

**Subject card**

<b>Subject name and code</b>	Business Process Management with SAP ERP, PG_00129833						
<b>Field of study</b>	International Business						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	3	<b>Language of instruction</b>			Polish English 100%		
<b>Semester of study</b>	5	<b>ECTS credits</b>			4.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Department of Logistics -> Faculty of Economics -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Agnieszka Szmelter-Jarosz				
	<b>Teachers</b>		dr Agnieszka Szmelter-Jarosz				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
	Additional information: classes						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		20.0		50.0	100
<b>Subject objectives</b>	The aim of this course is to show the role of ERP systems (transactional systems) in realizing efficient flow of resources in companies and supply chains, and to gain skills by students to manage business processes with SAP ERP system, the most popular ERP system worldwide. The course should prepare students to work in companies with a global range and show functioning of ERP applications, widely used in every sector in global economy						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[IBL3_K01] is ready to recognise the importance of knowledge in the field of international business in identifying and solving business theoretical and practical issues; is ready to consult with experts in case of facing difficulties in solving business issues individually	Student is ready to recognise the importance of SAP ERP system; is ready to consult with experts in case of facing difficulties in solving business issues individually	[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task [SK8] observation of student's independent or team work
	[IBL3_U02] can formulate and solve complex and nonstandard issues in international business by employing quantitative and qualitative research methods and tools, as well as advanced communication and information techniques applicable in the field of international business, economics and finance	Student can formulate and solve complex and nonstandard issues in international business by employing quantitative and qualitative research methods and tools based on SAP ERP system	[SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[IBL3_W03] knows and understands selected research methods and tools, including IT tools and data acquisition techniques, which are applicable to international business issues	Student knows and understands SAP ERP system to manage procurement, production planning and execution and optimize their outcomes	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[IBL3_K04] is ready to think and act in an entrepreneurial manner	Student is ready to think and act in an entrepreneurial manner;	[SK1] oral statement/conversation/discussion [SK5] implementation of a problem task [SK8] observation of student's independent or team work

## Subject contents

1. Introduction to ERP systems:
  - 1.1. Characteristics of ERP systems
  - 1.2. Architecture of ERP systems
  - 1.3. ERP market, main vendors of ERP solutions
2. General information about SAP AG and its products
3. Introduction to GBI study
  - 3.1. Structure of the database
  - 3.2. Basic information about business processes
  - 3.3. Discussion about organization characteristics mapped in eEPC notation
4. Navigation in SAP ERP
5. Materials Management module in SAP ERP:
  - 5.1. Introduction to MM study
  - 5.2. Creating new records in master data
  - 5.3. Creating purchase requisitions and requests for quotation
  - 5.4. Maintaining quotations from vendors
  - 5.5. Creating purchase orders and goods receipts
  - 5.6. Verifying physical receipts
  - 5.7. Posting payment to vendors
6. Production Planning module in SAP ERP:
  - 6.1. Introduction to PP study
  - 6.2. Creating and changing records in Material Master
  - 6.3. Changing routing
  - 6.4. Creating SOP (Sales and Operation Plan)
  - 6.5. Running Master Production Schedule
  - 6.6. Creating production orders

	<p>6.7. Confirming production completion</p> <p>6.8. Receiving goods from production orders</p> <p>6.9. Review of costs assigned to production orders</p>		
<b>Prerequisites and co-requisites</b>	Microeconomics, Information Technologies, Accounting		
<b>Assessment methods and criteria</b>	<b>Subject passing criteria</b>	<b>Passing threshold</b>	<b>Percentage of the final grade</b>
	Own work during classes (case studies)	51.0%	40.0%
	Test	51.0%	60.0%
<b>Recommended reading</b>	Basic literature	<p>A.1. used during classes</p> <p>SAP University Alliances materials</p> <p>L. K. Lau, Managing Business with SAP: Planning, Implementation and Evaluation, Idea Group Inc., 2005.</p> <p>Szmelter A., Communication in global supply chains in automotive industry, Information Systems in Management 2015, Vol. 4,no 3, p. 205-218</p> <p>A.2. self-study literature</p> <p>SAP University Alliances materials; additional materials uploaded by teacher</p>	
	Supplementary literature	<p>D. E. OLeary, Enterprise Resource Planning Systems. Systems, Life Cycle, Electronic Commerce and Risk, Cambridge University Press, 2000.</p> <p>S. R. Magal, J. Word, Integrated Business Processes with ERP Systems, Jhn Wiley &amp; Sons, 2011.</p> <p>M. Murray, Discover logistics with SAP ERP, Galileo Press, 2008.</p> <p>J. T. Dickersbach, G. Keller, Production Planning and Control with SAP ERP, Galileo Press, 2011.</p> <p>E. Monk, B. Wagner, Enterprise Resource Planning, Cengage Learning EMEA, 2008.</p> <p>G. C. Williams, Implementing SAP ERP Sales&amp;Distribution, McGraw Hill Professional, 2008.</p> <p>J. Kappauf, B. Lauterbach, M. Koch, Logistics Core Operations with SAP, Springer, 2011</p>	
	eResources addresses	Adresy na platformie eNauczanie:	
<b>Example issues/ example questions/ tasks being completed</b>			
<b>Work placement</b>	Not applicable		

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