

**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 2026 - FEBRUARY 2027 SESSION
(SESIUNEA IUNIE 2026 - FEBRUARIE 2027)

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) (pp 361-380). John Wiley & Sons.
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. 231-277) 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	One-way independent ANOVA	Cohen, B. H. (2001). One-Way Independent ANOVA. In <i>Explaining psychological statistics</i> (2nd ed., pp. 324–347). John Wiley & Sons.
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. Pinel, J. P., & Barnes, S. (2021). Chapter 6. The visual system. In <i>Biopsychology</i> . Pearson.

			Bear, M., Connors, B., & Paradiso, M. A. (2016). Chapter 11. The auditory and vestibular Systems In <i>Neuroscience: Exploring the Brain</i> . Wolters-Kluwer. Bear, M., Connors, B., & Pradiso, M. A. (2016). Chapter 14. Brain control of movement In <i>Neuroscience: Exploring the Brain</i> . Wolters-Kluwer.
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	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) 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.
9	Neuroștiințe Cognitive/ Cognitive neuroscience	Human lesion studies and brain stimulation methods; Electrophysiology Eye-tracking and pupillometry Peripheral psychophysiological measures Structural and functional neuroimaging	Ward, J. (2020). Chapter 5. The lesioned brain and stimulated brain (pp. 87–101) In <i>The student's guide to Cognitive Neuroscience</i> . Ward, J. (2020). Chapter 3. The electrophysiological brain. In <i>The student's guide to Cognitive Neuroscience</i> . Carter, B. T., & Luke, S. G. (2020). Best practices in eye tracking research. <i>International Journal of Psychophysiology</i> , 155, 49–62. Levinson, A., & Hajcak, G. (2020). Peripheral psychophysiology. In <i>The Cambridge Handbook of Research Methods in Clinical Psychology</i> , pp. 118–135. Westbrook, C. & Talbot, J. (2018). Chapter 1. Basic principles In <i>MRI in Practice</i> . Wiley and Sons.
10	Psihologie Evoluționistă/ Evolutionary Psychology	Evolutionary Psychology	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. 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.
11	Cogniție Socială/ Social cognition	Stereotypes	Kassin, S., Fein, F. & Markus (2011). <i>Social Psychology</i> (Eight Edition). Houghton Mifflin Company. Capitolul 5 (pg. 145-196)
12	Evaluare psihologică/ Psychological assessment I	Essential of reliability Essential of validity	Urbina, S. (2004). Essentials of reliability. In <i>Essentials of psychological testing</i> . Wiley. (pp. 117-150) Urbina, S. (2004). Essential of Validity. In <i>Essentials of psychological testing</i> . Wiley. (pp. 151-210).
	Evaluare psihologică/ Psychological assessment II	Invarianța de măsurare în cercetarea interculturală Personalitatea creativă Adaptarea și validarea instrumentelor psihologice Factorul general al inteligenței (g-factor) Modelul teoretic și structura WISC-IV	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 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). <i>WISC-IV Technical Report #1: Theoretical model and test blueprint</i> . The Psychological Corporation.
13	Psihologia personalității/ Personality psychology	Trait theories of personality	Cervone, D., & Pervin, L.A. (2018). <i>Trait theories of personality: Allport, Eysenck, and Catell</i> . 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	Anxiety disorders; Depressive disorders	Durand, V. M., Barlow, D., & Hofmann, S. (2019). <i>Essentials of Abnormal Psychology</i> , 8th Edition. Cengage Learning. Chapter 4 Anxiety Disorders – pp. 124 – 145. Hooley, J. M., Nock, M. K., & Butcher, J., N. (2021). <i>Abnormal Psychology</i> , Eighteenth Edition, Person Education. Chapter 7 Mood disorders; Unipolar depressive disorders, pp. 235 – 242; pp. 247 (Psychological Causal Factors) – 257.
18	Științe cognitive în educație/ Cognitive sciences in education	Memory systems and learning; Mindset and academic achievement	Chew, S. L. (2021, June 17). An advance organizer for student learning: Choke points and pitfalls in studying. <i>Canadian Psychology / Psychologie canadienne</i> . Advance online publication. 62(4), 420–427. https://doi.org/10.1037/cap0000290 Yeager, D. S., Hanselman, P., Walton, G. M., Murray, J. S., Crosnoe, R., Muller, C., ... & Dweck, C. S. (2019). A national experiment reveals where a growth mindset improves achievement. <i>Nature</i> , 573(7774), 364–369.
19	Analiză cognitivă în muncă și organizații/ Cognitive Analysis in Work and Organizations	Foundations of Cognitive Work Analysis Work Performance	Naikar, N. (2011). <i>Cognitive work analysis: Foundations, extensions, and challenges</i> . 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.
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	Common reporting standards across research design	American Psychological Association (2019). Publication manual of the American Psychological Association. American Psychological Association (428. Common Reporting Standards Across Research Designs, pp 135 – 159)