

## Subject card

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                         |                                     |                                                                                                                                       |            |     |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Neuro-developmental Disorders in the Practice of Speech Therapy II, PG_00150714                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                         |                                     |                                                                                                                                       |            |     |
| Field of study                              | Logopedics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                         |                                     |                                                                                                                                       |            |     |
| Date of commencement of studies             | October 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          | Academic year of realisation of subject |                                     | 2029/2030                                                                                                                             |            |     |
| Education level                             | uniform Master's studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          | Subject group                           |                                     | Obligatory subject group in the field of study<br>Optional subject group<br>Subject group related to practical vocational preparation |            |     |
| Mode of study                               | full-time studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          | Mode of delivery                        |                                     | at the university                                                                                                                     |            |     |
| Year of study                               | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          | Language of instruction                 |                                     | Polish                                                                                                                                |            |     |
| Semester of study                           | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          | ECTS credits                            |                                     | 2.0                                                                                                                                   |            |     |
| Learning profile                            | practical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          | Assessment form                         |                                     | exam                                                                                                                                  |            |     |
| Conducting unit                             | Institute of Logopaedics -> Faculty of Languages -> Rector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                         |                                     |                                                                                                                                       |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          | dr hab. Katarzyna Kaczorowska-Bray      |                                     |                                                                                                                                       |            |     |
|                                             | 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                                 |                                                                                                                                       | 34.0       | 50  |
| Subject objectives                          | The purpose of the conversion course is for the student to learn about the conditions of normal psychomotor development and the most commonly noted causes of neurodevelopmental disorders in children. The student learns the characteristics of a group of children at risk, with particular emphasis on children born prematurely, children with genetic defects and perinatal damage. He or she learns the principles and stages of early speech therapy diagnosis and the most frequently noted speech therapy problems in the group of children requiring early support. |                                                          |                                         |                                     |                                                                                                                                       |            |     |

| Learning outcomes               | Course outcome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Subject outcome                                                                                                                                                                                                                                                                                                                                               | Method of verification                                                                                                                                                                       |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | [LOGJ5_U04] Can independently diagnose speech development disorders, language problems, speech disorders, literacy disorders and intake difficulties, indicate their etiology and program preventive measures and speech therapy according to the disorder, including in the case of complex medical disorders, including neurological disorders.                                                                                                                                                                                                                                                                                                                                                                          | Can independently indicate the cause of speech and language development disorders in a group of children with neurodevelopmental disorders and carry out speech therapy diagnosis, properly selecting methods and diagnostic tools.                                                                                                                           | [SU1] oral statement/conversation/discussion<br>[SU2] presentation/project/paper/report<br>[SU8] observation of student's independent or team work                                           |
|                                 | [LOGJ5_U05] Can independently program measures to prevent speech and language and voice disorders for people at risk of developing them.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Can perceive the risk of problems in communication and food intake noted in a group of children with neurodevelopmental disorders, and program preventive measures.                                                                                                                                                                                           | [SU1] oral statement/conversation/discussion<br>[SU2] presentation/project/paper/report<br>[SU5] implementation of a problem task                                                            |
|                                 | [LOGJ5_K06] Can independently and critically supplement knowledge and skills in medicine, social sciences and fields useful to speech therapists.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | He understands the need to expand his knowledge of medicine, social sciences and fields useful to speech therapists and to learn new methods and techniques used in speech therapy.                                                                                                                                                                           | [SK1] oral statement/conversation/discussion<br>[SK2] presentation/project/paper/report                                                                                                      |
|                                 | [LOGJ5_W04] Has an in-depth, structured knowledge of linguistic development in normal and pathology, as well as factors affecting its course.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Has an in-depth, structured knowledge of normal and pathological child development and the factors affecting its course, which can also cause communication disorders. Understands the causes of neurodevelopmental disorders in children and knows the disorders of speech and language development, noted in this group, the principles of their diagnosis. | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report                                                                                                      |
|                                 | [LOGJ5_W06] Has a structured and in-depth knowledge to program speech therapy for children with coupled developmental problems of complex etiology (cognitive deficits, sensory deficits and neurological damage).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Has an in-depth knowledge of the principles and methods of speech therapy programming in a group of children with neurodevelopmental disorders.                                                                                                                                                                                                               | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report<br>[SW5] implementation of a problem task                                                            |
|                                 | [LOGJ5_W05] He has the knowledge to independently diagnose speech and language development disorders and feeding disorders in children with complex neurological disorders and genetic defects, as well as coupled developmental problems, including sensory and cognitive deficits.                                                                                                                                                                                                                                                                                                                                                                                                                                       | Has the knowledge to independently diagnose speech and language development disorders and feeding disorders in children with neurodevelopmental disorders.                                                                                                                                                                                                    | [SW1] oral statement/conversation/discussion<br>[SW2] presentation/project/paper/report<br>[SW5] implementation of a problem task                                                            |
|                                 | [LOGJ5_U06] He has in-depth skills in identifying biomedical and psychological conditions of language problems and dysphagia in the patient, can analyze and interpret information gathered from medical and psychological sources and, using medical terminology, explain complex speech therapy problems.                                                                                                                                                                                                                                                                                                                                                                                                                | Has in-depth skills in identifying the biomedical and psychological determinants of speech therapy problems in their patients. knows how to use medical and psychological sources when analyzing and interpreting patient information.                                                                                                                        | [SU1] oral statement/conversation/discussion<br>[SU2] presentation/project/paper/report<br>[SU5] implementation of a problem task<br>[SU8] observation of student's independent or team work |
| Subject contents                | Problems of the conversation: <ul style="list-style-type: none"> <li>• The conditions for normal psychomotor development (normal pregnancy and birth, good condition of the newborn, properly functioning sensory organs, proper feeding, absence of parafunctions, etc.);</li> <li>• Symptoms of concern manifested in the orofacial sphere;</li> <li>• the most commonly noted causes of neurodevelopmental disorders in children;</li> <li>• Children at risk for neurodevelopmental disorders (prematurely born children, children with genetic defects and perinatal damage);</li> <li>• principles and stages of early speech therapy diagnosis,</li> <li>• tools used in early speech therapy diagnosis.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                              |
| Prerequisites and co-requisites |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                              |

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| Assessment methods and criteria | Subject passing criteria                                          | Passing threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Percentage of the final grade |
|                                 | develop and present an issue indicated by the exercise instructor | 51.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 70.0%                         |
|                                 | Active attendance in class                                        | 75.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30.0%                         |
| Recommended reading             | Basic literature                                                  | <ul style="list-style-type: none"><li>Cieszyńska-Rożek, J., Sobolewski, P., Grzesiak-Witek, D. (red.) (2018). Zaburzenia mowy w wybranych zespołach uwarunkowanych genetycznie. Lublin: Wydawnictwo Czelej.</li><li>Kaczorowska-Bray, K. (2012). Diagnostyka we wczesnej interwencji logopedycznej. W: E. Czaplewska, S. Milewski (red.), Diagnostyka logopedyczna, red. E. Czaplewska, S. Milewski. Gdańsk: Gdańskie Wydawnictwo Psychologiczne, s. 223-262.</li><li>Śmigiel, R., Szczaluba, K. (red.) (2021). Genetycznie uwarunkowane zaburzenia rozwoju u dzieci. Warszawa: PZWL.</li><li>Kaczorowska-Bray, K., Milewski, S. (red.) (2016). Wczesna interwencja logopedyczna. Gdańsk: Harmonia Universalis.</li><li>Milewski, S., Kuczkowski, J., Kaczorowska-Bray, K. (red.) (2014). Biomedyczne podstawy logopedii. Gdańsk: Harmonia Universalis.</li></ul> |                               |
|                                 | Supplementary literature                                          | <ul style="list-style-type: none"><li>Kaczorowska-Bray, K., Zielińska-Burek, M. (2012). Zaburzenia rozwoju psychoruchowego wpływające na rozwój mowy i języka dzieci przedwcześnie urodzonych. W: I. Nowakowska-Kempna (red.), Studia z logopedii i neurologopedii. Kraków: Wydawnictwo WAM, s. 55-94.</li><li>Kaczorowska-Bray, K., Czaplewska, E. (2012). Dzieci przedwcześnie urodzone jako grupa zagrożona ryzykiem nieprawidłowego rozwoju mowy i języka. W: S. Milewski, K. Kaczorowska-Bray (red.), Logopedia wybrane aspekty historii, teorii i praktyki. Gdańsk: Harmonia Universalis, s. 283-298.</li></ul>                                                                                                                                                                                                                                             |                               |
|                                 | eResources addresses                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |
|                                 | Example issues/<br>example questions/<br>tasks being completed    | Child of the risk group of developmental disorders. Teratogenic factors and speech and language development. Early speech therapy diagnosis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |
| Work placement                  | Not applicable                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |

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