

## Subject card

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|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Diagnosis and Speech Therapy of Children with Infantile Cerebral Palsy - lecture, PG_00151599                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |                                         |                                     |                                                                                                             |            |     |
| Field of study                              | Logopedics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                                         |                                     |                                                                                                             |            |     |
| Date of commencement of studies             | October 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          | Academic year of realisation of subject |                                     | 2025/2026                                                                                                   |            |     |
| Education level                             | Master's studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          | Subject group                           |                                     | Obligatory subject group in the field of study<br>Subject group related to practical vocational preparation |            |     |
| Mode of study                               | part-time studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          | Mode of delivery                        |                                     | at the university                                                                                           |            |     |
| Year of study                               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          | Language of instruction                 |                                     | Polish                                                                                                      |            |     |
| Semester of study                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          | ECTS credits                            |                                     | 2.0                                                                                                         |            |     |
| Learning profile                            | practical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          | Assessment form                         |                                     | credit                                                                                                      |            |     |
| Conducting unit                             | Institute of Logopaedics -> Faculty of Languages -> Rector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                                         |                                     |                                                                                                             |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          | dr hab. Katarzyna Kaczorowska-Bray      |                                     |                                                                                                             |            |     |
|                                             | Teachers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          | dr hab. Katarzyna Kaczorowska-Bray      |                                     |                                                                                                             |            |     |
| 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                                                       |                                         | 2.0                                 |                                                                                                             | 33.0       | 50  |
| Subject objectives                          | The student should know the definition of cerebral palsy and its aetiology. He/she should be able to characterise the axial symptoms and concomitant symptoms of this syndrome of disorders and know the symptomatic, causal and symptom-causal classifications of MPD. Know the characteristics of speech disorders noted in this group and of eating disorders. Be able to identify the appropriate form of speech therapy used in the early support of the speech development of a child with cerebral palsy and know what methods are used to support the child's development. |                                                          |                                         |                                     |                                                                                                             |            |     |

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| Learning outcomes               | Course outcome                                                                                                                                                                                                                                                                                   | Subject outcome                                                                                                                                                                                                                                                                           | Method of verification                                                            |
|                                 | [LOGMU2_U05] Can independently program measures to prevent speech and language disorders for people at risk of developing them.                                                                                                                                                                  | Be able to plan and carry out preventive actions aimed at preventing the worsening of speech development problems occurring in children with MPD.                                                                                                                                         | [SU1] oral statement/conversation/discussion<br>[SU4] test/exam - oral or written |
|                                 | [LOGMU2_W04] Has an in-depth, structured knowledge of linguistic development in norm and pathology and the factors affecting its course.                                                                                                                                                         | Has a comprehensive, in-depth and structured knowledge of speech development and its disorders noted in a group of people with cerebral palsy.                                                                                                                                            | [SW4] test/exam - oral or written<br>[SW1] oral statement/conversation/discussion |
|                                 | [LOGMU2_W05] He has the knowledge to independently diagnose speech and feeding disorders in children with complex neurological disorders and genetic defects.                                                                                                                                    | He is familiar with the full characteristics of the main syndromes of the disorders, identifying and extensively describing the axial disorders and associated disorders of MPD, including digestive problems, giving him the knowledge to carry out a full speech therapy diagnosis.     | [SW4] test/exam - oral or written<br>[SW1] oral statement/conversation/discussion |
|                                 | [LOGMU2_K01] He is ready to critically evaluate his linguistic (including speech therapy) knowledge and to modify and supplement it.                                                                                                                                                             | Understands the need for continuous development of knowledge in linguistics, speech therapy and related sciences. Understands the necessity of continuous improvement of acquired skills and enriching the range of working methods applied in speech therapy practice.                   | [SK1] oral statement/conversation/discussion<br>[SK4] test/exam - oral or written |
|                                 | [LOGMU2_U03] He has the ability to interpret, analyze the causes and course of linguistic and communicative processes and phenomena, substantively argue using his own views and those of other authors, formulate conclusions and create synthetic summaries using appropriate terminology.     | It has the ability to interpret, analyse the causes and course of language and communication processes and phenomena, and is able to construct a neurological opinion on the patient on the basis of data collected in the course of observation, diagnosis and interview.                | [SU4] test/exam - oral or written<br>[SU5] implementation of a problem task       |
|                                 | [LOGMU2_W06] Has a structured and in-depth knowledge to program speech therapy for children with coupled developmental problems of complex etiology.                                                                                                                                             | Is fully conversant with the principles of speech therapy for the child with MPD and has a structured and in-depth knowledge of how to construct a therapy programme, taking into account the speech therapy needs of children with combined developmental problems of complex aetiology. | [SW4] test/exam - oral or written<br>[SW1] oral statement/conversation/discussion |
| Subject contents                | Definitions and classifications of cerebral palsy; Aetiology of MPD including children at risk; Axial and concomitant symptoms found in people with MPD; speech disorders typical of MPD, including definitions and classifications of dysarthria; digestive problems encountered in this group. |                                                                                                                                                                                                                                                                                           |                                                                                   |
| Prerequisites and co-requisites |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                           |                                                                                   |
| Assessment methods and criteria | Subject passing criteria                                                                                                                                                                                                                                                                         | Passing threshold                                                                                                                                                                                                                                                                         | Percentage of the final grade                                                     |
|                                 | active presence in lectures                                                                                                                                                                                                                                                                      | 75.0%                                                                                                                                                                                                                                                                                     | 30.0%                                                                             |
|                                 | written colloquium in the form of a closed-question test to check the assumed learning outcomes                                                                                                                                                                                                  | 51.0%                                                                                                                                                                                                                                                                                     | 70.0%                                                                             |

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|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended reading                                            | Basic literature                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Dołęga Z. (2003). Promoting speech development in childhood - developmental regularities, diagnosis and prophylaxis. Katowice: Wydawnictwo Uniwersytetu Śląskiego.</li> <li>• Kaczorowska-Bray, K., Brzozowska-Misiewicz, I. (2012). Intellectual disability as a disorder that may co-occur with other syndromes. In J. J. Bleszyński, K. Kaczorowska-Bray (eds.), Diagnosis and speech therapy of people with intellectual disabilities. Theoretical determinants of the problem, ed. J. J. Bleszyński, K. Kaczorowska-Bray. Gdańsk: Harmonia Universalis.</li> <li>• Michalik M. (2015). Cerebral palsy in speech therapy theory and practice. Gdańsk: Harmonia Universalis.</li> <li>• Michałowicz R. (2001). Developmental defects and damage to the central nervous system arising in fetal life and in the perinatal and neonatal period. In: R. Michałowicz (ed.): Mózgowe porażenie dziecięce. Warsaw: Wydawnictwo Lekarskie PZWL.</li> <li>• Stecko E. (2002). Speech disorders in children - early diagnosis and speech therapy management.</li> </ul>                                                                                                                                                                                                                                                                                                |
|                                                                | Supplementary literature                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• Amiel-Tison C. (2008). Perinatal neurology. Wrocław: Elsevier Urban i partner.</li> <li>• Banaszek G. (2002). Infant development and its disorders and rehabilitation with the Vojta method. Bielsko-Biała: -medica press.</li> <li>• Bień A. M. (2009). Natural feeding. In: A. Bałanda (ed.): Opieka nad noworodkiem. Warsaw: Wydawnictwo Lekarskie PZWL. 107-125.</li> <li>• Domagalska M. (2008). Diagnostic aspects of the neurodevelopmental concept. In: M. Matyja, M. Domagalska (ed.): Basics of neurodevelopmental streamlining according to Berta and Karel Bobath. Katowice: Academy of Physical Education in Katowice. 108-127.</li> <li>• Borkowska M. (1989). Improvement of feeding activities. In: M. Borkowska (ed.): ABC of rehabilitation of children. Cerebral palsy. Volume II. Warsaw: Pelikan Publishing House. 90-114.</li> <li>• Borkowska M. (1997). Improvement of feeding activities and independent eating of disabled children. In: M. Borkowska (ed.): Dziecko niepełnosprawne ruchowo. Usprawnianie ruchowe. Warsaw: WSiP. 146-168.</li> <li>• Przyrowski Z. (2001). Basics of diagnosis and therapy of sensory integration. In: Cz. Szmigiel (ed.): Podstawy diagnostyki i rehabilitacji dzieci i młodzieży niepełnosprawnej. Volume I. Kraków: Bronisław Czech University of Physical Education in Kraków. 123-170</li> </ul> |
|                                                                | eResources addresses                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Example issues/<br>example questions/<br>tasks being completed | The aetiology of cerebral palsy. Axonal disorders noted in a group of people with MPD. Disorders associated with cerebral palsy. Development of communication skills in a group of people with MPD. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Work placement                                                 | Not applicable                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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