STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Management Information Systems**		Code **1011101361011163580**
Field of study **Engineering Management - Full-time studies -**	Profile of study (general academic, practical) **general academic**	Year /Semester **3 / 6**
Elective path/specialty **-**	Subject offered in: **Polish**	Course (compulsory, elective) **obligatory**

Cycle of study: **First-cycle studies**	Form of study (full-time,part-time) **full-time**

No. of hours Lecture: **15** Classes: **-** Laboratory: **-** Project/seminars: **-**	No. of credits **2**

Status of the course in the study program (Basic, major, other) **other**	(university-wide, from another field) **university-wide**

Education areas and fields of science and art **social sciences**	ECTS distribution (number and %**)** **2 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Knowledge of the fundamentals of management, the science of the organization and basics of computer science.
2	**Skills**	The student is able to perform basic computer programs.
3	**Social competencies**	Working in a group, interest in information techniques.

Assumptions and objectives of the course:

Understanding the role of information in the management, collection and processing of information, understanding the role of IT systems in decision-making and management.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. The student knows the methods and tools for data collection, processing, selection and distribution of information in the field of information management processes - [K2A_W11]

2. The student knows the methods and tools for process modeling in the management of information - [K2A_W13]

Skills:

1. Students can use the theoretical knowledge and gain data to analyze management information processes   - [K1A_U02]

2. He is aware that creating products that meet the needs of users requires a system approach including technical, economic, marketing, legal, organizational and financial issues   - [InzA_K02, K1A _K09]]

Social competencies:

1. Students can search and choose education & training to supplement their knowledge and skills - [K2A_K06]

Assessment methods of study outcomes

Formative assessment:

a) in the field of lectures: written test at the end of the lecture cycle.

Sumary:

a) in the field of lectures: score based on scores for each question.

Course description
The role of information in the management process. The concept of information processes. Sources of information and their characteristics. Identification of information processes. Methods and ways of gathering information. Stock information. Selection and distribution of information. Spatial information systems. ICT support information processes. The processing of information in decision-making. Security of information processes. Social communication. Didactic methods: -Information lecture. -Work with a book.

Basic bibliography:

1. Adamczyk M., Jurga A., i inni, Projektowanie systemów informacyjnych zarządzania Wyd. Politechniki Poznańskiej Poznań 2010.

2. Nowicki A., Sitarska M. (red.) Procesy informacyjne w zarządzaniu Wyd. Uniwersytetu Ekonomicznego Wrocław 2010.

3. Kisielnicki J, Sroka H. Systemy informacyjne biznesu. Informatyka dla zarządzania Placet Warszawa 2005.

4. Kenneth C., Laudon J.P. Management Information Systems Prentice Hall New Jersay 2001.

Additional bibliography:

1. O'Brien J., Marakas G. Enterprise Information Systems McGraw Hill Australia 2008.

2. Stefanowicz B., Informacyjne systemy zarządzania: przewodnik, Oficyna Wyd. Szkoły Głównej Handlowej, Warszawa, 2001.

Result of average student's workload

Activity	Time (working hours)
1. Lecture	15
2. Consultations	15
3. Student	15
4. Final test	5

Student's workload

Source of workload	hours	ECTS
Total workload	50	2
Contact hours	35	1
Practical activities	0	0