

## II. EDUCATIONAL COMPONENT

Curriculum of the postgraduate program 1.3.6. Optics (103-01/02-01-136-phms)

Stages of Mastering the Educational Component of the Postgraduate Program	Course (year of study)	Total labor intensity, hours/credits	Contact work, hour	Independent work, hour	Form of intermediate certification	
<b>1</b>	<b>Disciplines (modules) aimed at preparing for candidate exams</b>					
1.1	History and philosophy of science	1	108/3	102	6	Admission to the candidate exam
1.2	Foreign language	1	108/3	72	36	Admission to the candidate exam
1.3	Speciality	3	108/3	54	54	Admission to the candidate exam
<b>2</b>	<b>Compulsory Disciplines (modules)</b>					
2.1	General university discipline*	1	36/1	20	16	Credit
2.2	General scientific course "Fundamentals of organization of scientific work"	1	72/2	42	30	Credit
<b>3</b>	<b>PhD exams</b>					
3.1	History and philosophy of science	1	36/1	6	30	candidate exam
3.2	Foreign language	1	36/1	6	30	candidate exam
3.3	Speciality	3	36/1	6	30	candidate exam
<b>TOTAL</b>			<b>540/15</b>	<b>308</b>	<b>232</b>	

\* The system of state training and certification of scientific and pedagogical personnel in Russia (opportunities, rights and obligations of graduate students).