

CONTENTS

SECTION 1: VALUES OF ACADEMIC CULTURE IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT

Chapter 1. The level of education of the country's population as one of the indicators of its national security level (Garmash S. V.).....	1
1. The impact of interconnected processes on the level of education in the country in terms of national security	2
2. The impact of nepotism policy in higher education institutions on the country's national security.....	5
3. The importance of the competency-based approach to education, taking into account its impact on national security in the future	7
Chapter 2. Academic integrity as a foundational value of modern education (Iliukha L. M., Iliukha O. V., Petrenko Yu. O.)	13
1. Emergence and formulation of the problem	13
2. Defining academic integrity and its guiding principles for educational stakeholders	15
3. Challenges and forms of academic misconduct.....	18
4. The role of educational institutions in fostering a culture of integrity.....	21
5. Academic integrity in the Ukrainian context	23
Chapter 3. Patent activity in the humanities and technical fields: a marker of research culture in higher education (Suima I. P.).....	29
1. Relevance of patent activity in contemporary academia	30
2. Definition of patent activity in the academic context	32
3. Overview of national and international patenting systems	35
4. Motivation and barriers for patenting among technical faculty members.....	38
5. Interdisciplinary potential: convergence of tech and humanities (e.g., digital humanities, educational technologies)	45
Chapter 4. Transformation of the values of the academic culture of higher education students in the era of digitalization and artificial intelligence (Tsiuniak O. P.)	52
1. Basic concepts of research in the dimension of definitive analysis.....	54
2. Content dimensions and hierarchy of values of the academic culture of higher education student.....	60

Chapter 5. Research culture as the foundation for research integrity and the advancement of the scientific mission in U.S. universities (Shykhnenko K. I.)	69
1. Conceptualization and application of the terms “research culture,” “research integrity culture,” “research climate,” and “research ecosystem” in higher education. Developing research culture and integrity for fulfilling the university’s scientific mission	72
2. Fostering ethical research environment and responsible scholarly conduct in universities: institutional strategies, educational programs, cultural interventions. Challenges and barriers to the effective development of research culture and research integrity. Effective governance models for ethical research	82

SECTION 2: FORMATION OF THE ACADEMIC INTEGRITY CULTURE IN THE INSTITUTION’S EDUCATIONAL SPACE

Chapter 6. Developing a culture of academic integrity in the preparation of future music teachers at the third (educational and scientific) level: EU experience (Chystiakova I. A.).....	102
1. Theoretical foundations of forming a culture of academic integrity of future music teachers in EU countries.....	105
2. Practical foundations of forming a culture of academic integrity in the training of future music teachers at the third (educational and scientific) level in EU countries	109
Chapter 7. Psychological aspects of academic integrity: formation and preservation in the system of educational values (Shelever O. V.)	121
1. Psychological and pedagogical conditions for the formation of academic integrity values	122
2. Analysis of existing methods for addressing academic dishonesty.....	127
3. Psychological mechanisms for maintaining academic integrity and overcoming risks in the digital environment.....	129

SECTION 3: TRANSVERSALITY IN THE PROFESSIONAL TRAINING OF FUTURE SPECIALISTS: GLOBAL, EUROPEAN, AND NATIONAL CONTEXTS

Chapter 8. Fostering media literacy among learners in out-of-school education institutions (Boichenko M. A.)	137
1. Media literacy as a subject of research.....	138

2. Scientific approaches to fostering media literacy in out-of-school education	140
3. Pedagogical conditions for fostering learner's media literacy in out-of-school education	146
4. Model for fostering media literacy among learners in out-of-school education institutions	149
Chapter 9. Artificial intelligence in the system of didactic culture of postgraduate students and teachers (Vykhreshch A. V.)	
1. Didactic culture of participants in the educational process.....	156
2. Prospects for using artificial intelligence in the educational process	160
Chapter 10. Innovative training of pedagogues for professional activity as a trigger for the demands of modern society (Dudnyk N. Z.)	
1. Problems of forming professional competence of pedagogues in the challenges of today	173
2. Areas of cooperation between pedagogues and parents of children in solving educational tasks	181
3. Content of educational programmers for children in comprehensive personality development.....	188
Chapter 11. Information and communication competence as a means of cultivating teachers' academic culture in the digital educational environment (Kalichak Yu. L.).....	
1. Prerequisites for the use of information technologies in the preschool education system.....	200
2. The importance of information technologies in the formation of health-preserving competences of a teacher	202
3. Practical aspects of the formation of information and communication competence of the pre-school teacher	211
Chapter 12. The application of search and research methods when teaching the course "Ukrainian Word Formation" in higher educational institutions (Kocherha H. V.).....	
1. Innovations in the process of studying word-formation motivation in the context of linguistic science in higher educational institutions	223
2. Innovation and integration into the process of studying word-formation motivation in the context of the linguistic paradigm in higher education institutions.....	224
	229

Chapter 13. Transversality in architectural education: pedagogical strategies and project-based learning experience in the context of war (Oliinyk H. I., Gershenzon M. Sh., Zalutskyi V. V.).....	237
1. Architecture as care: the humanitarian and transversal dimension of architectural education	238
2. Educational design as a transversal space of value-based experience.....	244
Chapter 14. Transformation of doctoral education in the EHEA: twenty years of the salzburg process (Sbruieva A. A., Klochkova T. I.)	256
1. Factors of transformation of European doctoral education	256
2. Stages of transformation of doctoral training in the EHEA.....	259
3. Current state and prospects of further transformation of doctoral training in the EHEA	269

SECTION 4:

ACADEMIC CULTURE AND ETHICS OF SCIENTIFIC INQUIRY

Chapter 15. Formation of academic writing culture as a factor ensuring integrity in the educational process of higher education institutions (Zlenko N. M., Tamozhska I. V.).....	279
1. Theoretical and methodological foundations of academic writing and integrity.....	280
2. Psychological and pedagogical mechanisms for shaping a culture of academic writing and integrity.....	284
3. Methodological recommendations for implementing effective mechanisms of academic writing as a factor in ensuring integrity.....	286
Chapter 16. Academic mentorship in higher education: comparative study of Ukrainian and European models amid crisis and integration (Kapranov Ya. V., Semenog O. M.).....	291
1. Theoretical foundations and terminology	293
2. Academic mentorship models in Europe and Ukraine	302
3. Institutional and cultural differences in academic mentorship.....	319
4. International projects and best practices in academic mentorship.....	327
5. Discussion and comparative analysis of Ukrainian and European mentoring practices	335
6. Research gaps and future directions.....	343

Chapter 17. Artificial intelligence in education: challenges to academic integrity and the development of critical thinking (Kirillova A. O.).....	359
1. Artificial intelligence in the modern educational environmen	360
2. Developing critical thinking in the context of artificial intelligence technologie	368
Chapter 18. Academic culture and ethics in higher education (Novikova O. V.)	382
1. Core values of academic culture	383
2. Research ethics and faculty responsibilities on the example of Oles Honchar Dnipro National University	389
Chapter 19. Digital technologies and the academic culture of the researcher (Skybun O. Zh., Skybun N. D., Skybun B. O.).....	400
1. Electronic communications and information and communication systems as an important communicative element of the digital research activities of scientists, researchers, and educators	403
2. Digital technologies as a tool for modern research activities	407
3. The impact of digital technologies on research competencies, as well as ethical challenges and academic integrity of researchers/scientists/educators	415

SECTION 5: RESEARCHER'S LINGUISTIC PERSONALITY AND ACADEMIC COMMUNICATION: COMMUNICATION STRATEGIES AND TACTICS

Chapter 20. Management of the development of communication skills of the teacher of an out-of-school education institution as a component of academic culture (Bykova M. M.)	424
1. Communicative qualities of a personality as a component of the managerial potential of an out-of-school teacher	425
2. Ways to develop the communicative qualities of an out-of-school education teacher	436
3. Features of managing the development of communicative qualities of a teacher of an out-of-school education institution.....	445

Chapter 21. Teacher's pedagogical style in scientific and educational network discourse: new challenges and linguistic transformations (Kononenko O. V.)	462
1. Pedagogical style, pedagogical communication style and pedagogical image in scientific and educational network discourse: current trends and challenges	463
2. Dynamics of the teacher's linguistic portrait as a factor in the transformation of pedagogical style in scientific and educational network discourse	476
Chapter 22. Formation of English language learning and strategic competence of pre-service primary school teachers in the context of modern scientific research (Konotop O. S.)	487
1. Conceptual foundations for the formation of foreign language learning and strategic competence of pre-service primary school teachers: European context and national standards	489
2. Current state of research into the problem of forming foreign language learning and strategic competence in Ukrainian linguodidactics	493
Chapter 23. Academic communication: a foundational skill for scholarly and educational success (Lysak H. O.)	505
1. Concept of academic communication	506
2. Academic communication: core components, types, and functions	511
3. Key activities in academic communication	516
4. Academic communication skills	519
5. Strategise for effective academic communication	523
Chapter 24. Digital dictionaries in medical and pharmaceutical education: a theoretical framework (Lichman L. Yu., Kononets O. M., Mykhailenko L. A.)	531
1. The significance of scientific linguistic culture in medical and pharmaceutical education	534
2. The role and advantages of digital dictionaries in enhancing linguistic competence	536
3. Integration of digital dictionaries into curricula and teaching practices	539