

Course	Lecturer	Code	semester (Z-winter, L-summer)	Language of instruction	Field of study, specialisation, degree of study (1st-BSc level, 2nd-Master level, 3rd-PhD level)	Form of education no of teaching hours/ECTS	Type of course
Cosmogenic nuclides Geology	dr Karol Tylmann	7.3.0134	Z	English	Geology 1st	lecture 15h/1ECTS; seminar 15h/1ECTS	obligatory
Recent findings in urban socio-economic development	Scott James/invited foreign lecturers	2.0.0032	Z	English	Spatial management 2nd/Oceanography 1st	lecture 30h/2ECTS	obligatory/free choice-opening depends on students' interest
Gen and genome engineering of marine organism	dr hab. Konrad Ocalewicz prof. UG	13.8.0794	Z	English	Oceanography 2nd (specialisation Marine biotechnology)	lecture 30h/2ECTS; practical classes 45h/4ECTS	obligatory-if specialisation group is formed
Blue biotechnology (syllabus as for Błękitna biotechnologia)	prof. dr hab. Hanna Mazur Marzec; dr Agata Błaszczuk	13.8.0776	Z	English	Oceanography 2nd (specialisation Marine biotechnology)	lecture 30h/2ECTS; practical classes 45h/4ECTS	obligatory-if specialisation group is formed
Barcoding marine life (syllabus as for Barkoding organizmów morskich)	dr Filip Pniewski	13.8.0857	Z	English	Oceanography 2nd	lecture 15h/1ECTS	free choice-opening depends on students' interest
Geology of the ocean and sea floor	dr Ewa Szymczak, dr Agnieszka Kubowicz-Grajewska	7.3.0192	Z	English	faculty course (1st and 2nd) Geology 1st, Management and protection of water resources 1st, Geography 1st, Oceanography 1st and 2nd	practical classes 30h/4ECTS	free choice-opening depends on students' interest
Use of living aquatic resources	dr hab. Aldona Dobrzycka-Krahel	13.8.0919	Z	English	faculty course (1st and 2nd) Aquaculture – Business And Technology 1st, Geology 1st, Management and protection of water resources 1st, Geography 1st, Physical geography and geoinformation science 2st, Spatial management 1st and 2nd, Socio-economic geography with GIS 2nd, Oceanography 1st and 2nd, Aquaculture - business and technology 1st	lecture 10h/1ECTS; auditorium classes 15h/1ECTS	free choice-opening depends on students' interest
Ecological assessment of marine environments	dr Aleksandra Zgrundo, prof. UG dr hab. Katarzyna Smolarz		Z	English	faculty course (1st and 2nd)	lecture 30h/2ECTS; practical classes 45h/3ECTS	free choice-opening depends on students' interest

Speciation, Ecology, Biodiversity and Biogeography of cyanobacteria and microalgae - theoretical concepts and facts	dr hab. Katarzyna Palińska prof UG		Z	English	faculty course (1st and 2nd)	lecture 12h/1ECTS; auditorium classes 18h/1ECTS	free choice-opening depends on students' interest
Cultural landscape	dr hab. Mariusz Czepczyński prof. UG		Z	English	Spatial management 2nd	lecture 15h/1ECTS; auditorium classes 15h/2ECTS	free choice-opening depends on students' interest
Political geography	dr hab. Jan Wendt prof. UG		Z	English	Geography 1st,	lecture 15h/1ECTS; auditorium classes 15h/2ECTS	free choice-opening depends on students' interest
Tourism at Central and Eastern Europe	dr hab. Jan Wendt prof. UG		Z	English	faculty course (1st and 2nd)	auditorium classes 15h/2ECTS	free choice-opening depends on students' interest
Pollution of lakes – A Paleoenvironmental Perspective	prof. dr hab. Wojciech Tylmann	6.9.0019	Z	English	Oceanography 1st	lecture 15h/2ECTS	free choice-opening depends on students' interest
Recent findings in ocean research	invited foreign lecturers	13.8.0840	L	English	Oceanography 2nd	lecture 15h/1ECTS	obligatory
Regional oceanography case studies	dr hab. Witold Cieślakiewicz prof. UG, dr hab. Waldemar Grzybowski prof. UG, dr hab. Urszula Janas prof. UG prof. UG, dr hab. Anita Lewandowska, dr hab. Katarzyna Łukawska-Matuszewska prof. UG, dr Ewa Szymczak, dr Agnieszka Kubowicz-Grajewska, dr Anna Panasiuk, dr Filip Pniewski	13.8.0694	L	English	Oceanography 2nd	seminar 60h/5ECTS	obligatory
Principles on synoptic meteorology	dr Mirosława Malinowska	13.9.0117	L	English	Management and protection of water resources 1st	seminar 20h/2ECTS	przedmioty obowiązkowe w programie studiów - wybierane dwa spośród pięciu
Emission of nutrients from Polish agriculture to the Baltic Sea	dr hab. Katarzyna Łukawska-Matuszewska prof. UG	13.9.0088	L	English		seminar 20h/2ECTS	
Ecosystem based management	dr Tomasz Zarzycki	13.9.0087	L	English		seminar 20h/2ECTS	

Atmospheric Pollution in the coastal zone	dr hab. Anita Lewandowska prof. UG	13.8.0924	L	English	faculty course (1st and 2nd)	seminar 10h/2ECTS	free choice-opening depends on students' interest
Chemical processes in and between the atmosphere, seawater and sediment of the marine environment	dr hab. Magdalena Bełdowska prof. UG, dr hab. Dorota Burska prof. UG, dr hab. Bożena Graca prof. UG, dr hab. Anita Lewandowska prof. UG, dr hab. Katarzyna Łukawska-Matuszewska prof.. UG		L	English	faculty course (1st and 2nd)	lecture 30h/2ECTS; practical classes 75h/4ECTS	free choice-opening depends on students' interest
Fish Biology	dr hab. Mariusz Sapota prof. UG, dr hab. Konrad Ocalewicz prof. UG, dr Anna Lizińska, dr Anna Dziubińska	13.8.0893	L	English	faculty course (1st and 2nd) Geology, Aquaculture - business and technology , Biology 1st, Oceanography 1st and 2nd	lecture 30h/2ECTS; practical classes 45h/3ECTS	free choice-opening depends on students' interest
Political geography	dr hab. Jan Wendt prof. UG		Z	English	Geography 1st, Physical geography and geoinformation science 2nd, Socio-economic geography with GIS 2nd	lecture 15h/1ECTS; auditorium classes 15h/2ECTS	free choice-opening depends on students' interest
New Cultural Geography	dr hab. Mariusz Czepczyński prof. UG	7.1.0517	L	English	faculty course (1st and 2nd) Geography 1st, Socio-economic geography with GIS 2nd, Geology 1st, Physical geography and geoinformation science 2nd, Spatial management 1st and 2nd, Oceanography 1st and 2nd	lecture 15h/1ECTS; auditorium classes 15h/2ECTS	free choice-opening depends on students' interest
Global climate change - Impact and adaptation	dr Janusz Filipiak		L	English	faculty course (1st and 2nd)	lecture 15h/2ECTS	free choice-opening depends on students' interest
Human Biometeorology	dr Małgorzata Owczarek	7.1.0513	L	English	faculty course (1st and 2nd) Geography 1st, Spatial management 1st and 2nd, Physical geography and geoinformation science 2nd, Socio-economic geography with GIS 2nd	lecture 15h/2ECTS	free choice-opening depends on students' interest
Renewable energy	dr Mirosława Malinowska	7.1.0518	L	English	faculty course (1st and 2nd) Geology 1st, Management and protection of water resources 1st, Geography 1st, Spatial management 1st and 2nd, Socio-economic geography with GIS 2nd, Oceanography 1st and 2nd	lecture 15h/2ECTS	free choice-opening depends on students' interest