



19.	Inorganic chemistry1	General Chemistry	5		5								
20.	Organic Chemistry 1	General Chemistry	5		5								
21.	Inorganic chemistry2	Inorganic chemistry1	5			5							
22.	Organic Chemistry 2	Organic Chemistry 1	5			5							
23.	Cellular and molecular Biology	Organic Chemistry 2	5				5						
24.	Biophysics	Cellular and molecular Biology ; English language B2.2	3					3					
25.	Microbiology	Cellular and molecular Biology	4					4					
26.	A general course in Botany	Cellular and molecular Biology	4					4					
27.	A general course in Zoology	Cellular and molecular Biology	4					4					
28.	Human Anatomy	Cellular and molecular Biology ; English language B2.2	4					4					
29.	Human Physiology	Human Anatomy ; Biophysics	4						4				
30.	Ecology	Without prerequisite	3						3				
31.	Genetics	Human Physiology	4							4			
32.	Biology of Development	Human Physiology	3							3			
33.	Evolution	Biology of Development	3								3		
<b>Optional courses of the subject/subject group - 9 credits</b>													
34.	Popular Chemistry	English language B2.2	3										
35.	Nanotechnologies	Without prerequisite	3										
36.	Applied Physics	Without prerequisite	3										
37.	Bases of Immunology	Without prerequisite	3										
											6 /3+3	3	



Mandatory study courses/components of school practice and practice research module - 60 credits													
60.	Innovative research methods in education	Without prerequisite	5							5			
61.	Practice-based research	Innovative research methods in education; English language B2.2	5								5		
62.	Diagnostic research and differentiated approach	Innovative research methods in education; English language B2.2	5									5	
63.	Pedagogical Practice 1	Physics teaching methodology 2; modern methods of teaching Chemistry; Problem-based and research-based teaching methods in Biology.	15									15	
64.	Pedagogical Practice 2	Pedagogical Practice 1	10									10	
65.	Master's thesis	I-IX semester subject/subject group and teacher training module training courses; diagnostic research and differentiated approach; Pedagogical practice 1.	20									20	
<b>Optional study course of the free component -18 credits</b>				<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0</b>
66	Introduction to Informatics	Without prerequisite	5		5				5				
67	Introduction to web technologies	Computer skills	5		5				5				
68	General Astronomy	Without prerequisite	5		5				5				
69	Database management systemMs SQL Server	Computer skills	5		5				5				
70	The role of the educational program in the formation of the student	Without prerequisite	4								4	4	
71	Knowledge and value education	Without prerequisite	5		5				5				
72	Methodology of teaching natural science	Class assessment	4								4	4	
73	The art of debate	Without prerequisite	4								4	4	
74	English language A1	Without prerequisite	5	5 <sup>1</sup>									
75	English language A2	English language A1	5		5								

<sup>1</sup> see. Note

Credits distribution according to semesters	30	30	30	30	30	30	30	30	30	30
<b>Total</b>	<b>300 ECTS</b>									

**Note:**

1. Confirmation of knowlegde of English language at the B2 level or achievement within the program is mandatory. The student confirms the level of knowledge of the English language in accordance with the "Rule for determining the language competence of a student of European University";

2. Within the framework of the program, the student starts learning English from the level confirmed by the "Rules for determining the language competence of a student of European University". In case the student cannot prove his/her knowledge of the English language at the A2 level, he/she starts studying the English language within the program from the appropriate level confirmed according to the mentioned rule (English language A1 / English language A2). The levels required to start at the B1.1 level of English (English language A1 / English language A2) are chosen by the student from the optional courses of the free component provided by the program;

3. In case the student confirms his/her knowledge of the English language at the B2 level in accordance with the "Rule for determining the language competence of a student of European university , he/she is exempted from the acquisition of the English language component and acquires the credits (20 credits) of the main field of study with optional courses or free credits. Whether the level confirmed by the student is higher than the initial level defined by the program (B1.1), the student fills up the volume of remaining credits with optional courses or free credits of the main field of study.