

## Subject card

|                                             |                                                                                                                                                                                                                                                                     |                                                          |                                                                                                    |                                     |                                   |            |     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------|------------|-----|
| Subject name and code                       | Food Safety Management in Practice, PG_00208852                                                                                                                                                                                                                     |                                                          |                                                                                                    |                                     |                                   |            |     |
| Field of study                              | Finance and Accounting, Informatics and Econometrics, Management                                                                                                                                                                                                    |                                                          |                                                                                                    |                                     |                                   |            |     |
| Date of commencement of studies             | October 2026                                                                                                                                                                                                                                                        |                                                          | Academic year of realisation of subject                                                            |                                     | 2026/2027                         |            |     |
| Education level                             | Bachelor's studies                                                                                                                                                                                                                                                  |                                                          | Subject group                                                                                      |                                     | Optional subject group            |            |     |
| Mode of study                               | part-time studies                                                                                                                                                                                                                                                   |                                                          | Mode of delivery                                                                                   |                                     | at the university                 |            |     |
| Year of study                               | 1                                                                                                                                                                                                                                                                   |                                                          | Language of instruction                                                                            |                                     | Polish                            |            |     |
| Semester of study                           | 2                                                                                                                                                                                                                                                                   |                                                          | ECTS credits                                                                                       |                                     | 2.0                               |            |     |
| Learning profile                            | academic                                                                                                                                                                                                                                                            |                                                          | Assessment form                                                                                    |                                     | credit                            |            |     |
| Conducting unit                             |                                                                                                                                                                                                                                                                     |                                                          |                                                                                                    |                                     |                                   |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                  |                                                          | dr inż. Ewa Malinowska                                                                             |                                     |                                   |            |     |
|                                             | Teachers                                                                                                                                                                                                                                                            |                                                          |                                                                                                    |                                     |                                   |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                                                                                         | Lecture                                                  | Tutorial                                                                                           | Laboratory                          | Project                           | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                                                                                               | 8.0                                                      | 0.0                                                                                                | 0.0                                 | 0.0                               | 0.0        | 8   |
|                                             | 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                                                                                                                                                                                                                                               | 8                                                        |                                                                                                    | 1.0                                 |                                   | 41.0       | 50  |
| Subject objectives                          | The objective of this course is to familiarize students with the types of food hazards and practical ways to eliminate them.                                                                                                                                        |                                                          |                                                                                                    |                                     |                                   |            |     |
| Learning outcomes                           | Course outcome                                                                                                                                                                                                                                                      |                                                          | Subject outcome                                                                                    |                                     | Method of verification            |            |     |
|                                             | [FiRL3_W01] Has advanced knowledge and understanding of the nature and evolution of management, quality, economics, and finance theories and their place in the social sciences system, particularly from the perspectives of finance and accounting                |                                                          | The student is able to classify and describe basic food hazards and explain how to eliminate them. |                                     | [SW4] test/exam - oral or written |            |     |
|                                             | [liEL3_W01] Knows and understands to an advanced degree the nature and evolution of theories in management, quality sciences, economics, and finance, along with their place in the social sciences system —especially in applying informatics or statistics tools. |                                                          | The student is able to classify and describe basic food hazards and explain how to eliminate them. |                                     | [SW4] test/exam - oral or written |            |     |
|                                             | [ZARZL3_W01] Has advanced knowledge and understanding of the nature and evolution of management, quality sciences, economics, and finance theories, along with their place in the social sciences system —particularly their relevance to business decision-making  |                                                          | The student is able to classify and describe basic food hazards and explain how to eliminate them. |                                     | [SW4] test/exam - oral or written |            |     |
| Subject contents                            | 1. Definition and Origins of Food Safety.<br>2. Types of Food Hazards.<br>3. A Practical Approach to Eliminating Food Hazards.                                                                                                                                      |                                                          |                                                                                                    |                                     |                                   |            |     |

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| Prerequisites and co-requisites                                |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |
| Assessment methods and criteria                                | Subject passing criteria | Passing threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Percentage of the final grade |
|                                                                | written test             | 51.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100.0%                        |
| Recommended reading                                            | Basic literature         | <div>1. Gawęcki, J., &amp; Krejpcio, Z. (Red.). (2014). Bezpieczeństwo żywności i żywienia. Wydawnictwo Uniwersytetu Przyrodniczego w Poznaniu.</div> <div>2. Malinowska, E., Szymańska-Brałkowska, M. (2021). Zapewnienie bezpieczeństwa żywności w gastronomii w dobie pandemii COVID-19 studium przypadku. Problemy Jakości, 53(2), 29. <a href="https://doi.org/10.15199/46.2021.2.1">https://doi.org/10.15199/46.2021.2.1</a></div> <div>3. Niewczas-Dobrowolska, M. (2020). Jakość i bezpieczeństwo żywności: Systemy, postawy, konsumenci. Wydawnictwo Naukowe PTTŻ.</div> <div>4. Wiśniewska, M. Z., Malinowska, E., &amp; Piekarska, K. (2018). Kultura bezpieczeństwa żywności w teorii i praktyce. Problemy Jakości, 50(11), 715. <a href="https://doi.org/10.15199/48.2018.11.1">https://doi.org/10.15199/48.2018.11.1</a></div>                                                                                                                                    |                               |
|                                                                | Supplementary literature | <div>1. Batt, C. A. (2016). Chemical and physical hazards in food. W C. A. Batt (Red.), Reference module in food science. Elsevier. <a href="https://doi.org/10.1016/B978-0-08-100596-5.03437-5">https://doi.org/10.1016/B978-0-08-100596-5.03437-5</a></div> <div>2. Esposito, F., &amp; Cirillo, T. (2024). Risk assessment of microbiological and chemical hazards in foods. Foods, 13(13), 1956. <a href="https://doi.org/10.3390/foods13131956">https://doi.org/10.3390/foods13131956</a></div> <div>3. Turlejska, H. (2003). Zasady GHP/GMP oraz system HACCP jako narzędzia zapewnienia bezpieczeństwa zdrowotnego żywności: Poradnik dla przedsiębiorcy. Fundacja Programów Pomocy dla Rolnictwa.</div> <div>4. Weinroth, M. D., Belk, A. D., &amp; Belk, K. E. (2018). History, development, and current status of food safety systems worldwide. Animal Frontiers, 8(4), 915. <a href="https://doi.org/10.1093/af/vfy016">https://doi.org/10.1093/af/vfy016</a></div> |                               |
|                                                                | eResources addresses     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |
| Example issues/<br>example questions/<br>tasks being completed |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |
| Work placement                                                 | Not applicable           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |

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