

## COURSE PROGRAMME

1.	Field of study	<b>Biotechnology</b>
2.	Academic year of entry	2018/2019 (winter term) <i>The number and date of a Faculty Council's resolution: 86/2018 (12.07.2018 r.)</i>
3.	Level of qualifications/degree	first-cycle studies
4.	Degree profile	general academic
5.	Mode of study	full-time
6.	ISCED code	0512 (Biochemistry)

### Learning outcomes

7.	Description of learning outcomes	Attachment no. 1
8.	Model learning outcomes	

### Programme of study

9.	Connection between the field of study and university development strategy, including the university mission	
10.	Number of semesters	6
11.	Degree	licencjat (Bachelor's Degree)
12.	Area (or areas - for joint or interdisciplinary studies) of education to which the programme is assigned and the leading discipline of art or science for the POL-on system	natural sciences [biotechnology]
13.	Areas, fields and disciplines of art or science to which the learning outcomes of the field of study are related, indicating the <b>percentage</b> shares in which the programme of study refer to the various fields of science	<ul style="list-style-type: none"> <li>• natural sciences             <ul style="list-style-type: none"> <li>• biological sciences - 100%</li> <li>• biotechnology</li> </ul> </li> </ul>
14.	Specializations	
15.	Number of ECTS credits required to achieve the qualification equivalent to the level of study	180
16.	Percentage of the ECTS credits for each of the areas to which the learning outcomes are related to the	natural sciences - 100%

	total number of ECTS credits	
17.	Percentage of the ECTS credits for optional modules in relation to the total number of ECTS credits	28%
18.	Total number of ECTS credits that a student must obtain in the modules taught	180
19.	Number of ECTS credits that a student must obtain in modules from humanities or social science areas of education (not less than 5 ECTS) - in the case of fields of study assigned to areas other than, respectively, the humanistic or social studies	5
20.	Modules description (including learning outcomes, number of ECTS credits and assessment methods of the learning outcomes)	Attachment no. 2
21.	Course structure	Attachment no. 3
22.	Graduation requirements for a particular specialization	
23.	Organization of the process of obtaining a degree	
24.	Internships (hours and conditions) in the case of practical programmes and in general university programme - if such requires internship	
25.	Total number of ECTS credits that a student must obtain in internships	4
26.	Number of ECTS credits - higher than 50% of the total number of credits - that a student must obtain: <ul style="list-style-type: none"> <li>• in general university programmes within a module connected with research carried out in the area to develop his/her knowledge and research skills;</li> <li>• in practical programmes within a module connected with vocational preparation to allow a student to develop practical and social skills</li> </ul>	94

27.	Minimum staff resources and staff to student ratio	Attachment minimum staff
-----	--	--------------------------

**Additional information**

28.	General description of the programme	
29.	General description of the specialization	
30.	Learning outcomes coverage matrix	Attachment no. 4

.....

(pieczęć i podpis Dziekana)