

**1<sup>st</sup> year**

Obligatory classes						
Teaching module	Subject	USOS code of subject	Form of classes <sup>1</sup>	Form of credit <sup>2</sup>	Teaching hours	Number of ECTS credits
Teaching module which includes classes developing professional skills of a researcher.	Safety and health elements	9001-BHP-16	Lecture	E	5	1
Teaching module which includes classes developing teaching skills. Teaching module which includes classes developing professional skills of a researcher.	Modern techniques of teaching: teaching chemistry	0600-S3-DSC-EN-NTPZDNCh	Lecture, practice, individual work	E	30	5
Teaching module which includes classes to prepare for doctoral examination of modern foreign language.	Foreign language course (to be chosen)	4100-7Z-EN-030-Z, 4100-7Z-EN-015-L	Practice	Z (doctoral examination)	45	3
Teaching module covering classes of a detailed nature in the learning field in which doctoral studies are conducted.	Doctoral seminar	0600-S3-DSC-EN-SN	Seminar	Z	30	1
Teaching module which includes classes developing teaching skills. Professional training.	Participation in teaching classes		Laboratory	Z	30	0
<b>Total:</b>					<b>140</b>	<b>10</b>

Optional classes						
Teaching module covering classes of a fundamental nature in the learning field in which doctoral studies are conducted.	Optional subjects (to be chosen from the available list)		Lecture	E	15	3
Teaching module covering classes of a detailed nature in the learning field in which doctoral studies are conducted.	Optional subjects (to be chosen from the available list)		Lecture	E	15	3
<b>Total:</b>					<b>30</b>	<b>6</b>
<b>Total number of teaching hours and ECTS credits for optional and obligatory classes:</b>					<b>170</b>	<b>16</b>

<sup>1</sup>The form of classes in particular subjects/modules have to be in accordance with the NCU regulations on the principles of determining the scope of the academic teachers responsibilities and the rules of didactic hours calculating.

<sup>2</sup> Z – credit with a grade, E – exam with a grade.