmental Aerodynamics	45+45	7	4-Potpuno	G	S	hrvoje.kozmar@fsb.hr
111663	Design for Sustainability - Ecodesign	30+15	4	4-Potpuno	G	S	mario.storga@fsb.hr
112030	Innovation Management in Product Development	30+15	4	4-Potpuno	G	S	dorian.marjanovic@fsb.hr
112318	Heat Pumps VS Renewable Energy Sources	45+30	6	4-Potpuno	G	W	vladimir.soldo@fsb.hr

Notes:

Taught in English:

- 2 - Djelomično 1 (Partially in English - lessons & exercises held in Croatian, materials & exam in English)
- 3 - Djelomično 2 (Partially in English - lessons held in Croatian, exercises, materials & exam in English)
- 4 - Potpuno (Completely taught in English)

Level:

- U Undergraduate
- G Graduate

Semester

- W Winter
- S Summer