

COURSE DESCRIPTOR

№	Course Descriptor	Total hours	Classroom work, hours				Independent work of students, hours						
			Total hours	Lectures	Workshops (seminars)	Labs	Total hours	Self-study of the material	Preparation for workshops (seminars)	Preparation for labs	Preparation for assessment	Independent extracurricular tasks	
1	2		3	4	5	6	7	8	9	10	11	12	13
full-time course													
1	History and essence of scientific knowledge		2.5	2	0	2	0	0.5	0	0.5	0	0	0
2	The structure of scientific research		2.5	2	0	2	0	0.5	0	0.5	0	0	0
3	Methods of scientific research		2.5	2	0	2	0	0.5	0	0.5	0	0	0
4	Criteria for evaluating the methodological quality of research.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
5	Ethics of scientific medical research and academic integrity		2.5	2	0	2	0	0.5	0	0.5	0	0	0
6	Scientific research in clinical practice.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
7	Basics of biosafety of scientific research.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
8	Basics of microscopy		2.5	2	0	2	0	0.5	0	0.5	0	0	0
9	Basic methods of biological tissue research: histology		2.5	2	0	2	0	0.5	0	0.5	0	0	0
10	Basic methods of biological tissue research: histochemistry		2.5	2	0	2	0	0.5	0	0.5	0	0	0
11	Basic methods of biological tissue research: immunohistochemistry.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
12	Basic methods of researching biological samples: cytology.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
13	General ideas about molecular biological research methods.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
14	Statistical methods in scientific research.		2.5	2	0	2	0	0.5	0	0.5	0	0	0
15	Publication of scientific results		2.5	2	0	2	0	0.5	0	0.5	0	0	0
16	Funding of scientific research		2.5	2	0	2	0	0.5	0	0.5	0	0	0
17	Scientific career in Ukraine and the world.		2.5	2	0	2	0	0.5	0	0.5	0	0	0

1	2	3	4	5	6	7	8	9	10	11	12	13
18	Module	2.5	2	0	2	0	0.5	0	0.5	0	0	0
Assesment												
1	Graded Credit	6	0	0	0	0	6	0	0	0	6	0
Independent extracurricular tasks												
1	extracurricular tasks	39	0	0	0	0	39	0	0	0	0	39
<i>Total (full-time course)</i>		<i>90</i>	<i>36</i>	<i>0</i>	<i>36</i>	<i>0</i>	<i>54</i>	<i>0</i>	<i>9</i>	<i>0</i>	<i>6</i>	<i>39</i>