

JURAJ DOBRILA UNIVERSITY OF PULA
DEPARTMENT OF NATURAL AND HEALTH SCIENCES
UNDERGRADUATE UNIVERSITY PROGRAMME MARINE SCIENCES
Executive curriculum for the academic year 2020/2021

Semester I
(Autumn Semester)

Code	Course	Professor	ECTS
201588	General and Inorganic Chemistry	Asst. Prof. Gioconda Millotti, PhD	5
201589	General Biology	Prof. Mladen Kućinić, PhD	5
50287	Microbiology	Asst. Prof. Emina Pustijanac, PhD	5
50288	Cell and Molecular Biology	Asst. Prof. Emina Pustijanac, PhD	5
152480	Physics	Assoc. Prof. Daniel Lyons, PhD	5
152481	Mathematics	Asst. Prof. Danijela Rabar, PhD	5
		In total	30 ECTS

Semester II
(Spring Semester)

Code	Course	Professor	ECTS
50282	Marine Invertebrates	Asst. Prof. Ana Travizi, PhD Assoc. Prof. Andrej Jaklin, PhD Neven Iveša, graduate teaching assistant	5
152493	Organic Chemistry and Biochemistry	Asst. Prof. Gioconda Millotti, PhD	5
152496	Algology	Assoc. Prof. Ljiljana Iveša, PhD Assoc. Prof. Romina Kraus, PhD Moira Buršić, graduate teaching assistant	5
152497	Ecology	Assoc. Prof. Mauro Štifanić, PhD Neven Iveša, graduate teaching assistant	3
152559	Methodology of Scientific Work	Assoc. Prof. Bojan Lazar, PhD	3
152502	Physical Geology	Prof. Vlasta Čosović, PhD	4
214579	Introduction to Oceanology	Asst. Prof. Paolo Paliaga, PhD Moira Buršić, graduate teaching assistant	5
		In total	30 ECTS

Semester III
(Autumn Semester)

Code	Course	Professor	ECTS
152500	Marine Physics	Prof. Nastjenjka Supić, PhD	5
63484	Marine Chemistry	Assoc. Prof. Tamara Đakovac, PhD	5
152501	Marine Ecology	Asst. Prof. Paolo Paliaga, PhD Moirra Buršić, graduate teaching assistant Neven Iveša, graduate teaching assistant	5
152508	Genetics and Evolution	Assoc. Prof. Mauro Štifanić, PhD Asst. Prof. Ana Baričević, PhD	5
63487	Physical Chemistry	Prof. Nevenka Bihari, PhD Prof. Renato Batel, PhD	5
63495	Physiology of Marine Organisms	Asst. Prof. Ines Kovačić, PhD Assoc. Prof. Dijana Pavičić Hamer, PhD	5
		In total	30 ECTS

Semester IV
(Spring Semester)

Code	Course	Professor	ECTS
63492	Analytical Chemistry and Instrumental Methods of Analysis	Asst. Prof. Gioconda Millotti, PhD	5
152505	Biostatistics and Experimental Designs	Assoc. Prof. Maja Fafandel, PhD	3
75017	Marine Geology	Prof. Vlasta Čosović, PhD	4
214581	Practical Course in Marine Biology	Asst. Prof. Paolo Paliaga, PhD Neven Iveša, graduate teaching assistant	3
214580	Marine Vertebrates	Assoc. Prof. Bojan Lazar, PhD Moira Buršić, graduate teaching assistant	5
	Optional	Elective courses	10
		In total	30 ECTS

Elective courses for the 4th Semester

Code	Course	Professor	ECTS
152509	English for Marine Science Students	Krešimir Vunić, Lecturer	3
63497	Ecophysiology	Assoc. Prof. Dijana Pavičić Hamer, PhD	3
63490	Meiofauna of Marine Sediments	Asst. Prof. Ana Travizi, PhD Moira Buršić, graduate teaching assistant	3
152524	Nanotechnology in Marine Research	Prof. Daniel Lyons, PhD Ivana Hazdovac, graduate teaching assistant	4
		In total	13 ECTS

Semester V
(Autumn Semester)

Code	Course	Professor	ECTS
74718	Basics of EU	Prof. Ines Kersan-Škabić, PhD Asst. Prof. Kristina Afrić Rakitovac, PhD Asst. Prof. Lela Tijanić, PhD	4
75017	Marine Geology	Prof. Vlasta Čosović, PhD	4
75019	Mechanisms of Long-Term Change in Marine Ecosystems	Asst. Prof. Paolo Paliaga, PhD	3
152512	Organic Matter Cycle and Eutrophication	Asst. Prof. Paolo Paliaga, PhD Ingrid Ivančić, PhD	3
152517	Marine Geochemistry	Prof. Ivan Sondi, PhD Asst. Prof. Kristina Pikelj, PhD	4
152518	Oceanographic Data Processing	Assoc. Prof. Robert Precali, PhD Prof. Nastjenska Supić, PhD	6
	Optional	Elective courses	6
		In total	30 ECTS

Elective courses for the 5th Semester

Code	Course	Professor	ECTS
201632	Marine Fisheries	Assoc. Prof. Ana Gavrilović, PhD Neven Iveša, graduate teaching assistant	5
152519	History of Marine Research	Prof. Renato Batel, PhD Assoc. Prof. Bojan Hamer, PhD	3
75025	Radioecology	Asst. Prof. Dijana Pavičić Hamer, PhD	3
		In total	11 ECTS

Semester VI
(Spring Semester)

Code	Course	Professor	ECTS
152521	Molecular Toxicology and Ecotoxicology	Prof. Nevenka Bihari, PhD Assoc. Prof. Maja Fafandel, PhD	4
152522	Biodiversity and Conservation Biology	Assoc. Prof. Bojan Lazar, PhD Moira Buršić, graduate teaching assistant	4
75029	Programmed Biosynthesis and Genotoxic Risk	Assoc. Prof. Maja Fafandel, PhD	4
	Optional	Elective courses	8
75030	Final Exam		10
		In total	30 ECTS

Elective courses for the 6th Semester

Code	Course	Professor	ECTS
152524	Nanotechnology in Marine Research	Prof. Daniel Lyons, PhD Ivana Hazdovac, graduate teaching assistant	4
201637	Scientific Diving	Assoc. Prof. Andrej Jaklin, PhD	4
214582	Principles and Systems of Marine and Coastal Protection	Asst. Prof. Paolo Paliaga, PhD Neven Iveša, graduate teaching assistant	4
		In total	12 ECTS

Teaching locations:

Lectures will be held on the premises of the Juraj Dobrila University of Pula and in the Ruđer Bošković Institute, Center for Marine Research in Rovinj.

Beginning and completion of lectures - according to the Academic Calendar of the University:

https://www.unipu.hr/akademski_kalendar

Schedule of lectures and exams:

https://opzs.unipu.hr/opzs/za_studente/raspored_nastave

https://opzs.unipu.hr/opzs/za_studente/termini_ispita

Syllabus:

https://opzs.unipu.hr/opzs/studijski_programi/preddiplomski_sveucilisni_studij_znanost_o_moru

Head of Department:

Assoc. Prof. Mauro Štifanić, PhD