

### Plan of the Bachelor's study programme "Geology" (full-time)

Course name	Name, surname of teaching staff	Volume in credit points	Type of examination	Plan					
				1 <sup>st</sup> year		2 <sup>nd</sup> year		3 <sup>rd</sup> year	
				Sem. 1	2	3	4	5	6
<b>Compulsory part, A</b>		74							
<b>Part A, the basic study module of UL</b>		10							
Valo1013 English I	lecturer Ilze Ruža	2	Exam	2					
Ķīmi1038 Chemistry for environmental and Earth sciences	assist. prof. Iveta Ancāne	3	Exam	3					
Ķīmi1059 Civil protection	lecturer Kristīne Parasiga-Parasiņa	1	Exam	1					
VidZ1032 Environment protection	assist. prof. Imants Kukuļs	1	Exam	1					
Fizi1010 Earth physics	teacher Tija Sīle	3	Exam		3				
Valo1A62 Latvian language for beginners I *	assist. prof. Inta Līsmāne	2	Exam	2*					
<b>Part A, Basic study module of geology</b>		50							
Ģeol1011 Introduction in bachelor studies in geology	researcher Jurijs Ješkins	2	Exam	2					
Ģeol1012 Geological field techniques	researcher Jurijs Ješkins	3	Exam	3					
Ģeol1008 Laboratory testing methods in geology	researcher Jurijs Ješkins, assoc. prof. Māris Krievāns, assist. prof. Aija Dēliņa	3	Exam	3					
SDSK1018 Earth sciences	assoc. prof. Ivars Strautnieks, cartograph. eng. Ingus Liepiņš	5	Exam	5					
Ģeol2021 Field course in Earth sciences	prof. Ervīns Lukševičs, assoc. prof. Ivars Strautnieks	3	Exam		3				
Ģeol2010 Minerals and rocks	assoc. prof. Ģirts Stinkulis	4	Exam		4				
Ģeol2006 Sedimentary processes and deposits	assoc. prof. Ģirts Stinkulis	4	Exam		4				
SDSK2053 Geochemistry	teacher Andis Kalvāns	4	Exam			4			

Ģeol2033 Palaeontology and stratigraphy	prof. Ervīns Lukševičs	4	Exam			4			
Ģeol2005 Structural geology	assist. prof. Jānis Karušs	4	Exam			4			
VidZ1008 Data analysis in environmental and geosciences	prof. Viesturs Melecis, assoc. prof. Iveta Šteinberga	4	Exam			4			
Ģeog1066 Introduction to spatial analysis in geology	assist. prof. Ineta Grīne, researcher Ivo Vinogradovs, researcher Jurijs Ješkis	4	Exam			4			
Ģeol2078 Quaternary geology	assoc. prof. Kristaps Lamsters, prof. Normunds Stivriņš	4	Exam				4		
ĢeolP069 Field course in regional geology	assist. prof. Jānis Karušs, assoc. prof. Ģirts Stinkulis	2	Exam				2		
Ģeol2003 Course thesis of geology	assoc. prof. Māris Krievāns	2	Defence				2		
ĢeolK000 Bachelor thesis draft	assoc. prof. Māris Krievāns	2	Defence					2	
Ģeol4110 Bachelor thesis	assoc. prof. Māris Krievāns, scientific supervisors of theses	10	Defence						10
<b>Restricted elective part (B)</b>		42							
<b>Part B, Module of bedrock and Quaternary geology</b>		14							
Ģeol2014 Ģeomorphology	assoc. prof. Kristaps Lamsters		Exam				4		
Ģeog1004 Ģeodesy	teacher Agnis Rečs, assist. prof. Aivars Markots		Exam				4		
VidZP083 Foundations of environmental science	researcher Jānis Šīre, assist. prof. Zanda Penēze, assist. prof. Inese Silamiķele, assist. prof. Kristīne Āboliņa		Exam				3		
Ģeol3004 Geology of Latvia	assoc. prof. Ģirts Stinkulis, assoc. prof. Kristaps Lamsters		Exam					4	
Ģeol2015 Evolution of the Earth	prof. Ervīns Lukševičs		Exam						2
<b>Part B, Module of applied geology</b>		22							
Ģeogr2026 Data processing in MicroStation	teacher Agnis Rečs		Exam				2		

Ģeog1030 Geographic Information System basics in ArcView	assist. prof. Ineta Grīne		Exam				2		
Ģeol3008 Hydrogeology	assist. prof. Aija Dēliņa, researcher Jānis Bikše		Exam					4	
Ģeol3007 Engineering geology	assoc. prof. Māris Krievāns		Exam					4	
Fizi3020 Geophysics	assist. prof. Jānis Karušs		Exam					4	
Ģeol3011 Applied studies in principles of geology	assoc. prof. Māris Krievāns		Exam					3	
Biol1000 Biology in the laboratory	lecturer Māris Lazdiņš		Exam					3	
VidZ3013 Assessment and management of resources	prof. Oļģerts Nikodemus, assist. prof.Zanda Penēze		Exam						4
Ģeol4003 Mineral resources geology	assoc. prof. Ģirts Stinkulis, teacher Viesturs Zandersons		Exam						4
Ģeol3019 Applied geology	assoc. prof. Māris Krievāns, assist. prof. Jānis Karušs		Exam						4
<b>Part B, Module of physical geography</b>		6							
Ģeog1060 Soil science	prof. Oļģerts Nikodemus, head of laboratory Linda Dobkeviča		Exam		3				
Ģeog2003 Hidroloģija	assist. prof. Jānis Lapinskis		Exam		3				
SDSK1079 Computer basics in geology	assist. prof. Ineta Grīne		Exam		3				
Ģeog1085 Climatology and basics of meteorology	prof. Agrita Briede		Exam		3				
<b>Free Elective part (C)</b>		4					2	2	
<b>Total credit points</b>			120	20	20	20	20	20	20

\* International students, who permanently study in the programme and do not have a proof of proficiency in the official language at the A1 level specified by the State Centre for Education of the Ministry of Education must complete the course "Basic Latvian Language Course" in accordance with the requirements of Section 56 of the Law on Higher Education Institutions.