



Faculty of: Geology, Geophysics and Environmental Protection

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

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-1-103-s	Geometry and Computer Graphics	6	0	28	0	0	0	0	0	0	0	0	8	3	No
BGG-1-104-s	Information technology	14	0	14	0	0	0	0	0	0	0	0	2		No
BGG-1-106-s	Geodezja górnicza i metrologia	14	0	14	0	0	0	0	0	0	0	0	2		No
BGG-1-107-s	Bezpieczeństwo pracy i ergonomia	14	0	0	0	0	0	0	0	0	0	0	2		No
Mathematics															
BGG-1-101-s	Matematyka I	28	56	0	0	0	0	0	0	0	0	0	9		Yes
Other Basic															
BGG-1-102-s	Chemistry	28	14	14	0	0	0	0	0	0	0	0	6		Yes
BGG-1-105-s	General Geology I	28	0	0	0	0	0	28	0	0	0	0	4		No
BGG-1-108-s	Ochrona środowiska	14	14	0	0	0	0	0	0	0	0	0	2		No
Suma ECTS													30		
<b>Semester 2</b>															
Engineering															
BGG-1-204-s	Application of Computer Science in Geology	14	0	28	0	0	0	0	0	0	0	0	2		No
BGG-1-207-s	Mechanika i wytrzymałość materiałów	14	14	0	14	0	0	0	0	0	0	0	2		No
BGG-1-210-s	Statistics	14	28	0	0	0	0	0	0	0	0	0	3		No
Mathematics															
BGG-1-201-s	Matematyka II	28	56	0	0	0	0	0	0	0	0	0	9		Yes

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

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<b>Non-technical</b>														
BGG-1-206-s	Physical Education 1	0	0	0	0	0	0	0	0	0	28	0	0	No
<b>Other Basic</b>														
BGG-1-203-s	General Geology II	28	0	0	0	0	0	28	0	0	0	0	5	Yes
BGG-1-209-s	Field exercises in General Geology	0	0	0	0	0	0	0	90	0	0	0	3	No
<b>Physics</b>														
BGG-1-202-s	Fizyka I	28	28	0	0	0	0	0	0	0	0	0	6	Yes
<b>Suma ECTS</b>													30	
<b>Semester 3</b>														
<b>Engineering</b>														
BGG-1-302-s	Górnictwo	28	0	0	14	0	0	0	0	0	0	0	4	Yes
BGG-1-303-s	Hydrogeologia	28	0	0	0	0	0	28	0	0	0	0	4	Yes
BGG-1-306-s	Engineering geology	28	0	14	14	0	0	0	0	0	0	0	4	Yes
BGG-1-307-s	Geomechanics	14	14	0	0	0	0	0	0	0	0	0	3	No
<b>Foreign Language</b>														
The rules for selecting groups/modules:														
BGG-1-308-s	English B-2 – obligatory course 140h - semester 1/4	0	42	0	0	0	0	0	0	0	0	0	0	No
<b>Non-technical</b>														
BGG-1-301-s	Physical Education 2	0	0	0	0	0	0	0	0	0	14	0	0	No
<b>Other Basic</b>														
BGG-1-304-s	Geologia historyczna z paleontologia	28	0	0	0	0	0	28	0	0	0	0	4	Yes
BGG-1-310-s	Mineralogy	28	14	28	0	0	0	0	0	0	0	0	5	Yes
<b>Physics</b>														
BGG-1-305-s	Fizyka II	28	28	0	0	0	0	0	0	0	0	0	6	Yes
<b>Suma ECTS</b>													30	
<b>Semester 4</b>														
<b>Engineering</b>														
BGG-1-411-s	Geographical Information Systems (GIS)	14	0	0	0	0	0	28	0	0	0	0	3	No
BGG-1-412-s	Geofizyka	42	0	0	28	0	0	0	0	0	0	0	5	Yes
<b>Foreign Language</b>														
The rules for selecting groups/modules:														
BGG-1-408-s	English B-2 – obligatory course 140 - semester 2/4	0	42	0	0	0	0	0	0	0	0	0	0	No
<b>Non-technical</b>														
BGG-1-405-s	Physical Education 3	0	0	0	0	0	0	0	0	0	14	0	0	No
<b>Other Basic</b>														
BGG-1-401-s	Geological cartography	28	0	0	28	0	0	0	0	0	0	0	5	Yes
BGG-1-402-s	Sedimentology	14	14	0	0	0	0	0	0	0	0	0	2	No
BGG-1-403-s	Regional Geology of Poland	28	0	0	14	0	0	0	0	0	0	0	3	Yes
BGG-1-404-s	Petrography	28	14	28	0	0	0	0	0	0	0	0	5	Yes
BGG-1-410-s	Field practice of geological mapping	0	0	0	0	0	0	0	90	0	0	0	3	No

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BGG-1-413-s	Geomorphology and Quaternary Geology	28	0	0	28	0	0	0	0	0	0	0	4	No
Suma ECTS													30	
<b>Semester 5</b>														
Engineering														
BGG-1-504-s	Mining geology	30	0	0	30	0	0	0	0	0	0	0	3	Yes
BGG-1-539-s	Mineral deposits	45	0	0	0	0	0	45	0	0	0	0	4	Yes
<b>Foreign Language</b>														
The rules for selecting groups/modules:														
BGG-1-506-s	English B-2 – obligatory course 140h - semester 3/4	0	28	0	0	0	0	0	0	0	0	0	0	No
Humanistyczno-społeczne														
BGG-1-501-s	Economics and management	30	15	0	0	0	0	0	0	0	0	0	3	No
Other Basic														
BGG-1-538-s	Geochemistry	30	15	15	0	0	0	0	0	0	0	0	3	Yes
<b>GiG blok obieralny, semestr 5</b>													18	
The rules for selecting groups/modules: student wybiera 1 z 3 modułów														
<b>MODUŁ OBIERALNY_1/1</b>														
The rules for selecting groups/modules:														
BGG-1-503-s	Petrology of Raw Materials I	30	0	30	0	0	0	0	0	0	0	0	7	No
BGG-1-505-s	Methods of mineral and rock analysis	15	30	30	0	0	0	0	0	0	0	0	7	No
BGG-1-522-s	Gemmology	15	0	15	0	0	0	0	0	0	0	0	4	No
<b>MODUŁ OBIERALNY_2/1</b>														
The rules for selecting groups/modules:														
BGG-1-507-s	Soil engineering	30	0	30	0	0	0	0	0	0	0	0	7	Yes
BGG-1-513-s	Hydrogeochemistry	30	0	30	0	0	0	0	0	0	0	0	7	Yes
BGG-1-514-s	Hydrology	15	0	0	15	0	0	0	0	0	0	0	4	No
<b>MODUŁ OBIERALNY_3/1</b>														
The rules for selecting groups/modules:														
BGG-1-502-s	Geohazards	15	0	0	30	0	0	0	0	0	0	0	5	No
BGG-1-509-s	Oil industry and an environment	15	0	30	0	0	0	15	0	0	0	0	7	No
BGG-1-534-s	Structural geology	15	30	0	0	0	0	0	0	0	0	0	6	Yes
Suma ECTS													31	
<b>Semester 6</b>														
Engineering														
BGG-1-602-s	Geologia złóż kopaliny płynnych	15	0	30	0	0	0	0	0	0	0	0	2	No
BGG-1-604-s	Drilling	30	0	0	15	0	0	0	0	0	0	0	2	Yes
BGG-1-605-s	Raw Materials	30	0	0	0	0	0	15	0	0	0	0	2	Yes
BGG-1-629-s	Praktyka zawodowa	0	0	0	0	0	0	0	0	0	120	0	4	No
<b>Foreign Language</b>														
The rules for selecting groups/modules:														
BGG-1-606-s	English B-2 – obligatory course 140 - semester 4/4	0	28	0	0	0	0	0	0	0	0	0	5	Yes

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<b>Humanistyczno-społeczne</b>														
BGG-1-623-s	Prawo autorskie i patentowe	30	0	0	0	0	0	0	0	0	0	0	2	No
<b>Other Basic</b>														
BGG-1-601-s	Geological and mining low	30	0	0	0	0	0	0	0	0	0	0	2	No
<b>GiG_blok obieralny, semestr 6</b>													11	
The rules for selecting groups/modules: student kontynuuje moduł wybrany w semestrze 5														
<b>MODUŁ OBIERALNY 1/2</b>														
The rules for selecting groups/modules:														
BGG-1-603-s	Petrologia surowców mineralnych II	15	0	30	0	0	0	0	0	0	0	0	2	No
BGG-1-608-s	Geological reporting of mineral deposits	30	0	0	30	0	0	0	0	0	0	0	3	No
BGG-1-611-s	Reaserch methods for mial resources	0	90	0	0	0	0	0	0	0	0	0	6	No
<b>MODUŁ OBIERALNY 2/2</b>														
The rules for selecting groups/modules:														
BGG-1-609-s	Projektowanie odwodnień i prac geologiczno-inżynierskich	30	0	0	30	0	0	0	0	0	0	0	3	No
BGG-1-610-s	Hydrogeologia regionalna	15	0	0	15	0	0	0	0	0	0	0	2	No
BGG-1-613-s	Geotechnics	30	15	0	0	0	0	15	0	0	0	0	3	Yes
BGG-1-616-s	Metody badań terenowych w hydrogeologii i geologii-inżynierskiej	15	0	0	0	0	0	45	0	0	0	0	3	No
<b>MODUŁ OBIERALNY 3/2</b>														
The rules for selecting groups/modules:														
BGG-1-634-s	Prospecting of Oil and Gas Deposits	30	0	60	0	0	0	0	0	0	0	0	6	Yes
BGG-1-639-s	Subsurface cartography I	15	0	30	0	0	0	0	0	0	0	0	2	No
<b>Subject in English</b>														
The rules for selecting groups/modules: Należy wybrać jeden moduł														
BGG-1-607-s	Geotectonics	30	0	0	0	0	0	0	0	0	0	0	3	No
BGG-1-636-s	Facies analysis	15	0	0	0	0	15	0	0	0	0	0	3	No
Suma ECTS													30	
<b>Semester 7</b>														
<b>Thesis</b>														
BGG-1-738-s	Projekt inżynierski	0	0	0	0	0	0	0	0	0	150	0	15	No
<b>GiG_blok obieralny, semestr 7</b>													15	
The rules for selecting groups/modules: student kontynuuje moduł wybrany w semestrze 5														
<b>MODUŁ OBIERALNY 1/3</b>														
The rules for selecting groups/modules:														
BGG-1-702-s	Geologiczno-górnice warunki eksploatacji	15	0	0	0	0	15	0	0	0	0	0	3	No
BGG-1-718-s	Seminarium dyplomowe	0	0	0	0	0	30	0	0	0	0	0	2	No
BGG-1-732-s	Computer-aided documentation of deposits	30	0	45	0	0	0	0	0	0	0	0	7	No
<b>Subject in English</b>														
The rules for selecting groups/modules: Należy wybrać jeden moduł														
BGG-1-703-s	Geological English	0	30	0	0	0	0	0	0	0	0	0	3	No
BGG-1-727-s	Applied mineralogy and geochemistry	30	0	0	0	0	0	0	0	0	0	0	3	No

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<b>MODUŁ OBIERALNY_2/3</b>														
The rules for selecting groups/modules:														
BGG-1-701-s	Basics of geodynamics	15	0	0	0	0	0	15	0	0	0	0	2	Yes
BGG-1-707-s	Mining hydrogeology	30	0	0	30	0	0	0	0	0	0	0	5	Yes
BGG-1-711-s	Diploma seminar	0	0	0	0	0	15	0	0	0	0	0	1	No
BGG-1-714-s	Basics of groundwater modeling	15	0	30	0	0	0	0	0	0	0	0	4	Yes
<b>Subject in English</b>														
The rules for selecting groups/modules: Należy wybrać jeden moduł													3	
BGG-1-704-s	Znaczniki sztuczne w hydrologii i hydrogeologii	15	0	0	0	0	0	15	0	0	0	0	3	No
BGG-1-705-s	Hydrogeological English	15	15	0	0	0	0	0	0	0	0	0	3	No
<b>MODUŁ OBIERALNY_3/3</b>														
The rules for selecting groups/modules:														
BGG-1-706-s	Reservoir geology	30	0	21	0	0	0	0	0	0	0	9	4	Yes
BGG-1-709-s	Economic Geology	15	15	0	0	0	0	0	0	0	0	0	3	No
BGG-1-731-s	Drill core description and mapping	0	0	0	0	0	0	30	0	0	0	0	3	No
BGG-1-739-s	Seminarium dyplomowe	0	0	0	0	0	30	0	0	0	0	0	2	No
BGG-1-746-s	Isotopes in geology	15	0	15	0	0	0	0	0	0	0	0	3	No
Suma ECTS													30	