

Syllabus									
Course code									
Course name	International Economics and Finance for Engineers								
Course version	2								
A. Location of the course in education system									
Level of education	II								
Degree level	MSc								
A form of study	Stationary								
Fields of study	Biomaterials								
Profile of study	General academic								
Specialization	-								
Administrating unit	Faculty of Materials Engineering								
Conducting unit	Faculty of Management								
Course coordinator	Eryk Głodziński, Eng. PhD, DSc.								
B. General course descriptionm									
Block of subjects									
Group of courses									
Level	Basic								
Status	Elective								
Language	English								
Semestr	Summer								
Academic year	2022/23								
Initial student requirements	Basic knowledge about the economics and finance								
Numer of students	No limitation								
C. Learning outcomes and teaching methods									
Objective of the course	<p>The objectives of the course are to:</p> <ul style="list-style-type: none"> - obtain the basic knowledge related to selected aspects of economics and finance in international environment, including the relations between various economic categories and situation in the market - obtain the skills related to understanding the role of countries and selected financial institutions in economy growth and fluctuation 								
Assessment methods	Direct assessment of active participation during the meetings (asking, proposing the topics, presenting own understanding of the discussed topics), facultative making the exercises, and participation in the final oral exam.								
Learning outcomes	See table 1								
Form of classes and weekly dimension (semester dimension) [Hours]	<table> <tr> <td>Lecture</td> <td>2 (30)</td> </tr> <tr> <td>Exercise / tutorial</td> <td>0</td> </tr> <tr> <td>Laboratory</td> <td>0</td> </tr> <tr> <td>Project</td> <td>0</td> </tr> </table>	Lecture	2 (30)	Exercise / tutorial	0	Laboratory	0	Project	0
Lecture	2 (30)								
Exercise / tutorial	0								
Laboratory	0								
Project	0								

Content	<ol style="list-style-type: none"> 1. Basic goals and tasks of economics and finance. 2. Fundamentals of economics (supply, demand, GDP, trade etc.) and finance (TVM, savings, investment, risk avoidance etc.). 3. The role of engineers in economy and finance. 4. Economic life cycle, economic crisis and fluctuation of economies – outlook, initial and indirect drivers. 5. Government policy. 6. Monetary policy. 7. Various types of markets: labour, goods&services, commodity, financial etc. 8. Conclusions.
Learning outcomes evaluation	See table 1
Exam	No
Bibliography	<p>Krugman P.R., Obstfeld M., Melitz M. (2017), International Economics: Theory and Policy, Global Edition, Pearson Education Limited</p> <p>Agrawal O.P. (2009), International Financial Management, Himalaya Publishing House.</p> <p>Gowthorpe C. (2011), Business Accounting and Finance, South-Western Cengage Learning.</p> <p>Kidwell, D. S., Blackwell, D. W., Sias, R. W., & Whidbee, D. A. (2016). Financial institutions, markets, and money. John Wiley & Sons.</p>
Course website	
D. Student workload	
ECTS credits	3 ECTS
Number of hours	3 ECTS: 30h (lecture) + 30h (literature analysis) + 20h (preparation to the final test) = 80h
ECTS credits delivered by teacher direct participation	1 ECTS: 30h (lecture)
ECTS credits delivered by without teacher direct participation	2 ECTS: 30h (literature analysis) + 20h (preparation to the final test) = 50h
E. Additional information	
Teaching methods	seminar lecture, active student participation, analysis of statistic data
Remarks	
Last update	2022-11-02

Tabela 1

KNOWLEDGE /WIEDZA	
Education achievements	Evaluation method / Sposób sprawdzania
Student obtains basic knowledge related to economics, mainly related to economic markets, mechanism of supply and demand	activity during the meeting with teacher (lecture) basic
Student obtains basic knowledge related to finance, mainly related to financial market	activity during the meeting with teacher (lecture) / oral exam
SKILLS / UMIEJĘTNOŚCI	

Education achievements	Evaluation method / Sposób sprawdzania
the student possesses and is ably to apply in business conversation the basic English words related to finance and economics	activity during the meeting with teacher (lecture) / oral exam
the student is prepared to read publication describing general problems related to finance and economics	activity during the meeting with teacher (lecture)
COMPETENCES / KOMPETENCJE	
Education achievements	Evaluation method / Sposób sprawdzania
the student understand the role of engineers in current economy and finance, including their influence on GDP and sustainable growth	activity during the meeting with teacher (lecture) / oral exam
the student understand the necessity of monitoring the state of the art of economics and finance	activity during the meeting with teacher (lecture) / oral exam