

## COURSE PROGRAMME

1. Field of study	<b>Chemistry</b>
2. Academic year of entry	2017/2018 (winter term) <i>The number and date of a Faculty Council's resolution: 65 (20.06.2017 r.)</i>
3. Level of qualifications/degree	first-cycle studies
4. Degree profile	general academic
5. Mode of study	full-time
6. ISCED code	0531 (Chemistry)

### 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	science studies [chemistry]
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>• science studies             <ul style="list-style-type: none"> <li>• chemical sciences - 100%                 <ul style="list-style-type: none"> <li>• chemistry</li> </ul> </li> </ul> </li> </ul>
14. Specializations	Applied Chemistry Computer Chemistry Environmental Chemistry Medicinal Chemistry
15. Number of ECTS credits required to achieve the qualification equivalent to the level of study	Applied Chemistry: 180, Computer Chemistry: 180, Environmental Chemistry: 180,

		Medicinal Chemistry: 180
16.	Percentage of the ECTS credits for each of the areas to which the learning outcomes are related to the total number of ECTS credits	<u>Applied Chemistry</u> science studies - 100%  <u>Computer Chemistry</u> science studies - 100%  <u>Environmental Chemistry</u> science studies - 100%  <u>Medicinal Chemistry</u> science studies - 100%
17.	Percentage of the ECTS credits for optional modules in relation to the total number of ECTS credits	Applied Chemistry: 36%, Computer Chemistry: 36%, Environmental Chemistry: 36%, Medicinal Chemistry: 36%
18.	Total number of ECTS credits that a student must obtain in the modules taught	Applied Chemistry: 176, Computer Chemistry: 176, Environmental Chemistry: 176, Medicinal Chemistry: 176
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	Applied Chemistry: 6, Computer Chemistry: 6, Environmental Chemistry: 6, Medicinal Chemistry: 6
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	<u>Applied Chemistry</u>  <u>Computer Chemistry</u>  <u>Environmental Chemistry</u>  <u>Medicinal Chemistry</u>

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	Applied Chemistry: 4, Computer Chemistry: 4, Environmental Chemistry: 4, Medicinal Chemistry: 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>	Applied Chemistry: 122, Computer Chemistry: 122, Environmental Chemistry: 122, Medicinal Chemistry: 122
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	<u>Applied Chemistry</u>  <u>Computer Chemistry</u>  <u>Environmental Chemistry</u>  <u>Medicinal Chemistry</u>

30. Learning outcomes coverage matrix	Attachment no. 4
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(pieczęć i podpis Dziekana)