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Course title: HISTORY OF COMPUTER SCIENCE

ECTS credit allocation (and other scores): 1

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Natural sciences

Language: English

Number of hours per semester: 15 lectures

Course coordinator/ Department and e-mail: Erasmus coordinator Anna Szczepkowska/ WMil,  
erasmuswmil.uwm.edu.pl

Type of classes: classes and lectures

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Substantive content

LECTURES:

General knowledge on computer science sources and historical factors shaping the concepts in information technology; the motivation to use knowledge of the history of computer science at work and everyday life

Learning purpose:

The aim of the course is to familiarize students with the currently commonly used Data Science tools and to teach them the ability to choose a tool for data analysis and the initial use of selected computer programs dedicated to advanced data analysis techniques.

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On completion of the study programme the graduate will gain:

Knowledge:

the student has knowledge of the development trends of computer science and its importance in science and culture.

Skills

The student is able to use the available sources and draw conclusions

Social competence

The student understands the importance and impact of activities in the field of computer science to other fields.

The student knows the history and importance of applications available on the principles of an open license.

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Basic literature:

1) W. Duch, Fascynujący świat komputerów, wyd. NAKOM, 1997 ; 2) P. Gawrysiak, Cyfrowa rewolucja. Rozwój cywilizacji informatycznej, wyd. PWN MIKOM, 2008 ; 3) H. Kaufmann, Dzieje komputerów, wyd. PWN, 1980

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 0,5 ECTS points,



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Student's independent work: 0,5 ECTS points,