

VO I	Engineering Materials Science	1				5	150	36	18		96
VO II	Physics of Strength and Destruction		1			3	90	18		18	54
VO III	Choice and Computer Design of Materials	1				4	120	28		26	66
VO IV	Fundamentals of Theory and Technology of Refractory and Composite Materials	1				3.5	105	28		8	69
VO V	Scientific Foundations for the Creation of Nanomaterials	2				3	90	28		8	54
VO VI	Phase equilibria and phase transformations	3				5	150	36	18		96
Research (scientific) component											
VO VII	Scientific work on the topic of master's dissertation 1. Fundamentals of Scientific Research 2. Scientific Research 3. Research work on the topic of master's dissertation		1,2,3			13	390	8	36	136	210
VO VIII	Coursework on the discipline Scientific work on the topic of master's dissertation		2		2	1	30				30
VO IX	Scientific and Research Practice		4			9	270				270
VO X	Completion of a Master's Thesis					17	510				510
total number of part I.3		5	6		1	63.5	1905	182	72	196	1455
TOTAL IN GENERAL TRAINING		6	13		1	86	2580	326	288	232	1734
2. Optional educational components											
2.1. Vocational training cycle (Optional subjects from Faculty catalogue)											
PV I	Educational Component of 1 F - Catalog		2			5	150	36		18	96
PV II	Educational Component of 2 F - Catalog	2				5	150	36		18	96
PV III	Educational Component of 3 F - Catalog		2			4	120	36	18		66
PV IV	Educational Component of 4 F - Catalog	2				5	150	36		18	96
PV V	Educational Component of 5 F - Catalog		2			4	120	18		18	84
PV VI	Educational Component of 6 F - Catalog	3				5	150	36	18		96
PV VII	Educational Component of 7 F - Catalog		3			3	90	18		18	54
PV VIII	Educational Component of 8 F - Catalog		3			3	90	18		18	54
total number of part II.1		3	5	0	0	34	1020	234	36	108	642
TOTAL IN VOCATIONAL TRAINING		3	5	0	0	34	1020	234	36	108	642
TOTAL		9	18	0	1	120	3600	560	324	340	2376

Approved by University Academic Council, Meeting protocol № 3 from 15.03.2021

Head of the Department _____ / Yuriy BOGOMOL /

Director of the Institute _____ / Yuriy SIDORENKO/