

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Operating and financial risk management		Code 1011102311011138336
Field of study Engineering Management - Full-time studies -	Profile of study (general academic, practical) general academic	Year /Semester 1 / 1
Elective path/specialty Quality Systems and Ergonomics	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 15 Classes: 15 Laboratory: - Project/seminars: -		No. of credits 2
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art social sciences Economics		ECTS distribution (number and %) 2 100% 2 100%
Responsible for subject / lecturer: dr hab. Marek Szczepański email: marek.szczepanski@put.poznan.pl tel. 665 33 90 Wydział Inżynierii Zarządzania ul. Strzelecka 11 Poznań		Responsible for subject / lecturer: dr Tomasz Brzeczek email: tomasz.brzeczek@put.poznan.pl tel. 665 33 92 Wydział Inżynierii Zarządzania ul. Strzelecka 11 Poznań
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge of finance and enterprise management.
2	Skills	Acquaintance of basic economic, financial and statistical categories, so as money, price of money, interest rate, institutions of the financial market.
3	Social competencies	Awareness of meaning of the subject
Assumptions and objectives of the course: Educating the ability of the identification, the measurement and the operating and financial risk management		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Student deeply knows methods and instruments for modeling information processes - [K2A_W08] 2. Student knows methods and instruments for shaping decisive processes - [K2A_W09] 3. Student has a wide knowledge about processes of changes in organizational structures and in the process of managing these changes - [K2A_W15]		
Skills:		
1. Student knows how to interpret and explain correctly social, cultural, political, legal and economical phenomena and mutual relations between social phenomena - [K2A_U01]		
Social competencies:		
1. Student is aware of the responsibility for own work and he is ready to follow rules of the team work and taking responsibility for tasks realized within the group - [K2A_K02]		
Assessment methods of study outcomes		

<p>Forming assessment: a) Classes: Current control of the level of knowledge verified in the discussion and questions asked during classes. b) Lecture: basing on questions asked during the lecture, which refer to previous lectures on the subject</p> <p>Final assessment Final test checking the total of knowledge on the subject obtained during classes and lectures. Required at least 60% of correct answers</p>		
Course description		
<p>Main types of risk in business activity. Operational risk: area in which it occurs, classification. Methods and instruments of operational risk management, measurements and limitations. Definition and classification of the financial risk. Detailed presentation of the main types of the financial risk (credit risk, currency risk, interest rate risk, liquidity risk, risk connected with improper use of derivatives). Portfolio analysis. Risk diversification for product portfolio and securities. Goods and financial forward transactions in the financial risk management. Evaluation of financial and goods options but the risk management. The insolvency risk and analysis models discriminatory of companies.</p>		
<p>Basic bibliography: 1. Kałowska J., Pawłowski E., Włodarkiewicz-Klimek H., Zarządzanie organizacjami w gospodarce opartej na wiedzy, Wydawnictwo Politechniki Poznańskiej, Poznań 2013 2. Mikula B., Pietruszka-Ortyl A., Potocki A., Podstawy zarządzania przedsiębiorstwami w gospodarce opartej na wiedzy Difin Warszawa 2007 3. Przybyszewski R. Kapitał ludzki w procesie kształtowania gospodarki opartej na wiedzy, Difin Warszawa 2007 4. Piech K. Wiedza i innowacje w rozwoju gospodarczym: w kierunku pomiaru i współczesnej roli państwa Instytut Wiedzy i Innowacji Kraków 2008</p>		
<p>Additional bibliography: 1. Welfe W. Gospodarka oparta na wiedzy Polskie Wydawnictwo Ekonomiczne Warszawa 2007</p>		
Result of average student's workload		
Activity	Time (working hours)	
1. Lecture	15	
2. Classes	15	
3. Consultations	5	
4. Preparation for classes	15	
5. Preparation for the final test (colloquium)	10	
Student's workload		
Source of workload	hours	ECTS
Total workload	60	2
Contact hours	35	1
Practical activities	15	0