

**National Technical University of Ukraine**

**"Kyiv Polytechnic Institute"**

Department of Machines and Apparatus for Chemical and Oil Refining Production

**A P P R O V E D**

Head of Department of  
Machines and Apparatus for Chemical and  
Oil Refining Production

\_\_\_\_\_ Y.M. Korniyenko

16 September 2015

## **INDIVIDUAL STUDY PLAN**

**specialty** 8.05050315 “Equipment of Chemical Production and Building Material Plants”

**specialization** “Machines and Apparatus for Chemical and Oil Refining Production”

**Group LN-41m**

**Kurinovskyi Olexandr Volodymyrovych  
for 2015/2016 academic year**

Scientific advisor: Professor at the Department of Machines and Apparatus for Chemical and Oil Refining Production , Doctor of Engineering Sciences Y. M. Korniyenko

Theme of Master Thesis:

“The process of formation of organo-mineral fertilizers humic”

Kyiv 2015

## Implementation of curriculum for a Master degree

<i>№</i>	<i>Course</i>	<i>ECTS credits (hours)</i>	<i>Reporting form</i>	<i>Note</i>
<b>Autumn semester</b>				
1.	Patenting and Copyright	2	Credit	
2.	Philosophical Principles of Scientific Cognition	1,5	Credit	
3.	Fundamentals of Sustainable Development of Society	2	Credit	
4.	Mathematical Methods of Optimization	4	Exam	
5.	Mathematical Modeling of Systems and Processes	4	Exam	
6.	Foreign Language for Specific Purposes - 2	1,5	Credit	
7.	Transfer Processes white Equipping of Chemical Manufactures-2. Design of processes of transfer	3	Exam	
8.	Academic Year Project within the Subject -3: Processes of oil-processing productions	1	Course work	
9.	Manufacturing Technology, Reliability and Durability -2. Reliability and longevity of equipment of chemical productions	3	Graded credit	
10.	Theory of the Experiment and Measurement Techniques	3	Exam	
11.	Computer Design of Chemical Engineering Complexes	5	Credit	
<b>Spring semester</b>				
1.	Scientific-research Practice		Graded credit	

## Research work

1.	Processing and synthesis of the research results of the process of formation of organic-mineral fertilizers humic	Subdivision of dissertation.	24.09.15
2.	Preparation of materials with the results of researches to the publication of the article in professional editions and to the publication of theses of lectures and participating in a conference	Theses of lecture. The article is in professional edition.	13.11.15
3.	Clarification of the provisions mathematical model of the process of formation of organic-mineral fertilizers humic	Subdivision of dissertation.	26.01.16
4.	Conclusions and recommendations are in relation to constructing of vehicle.	Subdivision of dissertation.	21.02.16
5.	Development of construction device.	Subdivision of dissertation.	23.04.16
6.	Previous defence of dissertation work of master's degree. Preparation of materials with the results of researches to the publication of these of lectures and participating in a conference.	Theses of lecture.	12.04.16
7.	Registration of dissertation of master's degree and her preparation are to defence.		28.05.16

## III Pedagogical and educational work

1.	Assistance in SRWS for section " Processes and apparatus for chemical and oil refining production "	Report	During study
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Scientific advisor:

Head of Department of

Machines and Apparatus for Chemical and

Oil Refining Production, D. Engr.

Y.M. Korniyenko

Master student

O. V. Kurinovskiyi

Approved at the Department of

Machines and Apparatus for Chemical and

Oil Refining Production meeting

Protocol № 2 from 16 September 2015