



# Double Major Program Proposal Form

## Part I. Program Information

Program Title	Chemistry- Molecular Biology and Genetics Double Major Program				
First Major Faculty / School	Arts and Sciences	Department	Chemistry	Program Code	43
Second Major Faculty/School	Arts and Sciences	Department	Biological Sciences	Program Code	4J

Academic year of the first implementation	2021-2022	Expected number of students in the program	5
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## Part II. Additional Courses for Second Major

Semester	Ref Code	Course Code	Full Course Title	Course Category	Credit				Pre-req.	ECTS
					Lec.	Lab.	Tut.	Total		
3	4J733	BIOL211	Molecular Cell Biology I	AC	3	3	0	4		6
4	4J743	BIOL212	Molecular Cell Biology II	AC	3	3	0	4	BIOL211	7
4	4J744	BIOL216	Molecular and Cellular Physiology	AC	3	3	0	4		6
5	4J751	BIOL311	Molecular Genetics	AC	3	3	0	4	BIOL211	8
6	4J761	BIOL312	Bioinformatics and Computational Biology	AC	3	0	1	3		6
6	4J762	BIOL317	Neurogenetics	AC	3	0	0	3		7
7	4J771	BIOL411	Molecular Evolution	AC	3	0	1	3		6
7	4J772	BIOL413	Developmental Biology	AC	3	3	0	4		6
7	4J773	BIOL415	Genomics and Proteomics	AC	3	1	0	3		7
7	4J774	BIOL417	Microbiology	AC	3	3	0	4		6
8	4J781	BIOL412	Immunology	AC	3	3	0	4		6
8	4J782	BIOL414	System Biology	AC	3	0	1	3		6
<b>Total Credits (a minimum of 36 is required)</b>					<b>43</b>					
<b>Total ECTS</b>					<b>77</b>					