REPUBLIC OF BULGARIA D.A. TSENOV ACADEMY OF ECONOMICS – SVISHTOV	
FACULTY **„Industry a**	**DEPARTMENT** **„Industrial Business and Entrepreneurship“**

Endorsed by:
RECTOR:
(Prof. Mariyana Bozhinova, PhD)

Approved by the AC, Resolution № 5/03/02/2022
Approved by the FC, Protocol №6/02/18/2022
Approved by the DC, Protocol №9/02/18/2022

QUALIFICATION DESCRIPTION

DOCTORAL PROGRAMME

„Economics and Management (Industry)“

Educational and scientific degree: **Doctor**		Area of study: **3. Social, economic sciences and law**
Mode of study:	Length of study:	Field of study: **3.8. Economics**
Full-time/Unsupervised	**3 years**	
Part-time/Distance	**4 years**	Code of the document: **ED/QD-D-FT/PT/U/D-3/4-3.8/-EM(I)-FIC-DIBE-2022**
Language: **Bulgarian/English/Russian**		

1. General description of the doctoral programme

The doctoral program "Economics and Management (Industry)" at the Department of Industrial Business and Entrepreneurship has existed since the founding of the department (1973). Dozens of doctoral students have been prepared for this period, who have successfully completed their studies in the field of science and higher education, as well as in the field of industrial business and management at the state, municipal and branch levels.

The training in the doctoral program is carried out in accordance with the requirements of the Higher Education Act, the Academic Staff Development Act in the Republic of Bulgaria and the Regulations for its implementation, as well as with the Regulations for the development of the academic staff in D. A. Tsenov Academy of Economics and the Regulations for the activity of D. A. Tsenov Academy of Economics. It deepens the theoretical, methodological and managerial knowledge, forms skills and practical habits of doctoral students for research, teaching, management and consulting.

2. Learning objectives

The educational goals of the doctoral program "Economics and Management (Industry)" are in accordance with the needs of the country and the region and with the parameters of the educational-scientific degree - training of highly qualified and motivated staff for science, education, industrial business, entrepreneurship , the management of national and regional institutions with the necessary theoretical knowledge, practical skills and specific competencies.

3. Organisation and length of study

The training in the doctoral program "Economics and Management (Industry)" is organized in accordance with the current legislation in the Republic of Bulgaria and internal regulations at D. A. Tsenov Academy of Economics. The educational process is carried out in accordance with the regulated educational documentation with a highly qualified academic staff. The term of study in the doctoral program "Economics and Management (Industry)" in full-time/unsupervised form is three years, and in part-time/distance - four years. Within the first year, two doctoral minimums are required for examination programs, the content of which is related to the topic of the dissertation. In the second year, training was organized in the compulsory courses "Methodology of Science and Research", "Methods of Academic Writing and Presentation" and "Methodology and Methods of Empirical Research", as well as in elective courses and seminars. The doctoral program ends with a public defense of a dissertation before a scientific jury.

4. Knowledge

The training in the doctoral program "Economics and Management (Industry)" allows the acquisition of modern theoretical, methodological, pedagogical, managerial and other knowledge necessary for independent research, research and teaching and professional management of various industrial structures , entrepreneurial business or institutional formations at different hierarchical levels (national, branch, regional or local level). In the process of training doctoral students acquire knowledge of: current trends in the field of economic theory and practice; problems and trends in the development of Bulgarian, European and world industry, starting and managing entrepreneurial business; the latest approaches and methods for conducting research in the field of the doctoral program; modern approaches and methods of human and financial resources management in various industrial structures, government institutions, etc.

5. Skills

Through their preparation, doctoral students build skills necessary for the use of acquired theoretical, methodological, pedagogical, managerial and other knowledge in their professional work. In particular, these skills include the ability of the doctoral

student to independently: formulate current and containing new and practical scientific topics and thematic areas; analyzes and interprets scientific texts; determines the approaches and methodological tools for conducting research; conducts original research; formulates and argues to defend their own scientific theses and positions; presents in written and / or oral speech the results of his analytical and mental activity; creates new knowledge as a result of conducting their own research or the implementation of research, etc. projects; organizes and participates in scientific discussions on various economic topics; uses modern forms of teaching; analyzes and evaluates various economic problems and trends; develops and implements management decisions; manages human and financial resources, etc.

6. Competences

Within the framework of the doctoral program "Economics and Management (Industry)" doctoral students acquire competencies in areas important for their professional realization, providing them with the opportunity after graduation to exercise independence and responsibility, to have competencies for learning, communication, social and professional competences, in particular:

6.1. Independence and responsibility

• have the ability to effectively and efficiently manage complex professional activities in the field of industrial business and its management, in the field of research and higher education, including teams and resources;

• take responsibility for decision-making in complex conditions, under the influence of various interdependent and difficult to predict dynamic factors influencing the planning, organization and management of systems, processes, activities and projects in the field of research, higher education and industrial business;

• to show creativity and initiative in the process of planning, organizing, implementing and overall management of processes, activities and projects in the field of research, higher education and industrial business;

• assess the need to train others in order to increase team efficiency in the implementation of dynamic, diverse in nature, subject and functional area, company processes, activities and projects in the field of research, higher education and industrial business.

6.2. Learning competences

• consistently assess their own qualifications by assessing the knowledge and skills acquired so far in the field of the doctoral program;

• to plan the need to expand and update their professional qualification in the thematic area of the doctoral program.

6.3. Communicative and social competences

• to formulate and present clearly and understandably ideas, problems and solutions to specialists and non-specialists related to the preparation of scientific reviews, essays, reports, articles and studies, presentation of the results of their research at scientific forums, development and implementation of educational and research projects;

• to express attitude, understanding and demonstrate activity in discussing and solving current issues and significant problems by using methods based on qualitative and quantitative descriptions and evaluations of systems, processes, activities and projects in the field of industrial business and entrepreneurship;

• to show a broad personal worldview and show understanding and solidarity with others;

• fully communicate in some of the most widely spoken European languages.

6.4. Professional competences

• to collect, process, classify, analyze, synthesize, evaluate, interpret, store and use information and data in their professional activities by applying various methods in order to solve complex business problems in a dynamic, controversial environment, difficult to determine turbulent environment;

• to prepare methodological tools for conducting research and working with electronic catalogs, directories, databases, etc .;

• to use modern communication and information technologies in the process of their professional activity;

• to work with original scientific papers;

• to use causal links in conducting research;

• analyze and evaluate complex and diverse economic problems and trends;

• independently prepare scientific reviews, essays, reports, articles and studies;

• work in a team and manage a team;

• to present the results of their research at scientific forums;

• to develop and implement research, educational and other projects;

• to use traditional and interactive forms of conducting classes; human and financial resources management;

• to apply a scientific approach in solving theoretical and / or practical problems, in the development and implementation of management decisions, etc.

• use new strategic approaches;

• to form and express their own opinion on issues of public and ethical nature, arising in the process of planning, organization and management of various systems, processes, activities and projects in the thematic area of the doctoral program.

7. Brief description of the academic staff

The training unit in the doctoral program "Economics and Management (Industry)" is the Department of Industrial Business and Entrepreneurship. It includes highly qualified lecturers (professors and associate professors) with many years of experience in the scientific management of Bulgarian and foreign doctoral students,

participation in teaching mobility under European programs and participation in professional and scientific networks.

8. Professional realization

Graduates of the doctoral program "Economics and Management (Industry)" at the Department of Industrial Business and Entrepreneurship are successfully realized not only in science and higher education, but also in all areas of national economy and management and in all positions requiring possession of knowledge and skills for innovative and analytical thinking, scientific approach to solving complex theoretical and practical problems. The preparation provides the doctoral graduates with knowledge, skills and professional competencies, allowing them to be realized as researchers, lecturers in the field of higher education, consultants, managers at the highest management level in various industrial organizations, associations, government institutions, as entrepreneurs, etc.

9. Educational and scientific degree and professional qualification

Graduates of the doctoral program "Economics and Management (Industry)" acquire the educational and scientific degree "Doctor" after successfully defending a dissertation before a scientific jury.

Dean: (Assoc. Prof. Sv. Iliychovski, PhD)

Head of Department: (Prof. L. Varamezov, PhD)

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Approved by AC, Resolution № 5 от 02.03.2022 г.
Approved by FC, Protocol №6/ 02/18/2022
Approved by DC, Protocol №9/ 02/11/2022

CURRICULUM

Doctoral programme
„Economics and Management (Industry)“

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Language: **Bulgarian/English/Russian**		Effective as from: **2022/2023 academic year**

I. EDUCATIONAL ACTIVITY

№	Type	Code	Subject/Activity	ECTS credits	Form of assessment
1	F	**Fundamental Courses (doctoral minimum I)**		25	exam
		FIC-DIBE-D-101	1. Economics of Enterprise		
		FIC-DIBE-D-102	2. Entrepreneurship		
		FIC-DIBE-D-103	3. Production and Labour Organization in Industrial Enterprise		
		FIC-DIBE-D-104	4. Industrial Economics		
2	F	**Specialized Courses (doctoral minimum II)**		25	exam
		FIC-DIBE-D-105	1. Innovation Management		
		FIC-DIBE-D-106	2. Innovation Management in the Industrial Enterprise		
		FIC-DIBE-D-107	3. Investment Management in the Industrial Enterprise		
		FIC-DIBE-D-108	4. Project Management		
		FIC-DIBE-D-109	5. Costs and Pricing Policy of the Enterprise		
		FIC-DIBE-D-110	6. Logistics of the Industrial Enterprise		

		FIC-DIBE-D-111	7. Human Resource Management		
		FIC-DIBE-D-112	8. Team Management and Communications		
		FIC-DIBE-D-113	9. Organizational Behaviour		
		FIC-DIBE-D-114	10. Leadership		
		FIC-DIBE-D-115	11. Corporate Management		
		FIC-DIBE-D-116	12. Corporate Social Responsibility		
			13. Subject related to the topic of the doctoral degree dissertation		
3	R	FIC-DSSL-D-901	Methodology of science and research	10	c.g.
4	R	FIC-DSSL-D-902	Academic writing and presentation methods	10	c.g.
5	R	FEA-DSAM-D-901	Methodology and methods of empirical research	10	c.g.
6	R		Attendance and participation in courses (seminars, doctoral degree tutorials), conferences and other training activities	5	IS report
			Total:	**85**	
1	F	FMM-DBI-D-901	Information technology	10	c.g.
2	F	FF-DFLT-D-901	English for doctoral degree students (B2)	10	c.g.
3	F	FF-DFLT-D-902	English for doctoral degree students (C1)	10	c.g.
4	F	A master or bachelor degree subject		According to the curriculum of the subject	exam
5	F	Participation in trainings related to the doctoral degree studies		5 for each training	certificate
6	F	Participation in mobility for training or practice purposes		30 for each mobility	Mobility protocol

II. SCIENTIFIC AND EDUCATIONAL ACTIVITY

№	Type	Subject/Activity	ECTS credits	Form of assessment
1	R	Publications regulated in group D, indicators 4 – 10 from RIDASRBA	30	IS report
		Total:	**30**	
2	F	Participation in science and research projects	10 per project	contract
3	F	Participation in mobility for research purposes	10 per mobility	Mobility protocol
4	F	Participation with science reports in scientific forums (national or international)	1 for each report	Participation certificate publication
5	F	Publications exceeding the standard of minimum required points regulated in RIDASRBA outside ch. II.1 and II.4	1 for each subchapter	publication

III. PREPARATION OF A DISSEERTATION PAPER AND AN ABSTRACT

№	Type	Activity	ECTS credits	Form of assessment
1	R	Dissertation paper, including:	50	Science advisor and a DC protocol

1.1.		Theoretic and research work	10	science advisor
1.2.		Empirical and research work	10	science advisor
1.3.		Preparation of a chapter from the dissertation paper	20	science advisor
1.4.		Submission of a final version to the approval of the DC	10	a DC protocol
2	R	Preparation of an abstract and an original contribution declaration	10	a DC protocol
		Total:	**60**	

IV. TEACHING AND EXPERT ACTIVITY

№	Type	Subject/activity	ECTS credits	Form of assessment
1	E	Delivering a series of lectures and/or seminars according to the syllabus	5	Report from the SA visit
		Participation in expert and consultancy activity		Report by the SA; contract/reference
		Total:	**5**	
1	F	Delivering a series of lectures and/or seminars according to the syllabus	5 ECTS credits for 28 provisional classes	Remuneration form
2	F	Participation in expert and consultancy activity	2 ECTS credits per participation	report by the SA; contract/reference
3	F	Participation in mobility for teaching purposes	10 ECTS credits per mobility	certificate

BASIC COMPONENTS OF THE SYLLABUS

Activity	ECRS credits
COMPULSORY ACTIVITIES	
Educational activity	85
Scientific and educational activity	30
Preparation of a dissertation paper and an abstract	60
Teaching and expert activity	5
Total:	180
FACULTATIVE ACTIVITIES	
Educational activity	According to the IS of the doctoral student
Scientific and education activity	
Teaching and expert activity	

DEAN: (Assoc. Prof. Sv. Iliychovski, PhD)

HEAD OF DEPARTMENT: (Prof. L. Varamezov, PhD)