Course description form (syllabus form) – for 1st and 2nd cycle studies

**A. General data**

|  |  |  |
| --- | --- | --- |
| **Name of the field** | | **Content** |
| Course title | | Business Intelligence |
| Organizational unit: | | Faculty of Management |
| Organizational unit where the course is offered: | | Faculty of Management |
| Course ID | |  |
| Erasmus code / ISCED | |  |
| Course groups | |  |
| Period when the course is offered | | Academic year: 2024/2025; winter semester |
| Short description | | The aim of the course is to present students basic information about Business Intelligence and to carry out basic exercises in the MS Power BI application. |
| Type of course: | | seminar |
| Full description | | 1. Lecture part contains subjects:    1. Introduction to Business Intelligence Systems    2. Technobabble: Components of a Business Intelligence Architecture 2. Practical part contains subjects:    1. Import Data from txt / xlss file    2. Power BI Desktop Modelling    3. Desktop Visualization |
| Prerequisites | Formal | Basic computer skills. |
| Initial | Basic MS Excel skills. |
| Learning outcomes | | After completing the course, it is assumed that the student will be able to characterize the concept of Business Intelligence and its key elements. In the practical area, it is assumed that the student will use the MS Power BI application at a basic level. |
| ECTS credit allocation (and other scores) | |  |
| Assessment methods and assessment criteria | | Practice exercise in MS Power BI |
| Examination | | Exercise in MS Power BI application. 60% pass. |
| Type of class | | Seminar, lecture with elements of exercises in the computer lab. |
| Sposób realizacji przedmiotu | | lecture with elements of exercises in the computer lab. |
| Language | | English |
| Bibliography | | Successful Business Intelligence; Second Edition; Unlock the Value of BI & Big Data; Cindi Howson |
| Internship as part of the course | |  |
| Coordinators | | **Marek Zborowski** |
| Group instructors | | **Marek Zborowski** |
| Notes | |  |

**B. Detailed data**

|  |  |
| --- | --- |
| **Name of the field** | **Content** |
| Group instructors: | **Marek Zborowski** |
| Title | **Business Intelligence** |
| Type of class: | seminar |
| Learning outcomes defined for didactic method used during the course | After completing the course, it is assumed that the student will be able to characterize the concept of Business Intelligence and its key elements. In the practical area, it is assumed that the student will use the MS Power BI application at a basic level. |
| Assessment methods and assessment criteria for didactic method used during the course | Practise exercise |
| Examination for didactic method used during the course | Practise exercise |
| Range of content | The use of new technologies in management |
| Didactic methods | Lecture, practise exercise |
| Bibliography | Successful Business Intelligence; Second Edition; Unlock the Value of BI & Big Data; Cindi Howson |
| Group limit |  |
| Time span |  |
| Location |  |