

«APPROVED»
 Head of department
 «High-temperature materials and
 powder metallurgy»
 _____ Stepanchuk A. N.
 “ ” _____ 2015

**Individual learning plan
 1-st year**

The theme of work: **Effect of chemical composition and process parameters of
 obtaining on the structure and properties of composite materials systems
 TiAl - B₄C**

№	Name of disciplines and types of work	Reporting form	The mark of the supervisor
1	According to the working plan	According to the working plan	
Work on the thesis			
2	<u>Theoretical work:</u> 1. Patent information search on the topic of the thesis 2. Writing a literature review.	The literature review meeting the requirements	
3	<u>Experimental work:</u> 1. Development of techniques for the preparation of intermetallic powders and composite materials on their basis. 2. Carrying out experimental research on the production of the intermetallic compound TiAl, determination of optimal technological parameters for the synthesis of chemical homogeneity of the final product.	1. Description of the methods 2. Research report	

Scientific adviser _____ / Ph. D. assistant Sysoyev M./
 “ ” _____ 2015.

Undergraduate _____ /Hubay I./
 “ ” _____ 2015