

PIMB
Private Institute of Management and Business
Management with IT Specialization

The notes about the goals and learning outcomes

1. The main **goals** and outcomes of the study programme/curriculum for the speciality aspect “Management with IT Specialization” updated by PIMB are to form definite managerial and ICT competences with P4 graduates that will enable them to increase their competitiveness in the national and international labour market.

2. Learning outcomes should be listed according to Dublin Descriptors and should be written using infinitive: at first **K – knowledge**, then **P – professional skills**, **R – research skills**, **S – social skills**. Use the order that is shown below:

After completing this study programme the students will be able to:

1. Apply basic scientific and theoretical knowledge to solve practical problems; **K (1)**
2. Plan and organize automated support of various activities; **P (2)**
3. Analyze perspectives and directions of development of information systems and technologies; **R (3)**
4. Work independently and in a team; **S (4)**
5. Generate new ideas focusing on creativity, critical thinking, communication and collaboration. **S (5)**

3. Fill the **Table 1. Updated learning outcomes and Management with IT Specialization study programme**. Let us see how the subjects and study programme learning outcomes correlate. Include all the subjects in this table: both updated during the project and taught at the PIMB.

Table 1. Updated learning outcomes and Management with IT Specialization study programme

Subjects	Study program learning outcomes				
	1(K)	2(P)	3(R)	4(S)	5(S)
Law in IT-sphere	x	x	x	x	x
Intellectual Property and Protection of Information	x	x	x	x	x
Psychology of Information Perception	x	x	x	x	x
Management of IT Projects	x	x	x	x	x
Course work on study subject "Management of IT Projects"	x	x	x	x	x
Multimedia Creation and Processing Technologies	x	x	x	x	x
Computer Networks	x	x	x	x	x
Web Technologies	x	x	x	x	x
English for Specific Purposes	x	x	x	x	x
Team-building	x	x	x	x	x
Management of e-business	x	x	x	x	x
Marketing Management in IT-sphere	x	x	x	x	x
Course work on study subject "Marketing Management in IT Sphere"	x	x	x	x	x
Business Planning based on Informatization Tools	x	x	x	x	x
Time-management	x	x	x	x	x
Economic Theory	x	x	x		
Microeconomics	x	x	x	x	x
Macroeconomics	x	x	x		
Course work on study subject "Macroeconomics"	x	x	x		
Theoretical Fundamentals of Management	x	x	x		

HR Management	x	x	x	x	x
Statistics	x	x	x		
IT Marketing	x	x	x	x	x
IT Management	x	x	x	x	x
Company Management	x	x	x	x	x
Course work on study subject "Company Management"	x	x	x	x	x
Company (Enterprise) Economy	x	x	x	x	x
Course work on study subject "Company (Enterprise) Economy"	x	x	x	x	x
Network Technologies in Management	x	x	x	x	x
Management Psychology	x			x	x
International Economy	x	x	x	x	x
Finance and Financial Management	x	x	x		
Physical Culture	x			x	x
Integrated module "Philosophy"	x			x	x
Integrated module "Political Science"	x			x	x
Integrated module "History"	x			x	x
Sociology	x			x	x
Specialized module at student option /Great Patriotic War of Soviet people, Culturology, Religious Studies	x			x	x
Specialized module at student's option /Economic History, Ethics, Esthetics	x			x	x
Higher Mathematics	x	x	x		
Security of Human Life Activity	x			x	x
Computer Information Technologies	x	x	x		x
Foreign Language	x			x	x
Nature Management Economics	x			x	x
Belarusian Language (professional vocabulary)	x			x	x
Documentation Support of Management	x	x	x	x	
Foreign Language (business documentation)	x	x		x	x
Fundamentals of Law	x			x	x
Industrial Technologies	x	x	x		
Fundamentals of Modern Natural Science / Internet Technologies in Economy and Management	x	x	x	x	x
Fundamentals of Standardization, Certification and Metrology / Quality Management	x	x	x	x	x

4. Fill the **Table 2**. An example is given below.

Table 2. Correlation between IT Profile and the educational standard approved by the Ministry of Education of the Republic of Belarus

IT Profile	Belarusian standard
1. Apply basic scientific and theoretical knowledge to solve practical problems. K (1)	AC-1. Master and apply basic scientific and theoretical knowledge to solve theoretical and practical tasks
2. Plan and organize automated support of various activities. P (2)	PC-8. Apply modern IT technologies and data-processing applications to justify managerial decisions.
3. Analyze perspectives and directions of development of information systems and technologies. R (3)	AC-3. Have research skills. PC-28. Seek, systemize and analyze information on organization development outlook, innovative technologies, promising projects and solutions. PC-32. Develop business-plans of creating and introducing new technologies.

	PC-33. Estimate economic efficacy of innovations and innovative projects. PC-34. Manage innovation procedures.
4. Work independently and in a team. S (4)	SPC-6. Be a team player.
5. Generate new ideas focusing on creativity, critical thinking, communication and collaboration. S (4)	SPC-2. Be skilled in social interaction. SPC-3. Be able to effect interpersonal communication. SPC-5. Be able to criticize others and regard someone else's criticism properly.

The notes about study plan

No	Courses EN	PIMB need to integrate during the project	In study plan	ECTC*
1	Law in the IT-sphere / Право в IT сфере	3	Law in the IT-sphere	5
2	Intellectual Property and Protection of Information / Интеллектуальная собственность и защита информации	3	Intellectual Property and Protection of Information	3
3	Psychology of Information Perception / Психология восприятия информации	3	Psychology of Information Perception	5
4	Management of IT Projects / Управление IT проектами	3	Management of IT Projects	4
5	Multimedia Creation and Processing Technologies / Технологии создания и обработки мультимедиа	6	Multimedia Creation and Processing Technologies	6
6	Computer Networks / Компьютерные сети	3	Computer Networks	4
7	Web Technologies / Веб - технологии	3	Web Technologies	4
8	English for Specific Purposes / Профессиональный английский	8	English for Specific Purposes	8
9	Team-building / Командообразование	6	Team-building	6
10	Management of e-business / Управление электронным бизнесом	3	Management of e-business	4
11	Marketing Management in IT-sphere / Управление маркетингом в IT сфере	5	Marketing Management in IT-sphere	5
12	Business Planning based on Informatization Tools / Бизнес-планирование на базе средств информатизации	3	Business Planning based on Informatization Tools	4
13	Time-management / тайм менеджмент	3	Time-management	4
ECTS		52	13 courses	62

* In conformity with the Instruction on calculating labour output ratio of higher education study programmes using ECTS (approved by Minister of Education of the Republic of Belarus on 6 April 2015), an examination as a form of control of knowledge on a study course adds 1 ECTS credit to this study course.