

COURSE DESCRIPTION CARD

NOTE: If the course includes lectures and classes, the Course Description Card applies to both types of instruction.

1. Course title:
Business Information Systems

2. Course code:
Number of ECTS credits: 3
Course completion mode: E
Course commenced / Year 2019/2020

3. Major: International Business

4. Department of major coordinator: department of Consumption Research

5. Name of course instructor:
Lecture Anna Sołtysik-Piorunkiewicz, PhD, Eng.
Classes Anna Sołtysik-Piorunkiewicz, PhD, Eng.
Examiner Anna Sołtysik-Piorunkiewicz, PhD, Eng.

6. Department of course instructor: Department of Informatics

7. Number of contact hours with students:

Type of instruction	Full-time study	Part-time study
lectures	14	
classes	14	
foreign language classes		
lab classes		
seminars		
e-learning		
other		
Total hours	28	
examination (hours)		

8. Course timeframe - no. of semesters: 1

Course commencement / Year 1

Course commencement / Semester 2

9. Level of tertiary education: Master

10. Course status
Compulsory for the major
International Business

11. Course prerequisites
Compulsory: Business Information Technology
Recommended:

12. Course objectives:

General: During the course, students receive knowledge on role and value of business information systems for support managerial process in the contemporary organizations. The course cover explanation of the genesis of information systems, presentation of the contemporary directions of development of information systems from different classes (domain information systems, integrated information systems, decision support information systems, expert systems, executive information systems, finance and banking information systems, marketing information systems) their role for development and realization of business strategy, explanation of general principles of design and implementation of the system, their influence on business, managerial processes and decision making.

Educational goals: student is able to solve the task and apply the chosen information systems

13. Teaching and learning methods:**A. Direct student-instructor contact:**

No.	Teaching methods	Description	Number of hours	
			Full-time study	Part-time study
1.	Lecture with multimedia application	Application of multimedia techniques for the lecture content presentation	15	
2.	Work in computer laboratory	Tasks concern application of SAP Business One at enterprise; classes should be in the multimedia computer labs with SAP BO	15	
3.				
...				
Total			AS:30	AN:

B. Self-study:

No.	Learning methods	Description	Number of hours	
			Full-time study	Part-time study
1.	Notes analysis	Analysis of basic concepts of the course	25	
2.	Computer exercises	Individual work with hardware and software	20	

3.				
...				
Total			BS:45	BN:

Total AS+BS = 75
Examination (E) = 0
Total AS+BS+E= 75

Total AN+BN = 75
Examination (E) = 0
Total AN+BN+E = 75

14. Key words:

Management Information System, integrated information systems, decision support system, information system design and implementation

15. Course content:

1. Organization and management information system, Strategic role of business information systems, Business information systems' generations, Information system analysis aspects, Influence of Information Technology on decision making and development of new organizational roles
2. New role of information in business, Business information systems at enterprises, Domain information systems
3. Integrated information systems, Decision support systems, Expert systems, Office information systems, Manufacturing Information systems
4. Implementation of information systems
5. Marketing information systems
6. Information systems strategic planning, Design and maintaining of the information systems
7. Knowledge based information system , e-business information systems; e-payment, e-commerce

16. Course learning outcomes as related to the learning outcomes of the major and methods for assessing student attainment

Intended learning outcomes of the major / Symbols	Intended learning outcomes of the course	Methods for assessing student learning outcomes	Documentation
<u>Knowledge</u>			
IB2_K03# IB2_K08#	1. Knows and understands the fundamental dilemmas of modern civilization and their consequences for international business with the awareness of corporate social responsibility. 2. Knows and understands the principles, conditions, forms and legal conditions of conducting business activity, in particular activities on international markets, based on knowledge in the field of the theory of social sciences, organizational sciences and management embedded in an international context.	Written assignment works, utilization of the acquired knowledge in tests or essay and presentation	Assignment questions, written works of the students
<u>Skills</u>			
IB2_S03# IB2_S05# IB2_S09#	1. Is able to critically select, use and adapt advanced methods and tools for data processing and analysis for professional preparation of forecasts and modelling socio-economic phenomena in an international context. Is able to search for sources of knowledge and experts in the environment and use their support in the preparation of their own studies.	Participation of the students in discussions	Open questionnaires

	Is able to use innovative tools, techniques and forms of communication with stakeholders representing diverse cultural environments in an international context. 2. Is able to formulate research questions and seek their explanation. Can formulate and test hypotheses related to simple research problems.		
<u>Social competences</u>			
IB2_C02#	1. Is ready to recognize the importance of acquired knowledge in the field of international management and related academic disciplines in solving cognitive and practical problems and to seek expert opinions in the event of difficulties in solving the problem on their own.	Evaluation of task division in student team	Computer presentations

17. Method for determining the final course grade:

No.	Methods for awarding credits and course completion requirements	Description	Percentage of the final course grade*
1.	Test exam or essay	Test with open questions or writing the essay about management information systems	50%
2.	Individual presentation	Presentation of the usage of SAP Business One	30%
3.	Group report	Description and presentation of implementation of SAP Business One system in enterprise	20%

* If students are required to obtain both a class grade and an exam grade, the class grade constitutes at least 30% of the final course grade.

18. Reading list

Mandatory readings:

1. K. Laudon, J. Laudon: Essentials of Management Information Systems. Pearson, New Jersey 2011.
2. Information Management, Ed.: B. F. Kubiak, A. Korowicki, Gdańsk University Press, Gdańsk 2009.
3. Experimental Multimedia Systems for Interactivity and Strategic Innovation. eds. I Deliyannis, P. Kostagiolas, Ch. Banou, Hershey, IGI 2016.

Suggested readings:

1. Pańkowska M Sroka H. Management and Marketing Information Systems, AE Katowice, 2005
2. Lieslie K.J.: Information Systems, The State of the Field, Wiley & Sons, Chichester, 2006
3. Nabendu Ch.: Computer Information Systems - Analysis and Technologies, Springer-Verlag, Berlin, 2011

19. Language of instruction: English

20. Course instructors' recommendations:

Computer lab with SAP BO software, MS Office, Internet access