

## Subject card

|                                             |                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Subject name and code                       | History and exploitation of useful plants, PG_00207434                                                                                                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |
| Field of study                              | Biology                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |
| Date of commencement of studies             | October 2026                                                                                                                                                                                                                                                                                                                                                      |                                                          | Academic year of realisation of subject                                                                                                                           |                                     |         | 2028/2029                                                                                                                                      |     |
| Education level                             | Bachelor's studies                                                                                                                                                                                                                                                                                                                                                |                                                          | Subject group                                                                                                                                                     |                                     |         | Obligatory subject group in the field of study<br>Optional subject group<br>Subject group related to scientific research in the field of study |     |
| Mode of study                               | full-time studies                                                                                                                                                                                                                                                                                                                                                 |                                                          | Mode of delivery                                                                                                                                                  |                                     |         | at the university                                                                                                                              |     |
| Year of study                               | 3                                                                                                                                                                                                                                                                                                                                                                 |                                                          | Language of instruction                                                                                                                                           |                                     |         | Polish                                                                                                                                         |     |
| Semester of study                           | 5                                                                                                                                                                                                                                                                                                                                                                 |                                                          | ECTS credits                                                                                                                                                      |                                     |         | 1.0                                                                                                                                            |     |
| Learning profile                            | academic                                                                                                                                                                                                                                                                                                                                                          |                                                          | Assessment form                                                                                                                                                   |                                     |         | credit                                                                                                                                         |     |
| Conducting unit                             | Department of Plant Ecology -> Faculty of Biology -> Rector                                                                                                                                                                                                                                                                                                       |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                                                                                                                |                                                          | dr hab. Monika Badura                                                                                                                                             |                                     |         |                                                                                                                                                |     |
|                                             | Teachers                                                                                                                                                                                                                                                                                                                                                          |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |
| Lesson types                                | Lesson type                                                                                                                                                                                                                                                                                                                                                       | Lecture                                                  | Tutorial                                                                                                                                                          | Laboratory                          | Project | Seminar                                                                                                                                        | SUM |
|                                             | Number of study hours                                                                                                                                                                                                                                                                                                                                             | 15.0                                                     | 0.0                                                                                                                                                               | 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                                                       |                                                                                                                                                                   | 1.0                                 |         | 9.0                                                                                                                                            | 25  |
| Subject objectives                          | 1. knowledge of the main issues relating to the history of useful plants, both cultivated and wild2. knowledge of the use of selected groups of useful plants throughout history3. an understanding of the links between plants and the development of human culture                                                                                              |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |
| Learning outcomes                           | Course outcome                                                                                                                                                                                                                                                                                                                                                    |                                                          | Subject outcome                                                                                                                                                   |                                     |         | Method of verification                                                                                                                         |     |
|                                             | [BIOLL3_W07] knows the development of biology as a science, its connections with other disciplines and the principles of using biological knowledge in the economy and social life, including ways that are entrepreneurial                                                                                                                                       |                                                          | explains the connections between advances in biology and other disciplines, particularly in the context of their application in the economy and business.         |                                     |         | [SW4] test/exam - oral or written<br>[SW1] oral statement/ conversation/discussion                                                             |     |
|                                             | [BIOLL3_U07] is able to present and justify her/his adopted position, using appropriate scientific argumentation, adapted to various audiences, and take part in discussions or debates                                                                                                                                                                           |                                                          | is able to discuss and present their own views on the use of plants, using appropriate terminology that is understandable to both specialists and non-specialists |                                     |         | [SU1] oral statement/conversation/ discussion<br>[SU4] test/exam - oral or written                                                             |     |
|                                             | [BIOLL3_K01] is ready to critically evaluate her/his biological knowledge and continuously update and develop it, taking into account scientific advances and the needs of practice                                                                                                                                                                               |                                                          | knows the limits of their own biological knowledge and understands the need for continuous learning and development                                               |                                     |         | [SK1] oral statement/conversation/ discussion<br>[SK4] test/exam - oral or written                                                             |     |
| Subject contents                            | Methods of studying the history of useful plants. Review of theory and recent research on how and where plants were domesticated. Plants in world beliefs and religions. Medicinal plants. Industrial plants. The use of germplasm plants. Useful plants in ancient urban centres in Europe. Useful plants in other non-European cultures. Plant elements in art. |                                                          |                                                                                                                                                                   |                                     |         |                                                                                                                                                |     |

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|---------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Prerequisites and co-requisites | basic knowledge of morphology, anatomy, systematics and ecology of plants and fungi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |
| Assessment methods and criteria | Subject passing criteria                                                             | Passing threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Percentage of the final grade |
|                                 | longer written statement                                                             | 51.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100.0%                        |
| Recommended reading             | Basic literature                                                                     | Badura M. 2011. Rośliny użytkowe w dawnym Gdańsku. Studium archeobotaniczne. Wyd. UG, Gdańsk.<br><br>Podbielkowski Z. 1992. Rośliny użytkowe. WSiP, Warszawa.<br><br>Prance G., Nesbit M. 2005. The cultural history of plants. New York: Routledge.<br><br>Zohary D., Hopf M. 2001. Domestication of Plants in the Old World. The Origin and Spread of Cultivated Plants in West Asia, Europe and the Nile Valley. Oxford Univ. Press, New York.<br><br>Hobhouse H. 2001. Ziarna zmian. Sześć roślin, które zmieniły oblicze świata. Warszawskie Wyd. Literackie Muza SA, Warszawa. |                               |
|                                 | Supplementary literature                                                             | Cappers R.T.J. 2012. Handbook of plant palaeoecology. Barkhuis. Groningen.<br><br>Łuczaj Ł. 2004. Dzikie rośliny jadalne Polski. Przewodnik survivalowy. Chemigrafia, Krosno.<br><br>Łuczaj Ł. 2013. Dzika kuchnia. Wyd. Nasza Księgarnia, Warszawa.                                                                                                                                                                                                                                                                                                                                 |                               |
|                                 | eResources addresses                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |
|                                 | Example issues/<br>example questions/<br>tasks being completed                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |
| Work placement                  | Not applicable                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |

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