

# Subject programme

- Subject name / subject module: **Selected issues of economics and entrepreneurship**
- Lecture language: **English**
- The location of the subject in study plans:**
  - Area or areas of the studies: Computer Engineering and Mechatronics
  - Degree of the studies: **1<sup>st</sup> degree studies**
    - Field or fields (implementation of effects standard): **Mechatronics**
- Supervision of subject implementation:
  - The Institute / Another unit: **Institute of Informatics and Mechatronics**
  - The person responsible for the subject: **Szczepaniak Małgorzata, dr**
  - People cooperating in the development of the programme of the subject:
- The number of hours and forms of teaching for individual study system and the evaluation method

Mode of study	Teaching activities with the tutor																				Total ECTS
	Form of classes																				
	Lecture	SOW	ECTS		SOW	ECTS	...	SOW	ECTS	...	SOW	ECTS	Lecture - remote	SOW	ECTS	...	SOW	ECTS	...	SOW	ECTS
Full-time studies	8	13	1,5										16								
Part-time studies																					
Credit rigor	...	pass/fail grading																			

- Student workload – ECTS credits balance  
*1 ECTS credit corresponds to 25-30 hours of student work needed to achieve the expected learning outcomes including the student's own work*

Activity (please specify relevant work for the subject)	Hourly student workload (full-time studies/part-time studies)
Participation in lectures	8 / 0
Participation in remote lectures	16 / 0
Independent study of the subject – preparing for final grading	11 / 0
Participation in an exam / graded assignment / final grading	2 / 0
Total student workload (TSW)	37 / 0
ECTS credits	1,5
* Student's workload related to practical forms	0 / 0
Student's workload in classes requiring direct participation of academic teachers	24 / 0

- Implementation notes: recommended duration (semesters), recommended admission requirements, relations between the forms of classes:

None

Recommended duration of the subject is taken from the course plan.

- Specific learning outcomes – knowledge, skills and social competence

Specific learning outcomes for the subject		Form	Teaching method	Methods for testing of (checking, assessing) learning outcomes
Outcome symbol	Outcome description			
<b>Knowledge</b>				
K_W14	Student knows and understands the general principles of business activity and the various structures of markets.	Lecture	expository methods	Test on remote learning platform, written work, teacher's assessment
K_W15	Student knows and understands the fundamentals of economics.			
<b>Skills</b>				
K_U13	Student is able to evaluate the effectiveness of economic activity.	Lecture	expository methods	Test on remote learning platform, written work, teacher's assessment
<b>Social competence</b>				

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K_K06	Student is able to act in an entrepreneurial manner to in developing the individual entrepreneurship.	Lecture	expository methods	Test on remote learning platform, written work, teacher's assessment
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## 9. Assessment rules / criteria for each form of education and individual grades

0% - 60%	ndst	81% - 90%	db
61% - 70%	dst	91% - 93%	db+
71% - 80%	dst+	94% - 100%	bdb

Activity	Grades	Calculation	To Final
Test	Pass (zal)	60% of correct answers	Pass

## 10. The learning contents with the form of the class activities on which they are carried out

### 1. Lecture

1. Selected topics of marketing;
2. Selected elements of organizational culture;
3. Elements of economical analysis;
4. Business plan using LEAN Canvas method.

## 11. Required teaching aids

Lecture - multimedia projector

## 12. Literature:

### a. Basic literature:

- Paul A.Samuelson, William S.Nordhaus, Economics, McGraw-Hill Book Company.
- Begg, D., R.Dornbusch, S.Fischer, Economics, Tenth edition, McGraw Hill, 2011.

### b. Supplementary literature:

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### c. Internet sources:

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## 13. Available educational materials divided into forms of class activities (Author's compilation of didactic materials, e-learning materials, etc.)

## 14. Teachers implementing particular forms of education

Form of education	Name and surname
1. Lecture	Szczepaniak Małgorzata, dr