

## Subject card

|                                             |                                                                                                                                                                                                         |                                                          |                                         |                                     |                                                                                   |            |     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Social statistics and quantitative methodology, PG_00149149                                                                                                                                             |                                                          |                                         |                                     |                                                                                   |            |     |
| Field of study                              | Political Studies                                                                                                                                                                                       |                                                          |                                         |                                     |                                                                                   |            |     |
| Date of commencement of studies             | October 2024                                                                                                                                                                                            |                                                          | Academic year of realisation of subject |                                     | 2025/2026                                                                         |            |     |
| Education level                             | Bachelor's studies                                                                                                                                                                                      |                                                          | Subject group                           |                                     | Obligatory subject group in the field of study<br>Humanistic-social subject group |            |     |
| Mode of study                               | full-time studies                                                                                                                                                                                       |                                                          | Mode of delivery                        |                                     | at the university                                                                 |            |     |
| Year of study                               | 2                                                                                                                                                                                                       |                                                          | Language of instruction                 |                                     | Polish<br>no                                                                      |            |     |
| Semester of study                           | 4                                                                                                                                                                                                       |                                                          | ECTS credits                            |                                     | 2.0                                                                               |            |     |
| Learning profile                            | academic                                                                                                                                                                                                |                                                          | Assessment form                         |                                     | credit                                                                            |            |     |
| Conducting unit                             | Division of Political Theory -> Institute of Political Science -> Faculty of Social Sciences -> Rector                                                                                                  |                                                          |                                         |                                     |                                                                                   |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                      |                                                          | dr Dominik Bień                         |                                     |                                                                                   |            |     |
|                                             | Teachers                                                                                                                                                                                                |                                                          | dr Dominik Bień                         |                                     |                                                                                   |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                             | Lecture                                                  | Tutorial                                | Laboratory                          | Project                                                                           | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                                   | 0.0                                                      | 15.0                                    | 0.0                                 | 0.0                                                                               | 0.0        | 15  |
|                                             | E-learning hours included: 0.0                                                                                                                                                                          |                                                          |                                         |                                     |                                                                                   |            |     |
| Learning activity and number of study hours | Learning activity                                                                                                                                                                                       | Participation in didactic classes included in study plan |                                         | Participation in consultation hours |                                                                                   | Self-study | SUM |
|                                             | Number of study hours                                                                                                                                                                                   | 15                                                       |                                         | 0.0                                 |                                                                                   | 35.0       | 50  |
| Subject objectives                          | Acquire the knowledge and skills to design and conduct surveys (in traditional or online form), process the data in SPSS software, and present them in the form of a report or multimedia presentation. |                                                          |                                         |                                     |                                                                                   |            |     |

| Learning outcomes | Course outcome                                                                                                                                                                                                                                         | Subject outcome                                                                                                                                                      | Method of verification                                                                                                                             |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | [POLL3_K03] Is ready to define priorities for achieving the tasks set for himself or others.                                                                                                                                                           | Based on the recognized research methods and techniques, he is ready to determine the goals and priorities in the conducted research                                 | [SK1] oral statement/conversation/discussion<br>[SK8] observation of student's independent or team work                                            |
|                   | [POLL3_U08] Can use research methods and techniques to describe and analyse political phenomena.                                                                                                                                                       | Can use quantitative research methods and techniques and quantitative data to describe political phenomena                                                           | [SU1] oral statement/conversation/discussion                                                                                                       |
|                   | [POLL3_K04] Is prepared to work in public organisations and institutions, including public administration bodies, political parties and other national and international organisations.                                                                | Is prepared to work in organizations and institutions in the application of quantitative methods, conduct basic research in this field and analyze quantitative data | [SK1] oral statement/conversation/discussion<br>[SK2] presentation/project/paper/report<br>[SK8] observation of student's independent or team work |
|                   | [POLL3_K01] Is prepared to participate in public life and in teams implementing social, political and civic projects at various levels of participation, and uses the acquired knowledge, skills and competencies to act in an entrepreneurial manner. | Is prepared to participate in the public life of working in teams using or employing quantitative data teams in their operations                                     | [SK1] oral statement/conversation/discussion<br>[SK3] text preparation/written work<br>[SK8] observation of student's independent or team work     |
|                   | [POLL3_W15] Has knowledge of important structures, processes and phenomena related to the history of Poland, Europe, and the world.                                                                                                                    | Has knowledge, based on quantitative data, of significant events of processes and structures in the national and international area                                  | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report                                                            |
|                   | [POLL3_U03] Is able to analyse and describe the genesis and course of social, political, economic, legal, ethical and cultural processes and phenomena in historical terms and in the contemporary country and the world.                              | Using the conceptual apparatus and selected quantitative research techniques, is able to describe selected areas of social and political reality                     | [SU1] oral statement/conversation/discussion<br>[SU3] text preparation/written work                                                                |
|                   | [POLL3_U12] Can analyse, evaluate, and use the content of the media message                                                                                                                                                                            | Has the ability to analyze media messages especially the quantitative data present in them                                                                           | [SU1] oral statement/conversation/discussion<br>[SU8] observation of student's independent or team work                                            |
|                   | [POLL3_W06] Has knowledge of political, cultural, economic, legal and ethical structures, their origins and changes.                                                                                                                                   | Has knowledge based on quantitative data and the changes illustrated by these data in terms of political, social, cultural reality, etc.                             | [SW1] oral statement/conversation/discussion                                                                                                       |
|                   | [POLL3_W13] Has knowledge of the mass media and their role in society.                                                                                                                                                                                 | Has knowledge related to the use of quantitative data, questionnaires, surveys in mass media                                                                         | [SW1] oral statement/conversation/discussion<br>[SW5] implementation of a problem task                                                             |
|                   | [POLL3_W14] Has extended knowledge of the political organization of societies, transformation processes and relations and bonds at the local, regional and global levels in the scope of the selected module (specialization).                         | Has knowledge related to quantitative data on regional, national and global changes in social and economic contexts                                                  | [SW1] oral statement/conversation/discussion<br>[SW5] implementation of a problem task                                                             |
|                   | [POLL3_W10] Knows the directions and methodology of political sciences research and their relations with other disciplines of social sciences and humanities.                                                                                          | Knows the basic methods of quantitative research based on questionnaire surveys                                                                                      | [SW1] oral statement/conversation/discussion<br>[SW3] text preparation/written work                                                                |

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|---------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Subject contents                | The following topics will be covered during the sessions:                       |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | definition, characteristics and basic principles of quantitative research       |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Basic statistical concepts                                                      |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Planning quantitative research                                                  |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Characteristics of questionnaire-based research                                 |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Designing a survey questionnaire                                                |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Uploading the survey questionnaire to selected survey platforms                 |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Using SPSS for statistical data analysis                                        |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Presenting research results in the form of reports and multimedia presentations |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
| Prerequisites and co-requisites | Knowledge of basic concepts and issues in the methodology of social sciences    |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
| Assessment methods and criteria | Subject passing criteria                                                        | Passing threshold                                                                                                                                                                                                                                                                                                                                                                                         | Percentage of the final grade |
|                                 | science project                                                                 | 51.0%                                                                                                                                                                                                                                                                                                                                                                                                     | 80.0%                         |
|                                 | student activity                                                                | 100.0%                                                                                                                                                                                                                                                                                                                                                                                                    | 20.0%                         |
| Recommended reading             | Basic literature                                                                | Babbie E. (2020). Badania społeczne w praktyce. Warszawa 2021<br><br>Frankfort-Nachmias Ch. Nachmias D., Metody badawcze w naukach społecznych, Poznan, 2001<br><br>Sawinski S., Sztabinski P. B., Sztabinski F. (red.), Podrecznik ankietera, Warszawa 2000<br><br>Gorniak J., Pierwsze kroki w analizie danych : SPSS for Windows, Krakow 2004<br><br>Siuda P. (red.), Metody badan online, Gdansk 2016 |                               |
|                                 | Supplementary literature                                                        | Jenkins-Smith H.C., Quantitative Research Methods for Political Science, Public Policy and Public Administration: 3rd Edition With Applications in R, Oklahoma, 2017,<br><br>McNabb D. E., Research Methods for Political Science. Quantitative and Qualitative Methods. New York 2010.                                                                                                                   |                               |
|                                 | eResources addresses                                                            |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|                                 | Example issues/<br>example questions/<br>tasks being completed                  | What is quantitative research?<br>What does a survey questionnaire consist of?<br>What types of survey questions are there?<br>What is SPSS and what are its basic functions?                                                                                                                                                                                                                             |                               |
| Work placement                  | Not applicable                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                           |                               |

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