

Polish course name	<b>ZARZĄDZANIE ZASOBAMI PRZEDSIĘBIORSTWA</b>
English course name	<b>ENTERPRISE RESOURCE MANAGEMENT</b>
Course code	<b>WIP-MDL-D1-ERM-05</b>
Field of study	<b>Materials design and logistics</b>
Level of qualification	<b>First degree</b>
Form of study	<b>Full-time</b>
Semester	<b>5</b>
Number of ECTS points	<b>3</b>
Ways of assessment	<b>Test</b>

**Number of hours per semester**

<b>Lecture</b>	<b>Seminar</b>	<b>Classes</b>	<b>Laboratory</b>	<b>Project</b>
15		15		15

**TEACHERS:**

Dr hab. inż. Rafał Prusak, prof. PCz.,

Dr inż. Ewa Staniewska,

Dr inż. Monika Górską.

**COURSE OBJECTIVES:**

- › **C1** To provide students with knowledge about the importance of integrated enterprise resource management.
- › **C2** Acquiring practical skills by students in carrying out analyzes of the company's resources and its competitive potential.

**PRELIMINARY REQUIREMENTS FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCES:**

1. Basic knowledge of economics in terms of the concepts of the market and market economy.
2. Ability to work independently and in a group.
3. Ability to use literature sources and internet resources.

## **COURSE CONTENT**

### **LECTURE**

- › **L1 - L3** Introduction to the subject of resources, enterprise resource management, resource theory of organization. The theory of resources and competences, resource approach to enterprise strategy.
- › **L 4 - L7** Human and material resources, financial.
- › **L 8** Information and knowledge resources.
- › **L 9, L10** Intangible resources: market, relational and organizational.
- › **L 11, L12** Criteria and methods of resource assessment.
- › **L 13** Resources in creating enterprise competitiveness.
- › **L 14** Improving the structure of resources.
- › **L 15** Completion of the course.

### **CLASSES**

- › **C1, C2** Quantitative and qualitative analysis and optimization of the company's human resources.
- › **C3 - C5** Research on organizational resources.
- › **C6, C7** Analysis of the company's knowledge resources. Streamlining the processes of creating and disseminating knowledge.
- › **C8 - C10** Main indicators of the economic analysis of the enterprise.
- › **C11** Assessment of resources using the VRIO model.
- › **C12** Identifying the strengths and weaknesses of the company by making a strategic balance sheet.
- › **C13, C14** Capacity planning.
- › **C15** Completion of the course.

### **PROJECT**

- › **P1 - P3** Strategic balance of the enterprise.
- › **P4, P5** Research on organizational resources.
- › **P6, P7** Analysis of the company's human resources.
- › **P8, P9** Financial analysis.
- › **P10** Assessment of resources using the VRIO model.
- › **P11** Capacity Requirement Planning.

- › **P12** Application of methods of research and development of enterprise knowledge resources.
- › **P13 - P15** Presentation of the project.

## **BASIC REFERENCES**

1. J. Ashok: Zarządzanie wiedzą, zintegrowane podejście, Polskie Wydawnictwo Ekonomiczne, Warszawa 2006 r.
2. I. Nonaka, H. Takeuchi: Kreowanie wiedzy w organizacji, Poltext, Warszawa 2000 r.
3. Z. Głodek: Zarządzanie finansami przedsiębiorstw, Polskie Wydawnictwo Ekonomiczne, Warszawa 2004 r.
4. R.M. Grant: Współczesna analiza strategii, Oficyna Wolters Kluwer business, Warszawa 2011 r.
5. R.S. Kaplan, D.P. Norton: Wdrażanie strategii dla osiągnięcia przewagi konkurencyjnej, Wydawnictwa Profesjonalne PWN, Warszawa 2010 r.
6. E. Michalski: Zarządzanie przedsiębiorstwem, Wydawnictwo Naukowe PWN, Warszawa 2022 r.
7. M. Porter: Pięć sił konkurencyjnych kształtujących strategię, Harvard Business Review Polska, Lipiec-Sierpień 2008 r.
8. R.E. Hall, J.B. Taylor: Makroekonomia: Teoria funkcjonowania i polityka, Wydawnictwo Naukowe PWN, Warszawa 2015 r.

## **SUPPLEMENTARY REFERENCE MATERIALS**

1. R.W. Griffin: Podstawy zarządzania organizacjami, Wydawnictwo Naukowe PWN, Warszawa 2006 r.
2. P.F. Drucker: Zarządzanie w XXI wieku, Wydawnictwo Muza SA, Warszawa 2000 r.

## **LEARNING OUTCOMES**

- › **EU1** The student has knowledge of the integrated resource management of the enterprise.
- › **EU2** The student has knowledge of the negotiation process and rules of its conduct.

## TEACHING TOOLS

- › Lecture with the use of audiovisual aids.
- › Case descriptions to be analyzed during the classes.
- › PCz e-learning platform.

## WAYS OF ASSESSMENT (F – FORMATIVE, P – SUMMATIVE)

- › **F1.** Assessment of self-preparation for exercises.
- › **P1.** Final test.

## STUDENT WORKLOAD

Form of activity	Number of hours	ECTS
Contact hours with the teacher		
Lectures	15	0,6
Seminar		
Classes	15	0,6
Laboratory		
Project	15	0,6
Test	3	0,12
Exam		
Total contact hours	48	1,92
Student's own work		
Getting acquainted with the indicated literature	5	0,2
Preparation for seminar		
Preparation for classes	5	0,2
Preparation for lab		
Project preparation	10	0,4
Consultation	2	0,08
Preparation for the test	5	0,2
Total student's own work	27	1,08
<b>Total number of hours/ ECTS points for the course</b>	<b>75</b>	<b>3,0</b>

## ADDITIONAL INFORMATION

Timetable of classes	<a href="https://wip.pcz.pl/dla-studentow/plan-zajec/studia-stacjonarne">https://wip.pcz.pl/dla-studentow/plan-zajec/studia-stacjonarne</a>
Information about the consultation (time + place)	<a href="https://wip.pcz.pl/dla-studentow/konsultacje-dla-studentow">https://wip.pcz.pl/dla-studentow/konsultacje-dla-studentow</a>

## MATRIX OF LEARNING OUTCOMES REALISATION

Learning outcome	Reference of given outcome to outcomes defined for whole program	Course objectives	Course content	Ways of assessment
EU 1	K_W07, K_U04, K_U07, K_K01,	C1	L1 - L15	P1
EU 2	K_W07, K_U06, K_K01,	C2	C1 - C15 P1 - P15	F1

## FORM OF ASSESSMENT - DETAILS

**EU1** The student has knowledge of the integrated resource management of the enterprise.

- › 2,0 The student does not have basic knowledge of the integrated resource management of the enterprise.
- › 3,0 The student has a basic knowledge of integrated enterprise resource management.
- › 3,5 The student has a basic knowledge of the integrated resource management of the enterprise to a sufficiently plus degree
- › 4,0 The student has knowledge of enterprise resource management.
- › 4,5 The student has mastered the basic knowledge of the integrated resource management of the enterprise to a good plus degree
- › 5,0 The student has a significant knowledge of the integrated resource management of the enterprise.

**EU2** The student is able to carry out a practical analysis of the company's resources and its competitive potential.

- › 2,0 The student is not able to analyze the company's resources and its competitive potential.
- › 3,0 The student is able to partially analyze the company's resources and its competitive potential.
- › 3,5 The student is able to do a sufficiently plus to analyze the company's resources and its competitive potential.
- › 4,0 The student is able to analyze the company's resources and its competitive potential.
- › 4,5 The student is able to analyze the company's resources and its competitive potential to a good plus degree
- › 5,0 The student is able to very well analyze the company's resources and its competitive potential.