

Field of study: Earth Sciences

Study programme: Mineralogy and Petrology

Guarantee: prof. RNDr. Monika Huraiová, PhD.

Study section

Compulsory courses

PriF-DSSZ-001	Dissertation 1 - supervisor	1/Z	5
PriF-DSSZ-002	Dissertation 2 - supervisor	1/L	5
PriF-DSSZ-003	Dissertation 3 - supervisor	2/Z	5
PriF-DSSZ-	Dissertation exam (including the elaboration of a written work for the dissertation exam) - supervisor	2/	15
N-DSSZ-016	Scientific English – B. Kordíková, T. Slovákova, M. J.Sabo	/	5

Compulsory optional courses

N-DGML-001	Crystal chemistry of silicate minerals - P. Bačík, P. Uher	1/Z	5
N-DGML-002	Crystal chemistry of non-silicate minerals - P. Bačík, P. Uher	1/Z	5
N-DGPL-001	Magmatic petrology - M. Huraiová, M. Ondrejka	1/Z	5
N-DGPL-002	Mineralogy of rocks - P. Uher, P. Bačík	1/Z	5
N-DGPL-005	Geochemistry of rocks - M. Ondrejka, M. Huraiová, K. Šarinová	1/L	5
N-DGPL-003	Metamorphic petrology - M. Putiš, O. Nemeč	1/L	5
N-DGPL-004	Sedimentary petrology - K. Šarinová	1/L	5
N-DGML-007	Mineralogy of the environment - P. Bačík	1/L	5

Optional courses

N-DGML-003	Gemology - P. Bačík, J. Fridrichová, P. Uher.	1/Z	3
NOVÝ	Volcanism - M. Huraiová, M. Ondrejka, K. Šarinová	1/Z	3
N-DGML-004	Seminar for PhD students - P. Uher	1/L	3
N-DGML-006	Laboratory methods in mineral reserach - P. Bačík, D. Ozdín	1/L	3
N-DGPL-007	Isotopic geology and geochronology - M. Ondrejka, M. Huraiová, O. Nemeč	1/L	3
N-DGPL-009	Genetic petrology - M. Huraiová, M. Ondrejka, M. Putiš	2/Z	3
N-DGML-005	Genetic mineralogy - P. Uher, M. Ondrejka, P. Koděra	2/Z	3
N-DSSZ-017	Writing Professional English - M. Sabo	1,2/Z	5
N-DSSZ-022	Slovak for foreign doctoral students 1 - K. Rózsova Wolfová	/	3
N-DSSZ-023	Slovak for foreign doctoral students 2 - K. Rózsova Wolfová	/	3
N-DSSZ-024	Slovak for foreign doctoral students 3 - K. Rózsova Wolfová	/	3

N-DSSZ-018	Professional Oral Communication - M. Sabo	1,2/Z	3
PriF-DSSZ-018	Writing Professional English - M. Sabo	1,2/L	5

Research section

Dissertation

PriF-DSSZ-004	Dissertation 4 - supervisor	2/L	5
PriF-DSSZ-005	Dissertation 5 - supervisor	3/Z	5
PriF-DSSZ-006	Dissertation 6 - supervisor	3/L	5
PriF-DSSZ-007	Dissertation 7 – supervisor	4/Z	5
PriF-DSSZ-	Oral defence of dissertation thesis (Dissertation 8) - supervisor	4/L	30

Research activity

PriF-DSSZ-109	Comenius University grant for young scientific researchers or its equivalent - supervisor	/L	12
PriF-DSSZ-120	A scientific monograph or an equivalent scientific study issued by a foreign publisher - supervisor	/	30
PriF-DSSZ-121	A scientific monograph or an equivalent scientific study issued by a Slovak publisher - supervisor	/	20
PriF-DSSZ-122	A chapter in a scientific monograph issued by a foreign publisher - supervisor	/	14
PriF-DSSZ-123	A chapter in a scientific monograph issued by a Slovak publisher - supervisor	/	10
PriF-DSSZ-124	A publication in a peer-reviewed scientific journal - supervisor	/	28
PriF-DSSZ-135	A scientific paper in foreign journals registered in the Web of Science or SCOPUS databases - supervisor	/	19
PriF-DSSZ-136	A scientific paper in Slovak journals registered in the Web of Science or SCOPUS databases - supervisor	/	15
PriF-DSSZ-125	A publication in a foreign peer-reviewed, non current contents journal - supervisor	/	14
PriF-DSSZ-126	A publication in a Slovak peer-reviewed, non current contents journal - supervisor	/	10
PriF-DSSZ-127	A scientific paper in a peer-reviewed foreign collective volume or a monograph - supervisor	/	8
PriF-DSSZ-128	A scientific paper in a peer-reviewed Slovak collective volume or monograph - supervisor	/	6
PriF-DSSZ-129	An abstract for a conference abroad - supervisor	/	4
PriF-DSSZ-130	An abstract for a Slovak hosted conference - supervisor	/	3
PriF-DSSZ-131	Copyright certificates, patents and findings - supervisor	/	10
PriF-DSSZ-132	A citation in a publication registered in the Web of Science citation indices and in the SCOPUS databale - supervisor	/	4
PriF-DSSZ-133	A citation in a foreign publication, unregistered in citation indices - supervisor	/	3
PriF-DSSZ-134	A citation in a Slovak publication, unregistered in citation indices - supervisor	/	2
PriF-DSSZ-110	Grant from the Faculty of Natural Sciences for doctoral students, Grant from the SAS or any equivalent of these two - supervisor	/L	8
PriF-DSSZ-119	Other activities - supervisor	1,2/	1

Other activities

PriF-DSSZ-214	The doctoral student's pedagogical activities – Huraiová	/		3
PriF-DSSZ-205	Supervision of Bachelor's work (qualifying thesis for the Bachelor's degree) - Huraiová	/L		6
PriF-DSSZ-206	Review of Bachelor's work (qualifying thesis for the Bachelor's degree) - Huraiová	/		2
PriF-DSSZ-207	Supervision of student's participation in the Students' Scientific Conference - Huraiová	/		4
PriF-DSSZ-211	Authorship in a university textbook and study texts - Huraiová	/		20
PriF-DSSZ-212	Authorship in a chapter in a university textbook and study texts - Huraiová	/		7
PriF-DSSZ-213	Internship abroad - Huraiová	/		7

Activity „The doctoral student's pedagogical activities“ is not mandatory.

State exam

Dissertation exam – compulsory

PriF-DGPL-311 Formal interview on dissertation thesis

Dissertation exam – compulsory optional

PriF-DGML-001	Crystal chemistry of silicate minerals	
PriF-DGML-002	Crystal chemistry of non-silicate minerals	
PriF-DGPL-312	Magmatic petrology	
PriF-DGPL-313	Metamorphic petrology	
PriF-DGPL-314	Sedimentary petrology	
PriF-DGPL-315	Mineralogy of rocks	
PriF-DGML-005	Gemology	
PriF-DGML-006	Genetic mineralogy	
PriF-DGML-007	Mineralogy of the environment	
PriF-DGPL-316	Geochemistry of rocks	

Mandatory selection of at least two subjects.

Oral defence of dissertation thesis

PriF-DSSZ-302 Oral defence of dissertation thesis

Credits (30) for defending a dissertation will be added to the doctoral student's total of 240 credits after a successful defense.

Explanations:

1. Code of the course
2. Course name + teacher
3. Recommended year of study + semester
4. Number of credits