Educational Establishment
«The Grodno State Agrarian University»

NATIONAL ECONOMICS PREDICTION

1-25 80 01 «Economics»

2019 г.

The curriculum is based on:

Типовой учебный план по специальности 1-258001 «Экономика», утвержден первым заместителем министра образования Республики Беларусь И.А. Старовойтовой от 21.03.2019 г., рег. № Е 25-2-001/пр-тип

Prepared by:
Candidate of Historical Sciences, Associate Professor Hanchar A.I.

Reviewers:
Platonenko E.I. – head of the department of finance and accounting "Yanka Kupala State University of Grodno", candidate of economic sciences, associate professor.
Wysokomornyi V.I. – associate Professor of the Department of agriculture of "Grodno state agrarian University", candidate of agricultural Sciences, associate Professor;

Examined and approved for the publishing in the meeting of the department of economic theory, the report № 1 from 02.10.2019.

It is approved and recommended to the statement by methodical council of Educational Establishment «Grodno State Agrarian University» from 25.09.2019, the report № 1.

1.1 The urgency the course of study.

Progressive development of the national economy involves improving the efficiency of economic entities, which is possible only in the conditions of their optimal economic decisions. The discipline "National Economics prediction" is aimed at solving these problems, because it studies the patterns of economic behavior of market participants, as well as the conditions that determine this behavior in relation to business practice. Knowledge of this discipline will allow a better understanding of the most important functional relationships between economic variables and successfully solve practical problems in a changing environment.

The discipline "National Economics prediction" is directly based on "Microeconomic analysis and Policy", "Macroeconomic analysis and Policy" which is the basis for its study. It is also associated with such disciplines as "Higher mathematics", "Quantitative methods of analysis in Agro-Industrial Complex", "Modeling and optimization of business processes in Agro-Industrial Complex", "Technologies of data intellectual analysis".

"National Economics prediction" is the basis for further study of the discipline "Investment and innovation management".

1.2 The Purpose and objectives of the discipline.

The purpose of the discipline – the further development of economic thinking of undergraduates in the field of microanalysis, the development of skills of analysis of specific microeconomic phenomena, the formation of the ability to apply theoretical knowledge in the process of making management decisions.

Objectives of the study of the discipline:
- forms and features of predicting and planning;
- methods for predicting and planning socio-economic processes:
- features of macroeconomic, regional and industry predicting and planning;
- planned and forecast calculations for various areas of socio-economic development of the country;
- analysis of the results of predictive calculations and determining the degree of their reliability, development of recommendations for achieving goals.

As a result of studying the discipline the student must
know:
- analyze the structure and characteristics of specific markets;
- correctly assess the changes occurring in market structures and their economic consequences;
- study and predict the impact of economic agents on the market situation;
- to analyze the processes taking place in the market structures of the Republic of Belarus and abroad;
- to summarize the experience of developed countries in the field of regulation of microeconomic processes and use this knowledge to develop practical recommendations for improving their state regulation;

- use the acquired knowledge to make optimal market decisions.

have skills:

- master the methods of predicting and planning socio-economic processes:

- to study the features of macroeconomic, regional and sectoral predicting and planning:

- to acquire skills in conducting planned and forecast calculations in various areas of socio-economic development of the country, be able to analyze the results of forecast calculations and determine the degree of their reliability, develop recommendations for achieving goals.

1.3 Requirements for the level of development of the content of the discipline.

The study of the discipline "National Economics prediction" will contribute to the formation of the following academic competencies:

– AC-1. Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems;

– AC-2. Be proficient in system and comparative analysis;

– AC-3. Possess research skills;

– AC-6. Have an interdisciplinary approach to problem solving;

– AC-7. Have skills related to the use of technical devices, information management and computer work;

– AC-9. Be able to learn, improve their skills throughout life.

The specialist should:

– SLC-1. Have the qualities of citizenship;

– SLC-2. Be capable of social interaction;

– SLC-3. Have the ability to interpersonal communications.

A specialist should be able to:

– CPC-1. To analyze the behavior of economic entities in the conditions of different types of economic structures, to study and develop the market strategy of the organization, to assess the consequences of the state microeconomic policy;

– AC-4. To use fundamental economic knowledge in professional activity.

1.4 Structure of the content of the discipline.

The content of the discipline is presented in the form of topics that are characterized by relatively independent enlarged didactic units of teaching content. The content of the topics is based on the previously acquired competence of students in the study of disciplines "Microeconomic analysis and Policy", "Macroeconomic analysis and Policy", "Higher mathematics", "Quantitative methods of analysis in Agro-Industrial Complex", "Modeling and optimization of business processes in Agro-Industrial Complex", "Technologies of data intellectual analysis" and other disciplines.

1.5 teaching Methods (technologies).

The main methods (technology) training that meets the learning objectives of discipline are: elements of problem-based learning (problem statement, variable statement, partially-search method) implemented in the lectures; elements of teaching and research activities, implementation of creative approaches during the practical work; design technology used in the design of specific projects implemented during practical work.

1.6 Organization of independent work of students.

In the study of discipline the following forms of independent work: independent work is controlled (CEB) for the study of history of economic doctrines during the practical training under the supervision of a teacher in accordance with the schedule; guided independent work, including the implementation of individual tasks with the consultation of the teacher; preparation of papers on individual topics, including the use of patent materials.

1.7 Diagnosis competence of the student.

The criteria approved by the Ministry of education of the Republic of Belarus are used to assess the educational achievements of undergraduates.

Evaluation of intermediate educational achievements of undergraduates is carried out in accordance with the chosen Department scale of assessments.

To assess the achievements of undergraduates, the following diagnostic tools are used (competencies are checked):

- speech of the undergraduate at the conference on the prepared abstract (AC-1, AC-3, AC-4, SLC-1, SLC-2, PC-9);

- conducting ongoing control surveys on selected topics (PC-1, PC-8);

- protection of individual tasks performed in practical classes (AC-3, SLC-1, PC-1, PC-4-PC-8);

- protection of individual tasks performed within the framework of controlled independent work (AC-1, AC-3, AC-5, SLC-1, PC-1, PC-4-PC-8);

- passing the exam on the discipline (AC-1, AC-4, PC-3, PC-9).

In accordance with the curricula for postgraduate specialty 1-25 80 01 "Economics", specialization "Agricultural Economics and economic policy" (app. 21.03.2019 G., reg. No. e 25-2-001/PR-type.) full-time students at studying of discipline allocated 108 hours, one classroom for full – time 36 hours (18 h lectures, 18 h seminars). Form of current control – exam.

THE CONTENTS OF EDUCATIONAL MATERIAL

Theme 1. Predicting in the system of public administration of economic development.

The nature and content of predicting processes. Predicting as a function of the state and business entities. Types of forecasts. Reliability of forecasts and their verification.

The historical aspect of the development of predicting.

Theme 2. Methodology of predicting organization.

The concept and scientific basis of the methodology. Fundamental principles of predicting. The system of forecast plans and their indicators.

The system of predicting methods. Individual methods of expert evaluations. Collective peer review methods. The main stages of a collective examination. Assessing the coherence of expert opinions.

Features and main stages of the implementation of formalized predicting methods. Characterization of extrapolation methods. Mathematical modeling of socio-economic processes. The method of economic analysis. Balance, regulatory and program-targeted methods.

Theme 3. Predicting the rate of economic growth and the structure of the national economy.

The economic growth. Factors and problems of economic growth. Macroeconomic goals, indicators and accounts. Methods of measuring and predicting GDP. The formation of the structure of the economy.

Theme 4. State regulation and predicting of prices, inflation, finance.

The essence and features of state pricing policy.

Predicting and price planning methods.

Measurement and predicting of inflation. Management of inflationary processes.

Methods of predicting finance. The state budget, its predicting. Predicting the balance of payments and exchange rate.

Theme 5. Prediction of social development.

Predicting labor, employment and unemployment.

Social norms and standards. The system of social standards. Predicting and regulation of incomes and expenditures of the population.

Theme 6. Consumer market predicting.

Consumer market, its main elements.

Methods for predicting the demand for consumer goods. Predicting purchasing funds and commodity resources.

The formation of the structure of trade.

Theme 7. Predicting investment, innovation and foreign economic relations.

Scientific and technological progress and innovation policy.

Prediction of the development of scientific and technological progress and innovation.

Investments and investment policy. Prediction of investments. Predicting investment performance.

Foreign economic relations and their forms. Predicting the development of foreign economic activity. Determining the effectiveness of foreign economic activity.

Theme 8. Predicting the development of branches of material production.

Industrial complex, features of predicting and planning for its development.
Prediction of the development of agriculture.
Prediction of the development of construction.
Predicting the development of transport, communications and computer science.

Theme 9. Predicting the development of regions and environmental activities.

The essence and features of regional policy.
Prediction of regional development. System of environmental and economic predicting.

MAP OF THE COURSE

Number of section, theme, lessons	The name of section, employment theme; the list of studied questions	Hours in total	The quantity of classroom hours				Quantity of the hours allocated on CIW of students (including the hours allocated for a term paper)	Material provision of employment (evident, methodical benefits, etc.)	Literature	The form of the control of knowledge
			lectures	Practical (seminar) lessons	Laboratory lessons	Controllable independent work of the student				
1	**Predicting in the system of public administration of economic development.**	12	2	2		-	8	Computer presentation, methodical instructions of department (comprehensive plans of seminar employment).	1-8	Interview, testing
2	**Methodology of predicting organization.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	2–12	Interview, testing
3	**Predicting the rate of economic growth and the structure of the national economy.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	7–9, 16-21	Interview, testing
4	**State regulation and predicting of prices, inflation, finance.**	12	2	2		-	8	Computer presentation, methodical	1–3	Interview, testing

№	Topic									
								instructions of department.		
5	**Prediction of social development.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	1–8, 14-18	Interview, testing
6	**Consumer market predicting.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	11–19	Interview, testing
7	**Predicting investment, innovation and foreign economic relations.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	3–4	Interview, testing
8	**Predicting the development of branches of material production.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	4–5, 14-19	Interview, testing
9	**Predicting the development of regions and environmental activities.**	12	2	2		-	8	Computer presentation, methodical instructions of department.	2–6	Interview, testing
	Preparation for credit	–	–	–	–	–	–			
	Total	**108**	**18**	**18**		**–**	**72**			

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INFORMATION PART

Legislative and regulatory acts:

1. Конституция Республики Беларусь 1994 года (с изменениями и дополнениями, принятыми на республиканских референдумах 24 ноября 1996 года и 17 октября 2004 года). – 3-е изд., стер. – Минск: Национальный центр правовой информации Республики Беларусь, 2008. – 64 с.

2. Гражданский кодекс Республики Беларусь: [принят Палатой представителей 28 окт. 1998 г.: одобрен Советом Республики 19 нояб. 1998 г.]: с изменениями и дополнениями по сост. на 1 сент. 2008 г. – 6-е изд., с изм. и доп. – Минск: Национальный центр правовой информации Республики Беларусь, 2008. – 653 с.

3. Национальная стратегия устойчивого социально-экономического развития Республики Беларусь на период до 2030 г. / Одобрена на заседании Президиума Совета министров Республики Беларусь от 2 мая 2017 г., № 10.

Basic literature:

4. Прогнозирование и планирование социально-экономических процессов: учебное пособие / З.Н. Козловская, О.Б. Хорошко. – Минск : МИТСО, 2019. – 225 с.

5. Макроэкономическое планирование и прогнозирование: учебник для студентов высших учебных заведений, обучающихся по направлению подготовки «Экономика» / А. Н. Сёмин [и др.]. – Москва : КноРус, 2016. – 308 с.

6. Прогнозирование, стратегическое планирование и национальное программирование: учебник / Б.Н. Кузык, В.И. Кушлин, Ю.В. Яковец. – 4-е изд., переработанное и дополненное. – Москва : Экономика, печ. 2010 (макет 2011). – 603, [1] с.

7. Басовский, Л.Е. Прогнозирование и планирование в условиях рынка: учеб. пособие / Л. Е. Басовский. – М.: Инфра-М, 2010. – 258 с.

8. Кузык, Б.Н. Прогнозирование, стратегическое планирование и национальное программирование: учебник / Б.Н. Кузык, В.И. Кушлин, Ю.В. Яковец. – М.: Экономика, 2009. – 590 с.

9. Прогнозирование и планирование экономики. Практикум: учеб. пособие В. И. Борисевич [и др.]. – Минск: Экоперспектива, 2008. – 150 с

10. Касперович, С.А. Прогнозирование и планирование экономики: курс лекций / С.А. Касперович. – Минск: БГТУ, 2007. – 166 с.

11. Владимирова, Л.П. Прогнозирование и планирование в условиях рынка: учеб. пособие / Л.П. Владимирова. – М.: Дашков и К, 2006. – 398 с.

12. Асчук, В.А. Прогнозирование в бизнесе, менеджменте и маркетинге / В.А. Асчук. – СПб.: Изд-во Михайлова В.А., 2005. – 488 с.

13. Прогнозирование и планирование экономики: учебник Г. А. Кандаурова [и др.]; под общ. ред. Г.А. Кандауровой, В.И. Бори-севича. –Минск: Современная школа, 2005. – 476 с.

14. Егоров, В.В. Прогнозирование национальной экономики: учеб. пособие / В.В.Егоров, Г.А. Парсаданов. – М.: Высшая школа, 2002. – 304 с.

Additional literature:

15. Макроэкономическое планирование и прогнозирование: учебник для студентов высших учебных заведений, обучающихся по направлению подготовки «Экономика» / А.Н. Сёмин [и др.]. – Москва : КноРус, 2018. – 308 с.

16. Касперович, С.А Особенности и методология прогнозирования воспроизводственных процессов в инновационной сфере / С.А Касперович, И. П. Деревяго, Л.А. Радкевич / Труды БГТУ. Сер. VII, Экономика и управление. – 2010. – Вып. XVIII. – С. 28–31.

17. Касперович, С.А. Взаимодействие инновационного развития с динамическими и качественными характеристиками экономического роста С. А. Касперович / Труды БГУ. Сер. VII. Экономика и управление. – 2008. –Вып. ХМ. – С. 6–9.

18. Слуцкин, Л.Н. Курс МВА по прогнозированию в бизнесе Л.Н. Слуцкин. – М.: Альпина Бизнес Букс, 2006. –277 с.

19. Касперович, С. А. Многоотраслевая модель неравновесной ди-намики для прогнозирования развития промышленного комплекса Беларуси / С.А Касперович, В.Я. Асанович Белорусский экономический журнал. – 2004. – № 4. – С. 65–78.

20. Чернышев, С.Л. Моделирование экономических систем и прогнозирование их развития: учебник / С.Л. Чернышев. – М.: Изд-во МГТУ им. Н.Э. Баумана, 2003. – 232 с.

21. Ханк, Д.Э. Бизнес-прогнозирование / Д.Э. Ханк, Д.У. Уичерн, А.Дж. Райте. – М.: Издат. дом «Вильяме», 2003. – 656 с.

22. Герасенко, В.П. Прогнозирование и планирование экономики. Практикум: учеб. пособие / В.П. Герасенко. – Минск: Новое знание, 2001. – 192 с.

23. Прогнозирование и планирование экономики: учеб. пособие В. И. Борисевич [и др.]; под общ. ред. В. И. Борисевича, Г.А. Кандауровой. – Минск: Интепрессервис: Экоперспектива, 2001. – 380 с.

THE REPORT OF THE COORDINATION OF THE CURRICULUM ON STUDIED THE COURSE OF STUDY WITH OTHER THE COURSES OF STUDY OF THE SPECIALITY

The course of study name from which the coordination is required	The department name.	Offers on changes in the curriculum maintenance on a studied subject matter.	The decision accepted by the department which has developed the curriculum (with instructions of date and report number)

ADDITIONS AND CHANGES FOR THE CURRICULUM
ON THE STUDIED SUBJECT MATTER

for 2020/2021 academic year

№	Additions and changes	Basis

The curriculum is reviewed and approved at the meeting of the department the department of economic theory (the report №   from   /   /2020)

The Head of the Department of Economic Theory
Candidate of Historical Sciences,
Associate Professor   _____   Hanchar A.I.

Approved by
The Dean of the Faculty of Economic
Candidate of Economic Sciences,
Associate Professor   _____   Hrybau A.U.