

## COURSE DESCRIPTION CARD

<b>Bialystok University of Technology Faculty of Engineering Management</b>									
<b>Field of study</b>	<b>Management</b>							<b>Degree level and programme type</b>	<b>first degree/ second degree</b>
<b>Specialization/ diploma path</b>	-							<b>Study profile</b>	-
<b>Course name</b>	<b>Financial management</b>							<b>Course code</b>	<b>IS-FM-00076S</b>
								<b>Course type</b>	<b>elective</b>
<b>Forms and number of hours of tuition</b>	<b>L</b>	<b>C</b>	<b>LC</b>	<b>P</b>	<b>SW</b>	<b>FW</b>	<b>S</b>	<b>Semester</b>	<b>summer</b>
		30						<b>No. of ECTS credits</b>	<b>6</b>
<b>Entry requirements</b>	-								
<b>Course objectives</b>	<p>The aim of this course is to develop knowledge and skills in the applications of the important topics in financial management. This module is taught in form of lecture and classes. The premise of the module is to introduce the basic theoretical knowledge on the financial management objectives, to explain applied the financial analysis and control which may be useful in the management of both small and large companies. After studying and solving case studies, students should have practical skills for financial management and decision-making, planning, controlling and reporting information about which allows them to communicate with other functional departments. The specific objectives are: to describe the basic functions of the financial management and to list, explain and use the financial statement to interpreting and analysis firm 'activities, to use selected financial ratios, the capital investment decision and capital budgeting decision; understand net present value, internal rate of return, describe sources of long-term funds and debts. Problem-solving methodology is used to illustrate the theories and tools in financial decision making.</p>								
<b>Course content</b>	<p>The general nature of global financial management, purpose and function of financial management, problems in financial management, the taxes and the major financial decisions of corporations. Capital budgeting decision criteria: net present value, internal rate of return, capital budgeting and risk, assets pricing. Financial analysis and forecasting; financial decisions and market efficiency. Management: estimation of capital requirements, determination of capital composition, choice of sources of funds, investment of funds, disposal of surplus, management of cash, financial controls. Financial management and financial statements data: preparation balance sheet, income statement, cash flow statement. Need for income detail: classification of revenues, costs and financial results using different criteria. Cash flow: methods of preparation, typical transaction affecting both profit and net working capital, assessment how the information should be analysed. Financial statement analysis: interpreting selected financial ratios. Capital budgeting with using target costing. Target selling price. Capital Structure - meaning and factors determining capital structure. Determinants of the cost of capital. Weighted Average Cost of Capital. The after-tax cost of debt. Investment decision and methods of evaluation</p>								

	of investment projects: Return on equity (ROE), return on assets (ROA), Net present value (NPV), Internal rate of return (IRR), The payback period.	
<b>Teaching methods</b>	case studies, individual and group tasks	
<b>Assessment method</b>	final test, case study revision	
<b>Symbol of learning outcome</b>	<b>Learning outcomes</b>	<b>Reference to the learning outcomes for the field of study</b>
L01	Student should be able to: explain the concept, classification, functions of financial management of a company	-
L02	Student explains the concepts of the cost, revenues and financial results in the enterprise information system, knows the rules of their measurement and prepare income statement and cash flow according to different methods; Calculate and interpret profitability using breakeven point, calculate the price of services using methods of operating decision	-
L03	Student processes information on asset and equities, liabilities according on the concept of balance sheet, understanding a balance sheet and valuation of items. Analysing a balance sheet.	-
L04	Student is be able to analyse financial statements and evaluate the financial condition of firms using the selected financial ratios. Student calculates costs of debt using different method;	
L05	Student is ready to explain capital budgeting decision (NPV, IRR), use the target cost and the cost of achieving targets and managing the costs of new products and technologies	-
<b>Symbol of learning outcome</b>	<b>Methods of assessing the learning outcome</b>	<b>Type of teaching activities (if more than one) during which the outcome is assessed</b>
L01	final test	C
L02	final test	C
L03	final test, case study evaluation	C
L04	final test, case study evaluation	C
L05	final test	C
<b>Student workload (in hours)</b>		<b>No. of hours</b>
<b>Calculation</b>	participation in classes	30
	preparation for classes	45
	performing homework assignments	15

	participation in student-teacher sessions related to the classes	5	
	preparation to pass the classes	30	
	preparation for and participation in final test	10	
	<b>TOTAL:</b>	150	
<b>Quantitative indicators</b>		<b>HOURS</b>	<b>No. of ECTS credits</b>
<b>Student workload – activities that require direct teacher participation</b>		<b>35</b>	<b>1,4</b>
<b>Student workload – practical activities Student workload – practical activities:</b>		<b>135</b>	<b>5,4</b>
<b>Basic references</b>	1. Glen A., Lewis D., Corporate financial management, Harlow : Pearson Education, 2019. 2. Titman S., Keown A., Martin J.D., Financial Management: principles and applications, Harlow: Pearson Education, 2018 3. Financial Management. ACCA , Teddington: DeVry/Becker Educational Development Corp. 2015		
<b>Supplementary references</b>	1. Tennent J., The Economist Guide to Financial Management: principles and practice, 2014. 2. Romney M. B., Steinbart P. J., Accounting information systems, Upper Saddle River Pearson Prentice Hall, 2009		
<b>Organisational unit conducting the course</b>	<b>Department of Management, Economics and Finance</b>	<b>Date of issuing the programme</b>	
<b>Author of the programme</b>	<b>Anna Bagieńska, PhD Anna Dyhdalewicz, PhD</b>	<b>05.02.2021</b>	

L – lecture, C – classes, LC – laboratory classes, P – project, SW – specialization workshop, FW - field work, S – seminar