



Faculty of: Geology, Geophysics and Environmental Protection

Field of study: Mining and Geology Study level: Second-cycle studies Form and type of study: Full-time studies

Specialty: Hydrogeology and Engineering Geology Annual: 2015/2016 Lecture language: Polish

Code	Module name	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Fieldwork classes	Workshops	Others	E-learning	ECTS	E
<b>Semester 1</b>														
Engineering														
BGG-2-101-HG-s	Geodynamika inżynierska	42	0	0	0	0	0	0	0	0	0	0	2	No
BGG-2-102-HG-s	Computer aided research in engineering geology	0	0	28	0	0	0	0	0	0	0	0	2	No
BGG-2-103-HG-s	Remediation and containment techniques for soil-water systems	28	0	0	0	0	0	14	0	0	0	0	3	No
BGG-2-104-HG-s	Hydrogeological drilling	14	0	0	14	0	0	0	0	0	0	0	2	No
BGG-2-105-HG-s	Groundwater protection	14	0	0	28	0	0	0	0	0	0	0	3	No
BGG-2-107-HG-s	Construction of groundwater intakes	14	0	0	28	0	0	0	0	0	0	0	4	Yes
BGG-2-108-HG-s	Groundwater modeling	14	0	42	0	0	0	0	0	0	0	0	4	Yes
BGG-2-113-HG-s	Applied hydrogeology and geotechnics - fieldwork	0	0	0	0	0	0	0	40	0	0	0	2	No
Other Basic														
BGG-2-106-HG-s	Environmental risk assessment at contaminated areas	30	0	0	0	0	0	0	0	0	0	0	3	No
BGG-2-110-HG-s	Groundwater monitoring	14	0	14	0	0	0	14	0	0	0	0	3	No
Thesis														
BGG-2-111-HG-s	Graduation practice	0	0	0	0	0	0	60	0	0	0	0	2	No
Suma ECTS													30	
<b>Semester 2</b>														
Engineering														
BGG-2-201-HG-s	Documenting the groundwater resources	14	0	0	28	0	0	0	0	0	0	0	3	No
BGG-2-206-HG-s	Modelowanie migracji zanieczyszczeń w wodach podziemnych	36	0	36	0	0	0	0	0	0	0	0	5	Yes

## Study programme - Mining and Geology - 2015/2016

Code	Module name	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Fieldwork classes	Workshops	Others	E-learning	ECTS	E
BGG-2-208-HG-s	GIS for water management and water protection	14	0	0	0	0	0	28	0	0	0	0	3	No
BGG-2-212-HG-s	Well test design and interpretatin	14	0	14	0	0	0	14	0	0	0	0	4	No
<b>Foreign Language</b>														
The rules for selecting groups/modules:														
BGG-2-211-HG-s	Język angielski B2+ - obowiązkowy kurs języka specjalistycznego na studiach II stopnia dla studentów Wydziału Geologii, Geofizyki i Ochrony Środowiska	0	28	0	0	0	0	0	0	0	0	0	2	Yes
<b>Other Basic</b>														
BGG-2-202-HG-s	Statistical methods in engineering geology	0	14	0	0	0	0	28	0	0	0	0	2	No
BGG-2-203-HG-s	Mechanics of soils and rocks	28	28	0	0	0	0	0	0	0	0	0	4	Yes
BGG-2-207-HG-s	Tracer methods in environmental studies	28	0	14	0	0	0	0	0	0	0	0	2	No
BGG-2-209-HG-s	Mineral water, curative and thermal	14	0	0	0	0	0	14	0	0	0	0	2	No
<b>GiG_2st przedmiot obcojęzyczny obieralny</b>													3	
The rules for selecting groups/modules:														
BGG-2-205-HG-s	Mining and the Environment	30	0	0	0	0	0	0	0	0	0	0	3	No
BGG-2-214-HG-s	Mine of the Future	28	0	14	0	0	0	0	0	0	0	0	3	No
Suma ECTS													30	
<b>Semester 3</b>														
<b>Humanistyczno-społeczne</b>														
BGG-2-304-HG-s	Autopresentation and Communication	0	0	0	0	28	0	0	0	0	0	0	3	No
<b>Other Basic</b>														
BGG-2-306-HG-s	Modeling of hydrogeochemical processes	42	0	14	0	0	0	0	0	0	0	0	3	No
<b>Thesis</b>														
BGG-2-301-HG-s	MSc thesis	0	0	0	0	0	0	0	0	0	0	0	20	Yes
BGG-2-302-HG-s	Diploma seminar	0	0	0	0	0	28	0	0	0	0	0	2	No
<b>Obieralne ekonomiczne</b>													2	
The rules for selecting groups/modules:														
BGG-2-307-HG-s	Elements of finances and insurances	28	0	0	0	0	0	0	0	0	0	0	2	No
BGG-2-308-HG-s	Basic finances	28	0	0	0	0	0	0	0	0	0	0	2	No
Suma ECTS													30	