

**REFERENCE LIST FOR THE WRITTEN KNOWLEDGE TEST AS COMPONENT OF THE BACHELOR EXAM
PSYCHOLOGY - COGNITIVE SCIENCE**

(LISTA BIBLIOGRAFICĂ PENTRU EXAMENUL SCRIS DE CUNOȘTINȚE DIN CADRUL EXAMENULUI DE LICENȚĂ)
(SPECIALIZAREA PSIHOLOGIE - ȘTIINȚE COGNITIVE)

JUNE 2025 - FEBRUARY 2026 SESSION
(SESIUNEA IUNIE 2025 - FEBRUARIE 2026)

NR. CRT.	SUBJECT MATTER	THEMES	REFERENCES
1	Introducere în psihologie/Introduction to psychology	Emotion	Kowalski, R., & Westen, D. (2011). <i>Emotion In Psychology</i> (6th edition). John Wiley & Sons. (pp 361-380)
2	Introducere în științe cognitive/Introduction to cognitive sciences	Fundamentals of representational theories; Fundamentals of cognitive architectures; Connectionist cognitive representation and architecture; Cognitive sciences and classical problems in psychology: concepts and meaning	Von Eckardt, B. (2012). The representational theory of mind. In K. Frankish (Ed.), <i>The Cambridge Handbook of Cognitive Science</i> . Cambridge University Press. (pp. 29-45) Thagard, P. (2012). Cognitive architecture. In Frankish (Ed.), <i>The Cambridge Handbook of Cognitive Science</i> . Cambridge University Press. (pp. 50-66) Bermudez, J.L. (2020). Neural networks and distributed information processing. In J.L. Bermudez (Ed.), <i>Cognitive science: An introduction to the science of the mind</i> . Cambridge University Press. (pp. 123-143) Love, B.C. (2017). Concepts, meaning, conceptual relationships. In S.E.F. Chipman (Ed), <i>The Oxford handbook of cognitive science</i> . Oxford University Press. (pp. 1-19)
3	Metode de cercetare cantitativă și statistică/Quantitative research methods and data analysis	Introduction to Hypothesis Testing; Introduction to Regression	Gravetter, F. J., & Wallnau, L. B. (2010). Introduction to hypothesis testing. In <i>Statistics for the Behavioral Sciences</i> . Wadsworth. (pp. 232-270) Gravetter, F. J., & Wallnau, L. B. (2010). Introduction to regression. In <i>Statistics for the Behavioral Sciences</i> . Wadsworth. (pp. 557-580)
	Metode de cercetare cantitativă și statistică/Quantitative research methods and data analysis II	The t test for two independent samples	Cohen, B. H. (2001). The t test for two independent samples. In <i>Explaining psychological statistics</i> . Wiley. (pp. 183-213)
4	Introducere în programare/Algorithms and Programming	The essentials of Python	Soklaski, R. (2021). Module 2 - The essentials of Python - exceptând „Generators & Comprehension Expressions” și „Data structures part III” in Python Like You Mean It. https://www.pythonlikeyoumeanit.com/
5	Introducere în neuroștiințe/Introduction to neuroscience	Introduction and brief history; Nervous system structure and organization; Neural signalling; Nervous system development; Visual neuroscience; Auditory Neuroscience; Movement and motor control.	Bear, M., Connors, B., & Paradiso, M. A. (2016). Chapter 1. Past, Present, and Future In <i>Neuroscience: Exploring the Brain</i> . Wolters Kluwer. Bear, M., Connors, B., & Paradiso, M. A. (2016). Chapter 2. Neurons & Glia, In <i>Neuroscience: Exploring the Brain</i> . Wolters-Kluwer. Pinel, J. P., & Barnes, S. (2021). Chapter 4. Neural Conduction and Synaptic Transmission in <i>Biopsychology</i> . Pearson. Bangalore, L. (2007). Chapter 3. Neurogenesis: Birth, Migration, and Differentiation of Neurons In <i>Brain development</i> . Infobase Publishing.

			<p>Pinel, J. P., & Barnes, S. (2021). Chapter 6. The visual system. In <i>Biopsychology</i>. Pearson.</p> <p>Bear, M., Connors, B., & Paradiso, M. A. (2016). Chapter 11. The Auditory and Vestibular Systems In <i>Neuroscience: Exploring the Brain</i>. Wolters-Kluwer.</p> <p>Bear, M., Connors, B., & Pradiso, M. A. (2016). Chapter 14. Brain Control of Movement In <i>Neuroscience: Exploring the Brain</i>. Wolters-Kluwer.</p>
6	Informatică aplicată în psihologie și științele cognitive/Applied Informatics in Psychology and Cognitive Sciences	IT&C APPLIED IN RESEARCH	Vaida, S. (2023). Chapter IV: IT&C APPLIED IN RESEARCH in <i>Tehnologia informației și comunicării</i> . Presa Universitară Clujeană.
7	Psihologie Cognitivă/Cognitive Psychology	Memory systems	Chun, M., & Most, S. (2021). Chapter VII: Memory systems In <i>Cognition</i> . Oxford University Press.
8	Logică și raționament/Logic and Reasoning	proof procedures for testing the validity of arguments/the consistency of sentences/beliefs; prescriptive/descriptive vs cognitive assessments	<p>Nolt, J., Varzi, A., & Rohatyn, D. (1998). Chapter 3 in <i>Schaum's Outline of Theory and Problems of Logic</i> (2nd ed.). McGraw-Hill. (pp. 44-77)</p> <p>Stenning, K., & van Lambalgen, M. (2008). Chapter 3 (pp. 44-87) + Decision theory (pp. 360-364) In <i>Human reasoning and cognitive science</i>. MIT Press.</p>
9	Neuroștiințe Cognitive/Cognitive neuroscience	Human lesion studies and brain stimulation methods; Electrophysiology Eye-tracking and pupillometry Peripheral psychophysiological measures Structural and functional neuroimaging	<p>Ward, J. (2020). Chapter 5. The lesioned brain and stimulated brain (pp. 87–101) In <i>The student's guide to Cognitive Neuroscience</i>.</p> <p>Ward, J. (2020). Chapter 3. The electrophysiological brain In <i>The student's guide to Cognitive Neuroscience</i>.</p> <p>Carter, B. T., & Luke, S. G. (2020). Best practices in eye tracking research. <i>International Journal of Psychophysiology</i>, 155, 49–62.</p> <p>Levinson, A., & Hajcak, G. (2020). Peripheral Psychophysiology. In <i>The Cambridge Handbook of Research Methods in Clinical Psychology</i>, pp. 118–135.</p> <p>Westbrook, C. & Talbot, J. (2018). Chapter 1. Basic principles In <i>MRI in Practice</i>. Wiley and Sons</p>
10	Psihologie Evoluționistă/Evolutionary Psychology	Evolutionary Psychology	<p>Buss, D. (2019) – Chapter 1 The Scientific Movements Leading to Evolutionary Psychology In <i>Evolutionary Psychology: The New Science of the Mind</i> (6th ed.). Routledge.</p> <p>Buss, D. (2019) – Chapter 4: Women's long-term mating strategies In <i>Evolutionary Psychology: The New Science of the Mind</i> (6th ed.). Routledge.</p>
11	Cogniție Socială/Social cognition	Attributions - attribution theories, implications, biases	<p>Kassin, S., Fein, F. & Markus, H.R. (2011). Chapter 4 In <i>Social Psychology</i> (8th ed.). Houghton Mifflin Company. (p. 112-125)</p> <p>Stroebe, W. & Jonas, K. (1996). Close relationships (Attributions and relationship satisfaction; Attributions and responses to behavior). In, Hewstone, M., Stroebe, W. & Stephenson, G., (Eds.) <i>Introduction to Social Psychology</i>. Blackwell Publishers Ltd. (pg. 196 – 202)</p>
12	Evaluare psihologică/Psychological assessment I	Essential of Reliability Essential of Validity	<p>Urbina, S. (2004). Essentials of reliability. In <i>Essentials of psychological testing</i>. Wiley. (pp. 117-150)</p> <p>Urbina, S. (2004). Essential of Validity. In <i>Essentials of psychological testing</i>. Wiley. (pp. 151-210)</p>
	Evaluare psihologică/Psychological assessment II	Invarianța de măsurare în cercetarea interculturală Personalitatea creativă	Fischer, R., & Karl, J. A. (2019). A primer to (cross-cultural) multi-group invariance testing possibilities in R. <i>Frontiers in Psychology</i> , 10, 1507. https://doi.org/10.3389/fpsyg.2019.01507

		Adaptarea și validarea instrumentelor psihologice Factorul general al inteligenței (g-factor) Modelul teoretic și structura WISC-IV	Martinsen, Ø. L. (2011). The creative personality: A synthesis and development of the creative person profile. <i>Creativity Research Journal</i> , 23(3), 185–202. https://doi.org/10.1080/10400419.2011.595656 Borsa, J. C., Damásio, B. F., & Bandeira, D. R. (2012). Cross-cultural adaptation and validation of psychological instruments: Some considerations. <i>Paidéia (Ribeirão Preto)</i> , 22(53), 423–432. https://doi.org/10.1590/1982-43272253201314 Gottfredson, L. S. (1998). The general intelligence factor. <i>Scientific American Presents</i> , 9(4), 24–29. https://doi.org/10.1038/scientificamerican199809 Williams, P. E., Weiss, L. G., & Rolfhus, E. (2003). WISC-IV Technical Report #1: Theoretical model and test blueprint. The Psychological Corporation.
13	Psihologia personalității/Personality psychology	Trait theories of personality	Cervone, D., & Pervin, L.A. (2018). Trait theories of personality: Allport, Eysenck, and Catell In <i>Personality: Theory and Research</i> . Wiley.
14	Psihologia dezvoltării/Developmental psychology	Development in Adulthood (Physical and Cognitive Changes) Cognitive Development in Adolescence	Leman, P., & Bremner, A. (2019). Chapter 16 Development in Adulthood in <i>Developmental Psychology</i> (second edition). McGraw-Hill Education. (pp. 479-506) Lightfoot C., Cole M., Col S. R. (2013). Cap. 14: Cognitive Development in Adolescence in <i>The Development of Children</i> (7th edition). Worth Publishers. (pp.804-812).
15	Filozofia Minții/Philosophy of Mind	Consciousness	Chalmers, D. (2003). Consciousness and its place in nature. In Stephen P. Stich and Ted A. Warfield (Eds.). <i>The Blackwell Guide to Philosophy of Mind</i> (pp. 102-119). Blackwell Publishing. Pentru examen intră doar primele 17 pagini
16	Psihologie economică/Economic Psychology	Normative models of decision-making Heuristics and biases	Baron, J. (2007). Normative theory of choice under uncertainty. In <i>Thinking and deciding</i> . Cambridge University Press. (pp. 233-256) Tversky, A. & Kahneman, D. (1974). Judgment under uncertainty: Heuristics and biases, <i>Science</i> , 185, 1124-1131.
17	Psihologie clinică și psihoterapie/Clinical Psychology and Psychotherapy	Clinical Diagnosis The Unified Model of Depression	Beck, A. T., & Bredemeier, K. (2016). A unified model of depression: Integrating clinical, cognitive, biological, and evolutionary perspectives. <i>Clinical Psychological Science</i> , 4(4), 596-619. Kotov, R., Krueger, R. F., Watson, D., Achenbach, T. M., Althoff, R. R., Bagby, R. M., Brown, T. A., Carpenter, W. T., Caspi, A., Clark, L. A., Eaton, N. R., Forbes, M. K., Forbush, K. T., Goldberg, D., Hasin, D., Hyman, S. E., Ivanova, M. Y., Lynam, D. R., Markon, K., . . . Zimmerman, M. (2017). The hierarchical taxonomy of psychopathology (HiTOP): A dimensional alternative to traditional nosologies. <i>Journal of Abnormal Psychology</i> , 126(4), 1-24.
18	Științe cognitive în educație/Cognitive sciences in education	Cognitive sciences applied in education	Opre, D. (2024). Cognitive sciences applied in education (suport de curs).
19	Analiză cognitivă în muncă și organizații/Cognitive Analysis in Work and Organizations	Foundations of Cognitive Work Analysis Work Performance	Naikar, N. (2011). Cognitive work analysis: Foundations, extensions, and challenges. Air Operations Division, Defence Science and Technology Organisation. Campbell, J.P., & Wiernik, B.M. (2015). The modeling and assessment of work performance. <i>The Annual Review of Organizational Psychology and Organizational Behavior</i> , 2, 47-74.

20	Procese cognitive și inconștiente/Conscious and unconscious cognition	Consciousness Conscious versus unconscious processes	Dienes, Z., & Seth, A. K. (2018). Conscious versus unconscious processes. In G. C. L. Davey (Ed.), <i>Psychology (BPS Textbooks in Psychology)</i> (pp. 262-323). Wiley: Chichester.
21	Etică și știință/Ethics and science	Science and Ethics Ethical Theory and Applications Standards of Ethical Conduct in Science	Resnik, D. B. (2005). Chapter 1. Science and ethics. In <i>The ethics of science: An introduction</i> . Routledge. (pp 1-12) Resnik, D. B. (2005). Chapter 2. Ethical theory and application. In <i>The ethics of science: An introduction</i> . Routledge. (pp. 13-30) Resnik, D. B. (2005). Chapter 4. Standards of ethical conduct in science. In <i>The ethics of science: An introduction</i> . Routledge. (pp. 48-65)
22	Scriere academică/Academic writing	Research reports; Reporting quantitative research	Howitt, D., & Kramer, D. (2020). Chapter 5. Research reports. In <i>Research Methods in Psychology</i> . Pearson. (pp. 85-114) Howitt, D., & Kramer, D. (2020). Chapter 6. Improving your quantitative write-up. In <i>Research Methods in Psychology</i> . Pearson. (pp. 115-135)