

KLASA: 643-02/25-02/0001
URBROJ: 2181-197-00-12-25-0002

LECTURE SCHEDULE

POSTGRADUATE UNIVERSITY STUDY
TECHNOLOGIES IN MARITIME AFFAIRS
for the 2025-2026 Academic Year

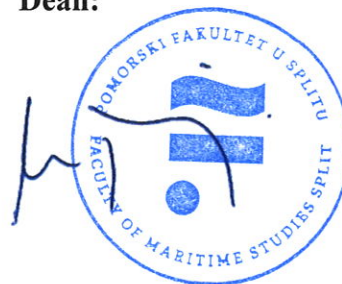
Adopted at the 15th session of the Faculty Council held on 10. 9. 2025

Head of University Postgraduate Study:



Asst. Prof. Ivana Golub Medvešek, PhD

Dean:



Assoc. Prof. Ivan Peronja, PhD

Split, September 2025

I semester					
Lecturer	ISVU	Code	Subject	Hours	ECTS
Tenured Full Prof., Dragan Poljak, PhD Assoc. Prof. Hrvoje Dodig, PhD	203000	PFD001	Scientific research methodology	30 (20+10+0)	5
Assoc. Prof. Joško Šoda, PhD Tenured Full Prof., Merica Slišković, PhD	203001	PFD002	Scientific Projects Organization and Bibliometrics	30 (18+2+10)	5
	216034	PFD018	Scientific research paper 1	120 (0+120+0)	20
Mandatory subjects					30

II semester					
Lecturer	ISVU	Code	Subject	Hours	ECTS
Assoc. Prof., Hrvoje Dodig, PhD	203002	PFD003	Expert systems in maritime affairs	30 (20+10+0)	5
Tenured Full Prof., Pero Vidan, PhD Assoc. Prof., Mate Barić, PhD, University of Zadar	203003	PFD004	Intelligent transportation systems in maritime transport	30 (15+15+0)	5
Tenured Full Prof., Nikola Račić, PhD	203005	PFD006	Modelling and simulation of ship propulsion plants	20 (20+0+0)	5
Asst. Prof., Zdeslav Jurić, PhD	203006	PFD007	Energy efficiency of ship power plants	30 (20+10+0)	5
Full Prof., Tatjana Stanivuk, PhD	203008	PFD009	Mathematical Methods in Maritime Studies	30 (12+ 10+8)	5
Full Prof., Anita Gudelj, PhD Asst. Prof., Ivan Pavić, PhD	203009	PFD010	Modeling and Optimization of Maritime Traffic Systems	30 (25+0+5)	5
Assoc. Prof., Adamczyk Arkadiusz, PhD, Polish Naval Academy, Gdynia	203010	PFD011	Energy efficiency in maritime traffic	30 (20+ 5+5)	5
Full Prof., Igor Vujović, PhD Assoc. Prof., Petar Matić, PhD	203011	PFD012	Advanced algorithms in traffic monitoring systems	30 (20+10+0)	5
Tenured Full Prof., Merica Slišković, PhD Assoc. Prof., Nikola Mandić, PhD	203012	PFD013	Sustainable Maritime Transport: Environmental and Ecological Perspectives	30 (20+10+0)	5
Assoc. Prof., Rino Bošnjak, PhD	203014	PFD015	Synthesis of control systems in high-risk sea areas	30 (25+0+5)	5
Assoc. Prof., Ivica Pavić, PhD	203015	PFD016	Methodology of Designing Naval Operations	20 (20+0+0)	5
Full Prof., Zvonimir Lušić, PhD	203017	PFD017	Vessel routing and traffic planning	30 (15+15 +0)	5
Assoc. Prof., Luka Vukić, PhD	216040	PFD020	Logistics and sustainable transportation	60 (30+30+0)	5

Asst. Prof., Ivana Golub Medvešek, PhD	288705	PFD025	Selected chapters from hydrography	30 (15+15+0)	5
Tenured Full Prof., Gorana Jelić, PhD Assoc. Prof., Tina Perić, PhD	288706	PFD026	Green Technology Solutions	30 (20+10+0)	5
Asst. Prof., Antonija Mišura, PhD	288707	PFD027	Sustainable development of maritime passenger transport	30 (10+10+10)	5
Elective subjects					15
	216038	PFD019	Scientific research paper 2	90 (0+90+0)	15
Mandatory subjects					15

III semester					
Lecturer	ISVU	Code	Subject	Hours	ECTS
	223291	PFD021	Scientific research paper 3	180 (0+180+0)	30
Mandatory subjects					30

IV semester					
Lecturer	ISVU	Code	Subject	Hours	ECTS
	223292	PFD022	Scientific research paper 4	180 (0+180+0)	30
Mandatory subjects					30

V semester					
Lecturer	ISVU	Code	Subject	Hours	ECTS
	230787	PFD023	Scientific research paper 5	180 (0+180+0)	30
Mandatory subjects					30

VI semester					
Lecturer	ISVU	Code	Subject	Hours	ECTS
	230788	PFD024	Scientific research paper 6	180 (0+180+0)	30
Mandatory subjects					30

I semestar					
Ime i prezime nastavnika	ISVU	Kod	Naziv predmeta	Nastava	ECTS
prof. dr. sc. Dragan Poljak izv. prof. dr. sc. Hrvoje Dodig	203000	PFD001	Metodologija znanstveno-istraživačkog rada	30 (20+10+0)	5
izv. prof. dr. sc. Joško Šoda prof. dr. sc. Merica Slišković	203001	PFD002	Organizacija znanstvenih projekata i bibliometrika	30 (18+2+10)	5
	216034	PFD018	Znanstveno istraživački rad 1	120 (0+120+0)	20
Obvezni predmeti					30

II semestar					
Ime i prezime nastavnika	ISVU	Kod	Naziv predmeta	Nastava	ECTS
izv. prof. dr. sc. Hrvoje Dodig	203002	PFD003	Ekspertni sustavi u pomorstvu	30 (20+10+ 0)	5
prof. dr. sc. Pero Vidan doc. dr. sc. Mate Barić, Sveučilište u Zadru	203003	PFD004	Inteligentni transportni sustavi u pomorstvu	30 (15+15+ 0)	5
prof. dr. sc. Nikola Račić	203005	PFD006	Modeliranje i simuliranje brodskih porivnih sustava	20 (20+0+0)	5
doc. dr. sc. Zdeslav Jurić	203006	PFD007	Energetska učinkovitost brodskih sustava	30 (20+10+0)	5
prof. dr. sc. Tatjana Stanivuk	203008	PFD009	Matematičke metode u pomorstvu	30 (12+ 10+8)	5
prof. dr. sc. Anita Gudelj doc. dr. sc. Ivan Pavić	203009	PFD010	Modeliranje i optimiranje pomorskih prometnih sustava	30 (25+0+5)	5
doc. dr. sc. Adamczyk Arkadiusz, Polish Naval Academy, Gdynia	203010	PFD011	Energetska učinkovitost u pomorskom prometu	30 (20+ 5+5)	5
prof. dr. sc. Igor Vujović izv. prof. dr. sc. Petar Matić	203011	PFD012	Napredni algoritmi u prometnim nadzornim sustavima	30 (20+10+0)	5
prof. dr. sc. Merica Slišković izv. prof. dr. sc. Nikola Mandić	203012	PFD013	Sustav održivog pomorskog prijevoza s aspekta ekologije i zaštite okoliša	30 (20+10+0)	5
izv. prof. dr. sc. Rino Bošnjak	203014	PFD015	Sinteza nadzornih sustava u rizičnim pomorskim područjima	30 (25+0+5)	5
izv. prof. dr. sc. Ivica Pavić	203015	PFD016	Metodologija dizajniranja pomorskih operacija	20 (20+0+0)	5
prof. dr. sc. Zvonimir Lušić	203017	PFD017	Planiranje pomorske plovidbe	30 (15+15 +0)	5
izv. prof. dr. sc. Luka Vukić	216040	PFD020	Logistika i održivi prijevoz	60 (30+30+0)	5
doc. dr. sc. Ivana Golub Medvešek	288705	PFD025	Izabrana poglavlja iz hidrografije	30 (15+15+0)	5
prof. dr. sc. Gorana Jelić Mrčelić izv. prof. dr. sc. Tina Perić	288706	PFD026	Zelena tehnološka rješenja	30 (20+10+0)	5
doc. dr. sc. Antonija Mišura	288707	PFD027	Održivi razvoj pomorskoputničkog prometa	30 (10+10+10)	5
Izborni predmeti					15
	216038	PFD019	Znanstveno-istraživački rad 2	90 (0+90+0)	15
Obvezni predmet					15