

**Student scientific societies of the M.Kozybayev NKU in the 2022-2023  
academic year**

<b>№</b>		<b>Title</b>	<b>Direction</b>	<b>Supervisor</b>
<b>Faculty of engineering and digital technology</b>				
<b>Department of «Energetic and radioelectronics»</b>				
1	1	Introduction to radio automation	Extracurricular improvement of practical skills of a radio engineer.	Lecturer of the Department of EandR Semenyuk V.V.
2	2	Designing mobile robots	1. Improving the skills of programming microcontrollers; 2. Designing mobile robots; 3. Programming development boards	Lecturer of the Department of EandR Semenyuk V.V.
3	3	Programming and assembly of devices on AVR family microcontrollers	1. Mastering Assembly language programming; 2. Modeling of devices and systems in the Proteus environment; 3. Working with various compilers; 4. Assembly and debugging of devices, layout.	Lecturer of the Department of EandR Semenyuk V.V.
4	4	Modeling of radio-electronic and telecommunication systems and devices	1. Development and research of telecommunication systems and devices using real-virtual devices and computer modeling; 2. Measuring systems built with the help of real-virtual devices.	Lecturer of the Department of EandR Semenyuk V.V.
5	5	Automation of control in the electric power complex and industry, energy-saving technologies	Involvement of students of the department in research work in the field of control automation in the electric power industry and energy-saving technologies.	Associate Professor of the Department of EandR Latypov S.I.
6	6	Increase of competence of Engineers in the field of energy and radio electronics	Extracurricular improvement of skills and competencies of an engineer in the energy and radioelectronic fields.	Associate Professor of the Department of EandR Moldakhmetov S.S.
<b>Department of «Building and design»</b>				
7	7	Young researcher	Study of international green certification systems and basic requirements of green standards	Senior lecturer BandD Polishchuk N.Yu.
			Design, calculation and analysis of building structures by methods of structural mechanics, including using CAD	Senior lecturer BandD Polishchuk N.Yu.
8	8	Contrasts	Theory and practice of design plan	Senior lecturer BandD Shashkina I.S.
<b>Department of «Transport and mechanical engineering»</b>				

9	9	Tulpar	1. Improving the efficiency of construction, road and lifting machines by technological methods	Professor of the Department TandM Savinkin V.V.
			1. Improving the efficiency of construction, road and lifting machines by technological methods	Senior lecturer TandM Kolisnichenko S.N., Senior lecturer TandM Derman A.L.
10	10	Quality management	Quality management in industry and education	Senior lecturer TandM Isaeva I.N.
<b>Faculty of history, economics and law</b>				
<b>Department of «Journalism»</b>				
11	1	Actual problems of modern journalism	Research on the functioning of journalism in modern conditions	Lecturer, master Orazov E.E.
12	2	Young writer	Research on the functioning of journalism in modern conditions	Senior lecturer Saurbaeva A.Zh.
<b>Department of "History of Kazakhstan and social-human disciplines"</b>				
13	1	Actual problems of national and world history	1. Domestic and world history 2. Modern History of Kazakhstan Preparation of graduation theses, organization of departmental scientific conferences and olympiads, preparation of research and development works for the Republican competition of scientific student works, publication of scientific articles in the materials of the Republican scientific and practical conference «Kozybaev Readings-2022» and in the materials of the international student scientific and practical conference «Youth and Science-2023», «Native Land-2023»	C.h.s., associate professors, Bimakanova Z.Sh., Chukhno A.V.
<b>Department of «Legal disciplines»</b>				
14	1	Themis	Current issues of criminal law	Honorary associate professor, Zhukova Z.B.
15	2	Civilist	Current issues of civil law	Honorary associate professor, Baranova N.K.
<b>Department of «Economics and accounting»</b>				
16	1	Progress	Formation of the scientific potential of bachelors and masters of the specialties «Economics», «State and Local Government»	Lecturer, Abdreisova D.Zh.
17	2	BEST	Formation of the scientific potential of bachelors of the specialty «Accounting and audit»	Senior lecturer, Ramazanova Sh.Sh.

18	3	Travel	Formation of the scientific potential of bachelors of the specialty «Tourism»	Senior lecturer, Kiryushchenko E.V.
<b>Department of «Finance and management»</b>				
19	1	Obverse	Problems and prospects of development of the financial system of Kazakhstan	Senior lecturer, Baimagambetov A.A.
20	2	Intellectual	Problems and prospects of development of the financial system of Kazakhstan	Senior lecturer, Karipova A.M.
<b>Agrotechnological faculty</b>				
<b>Department of «Agronomy and Forestry»</b>				
21	1	Agro-bio-protection	1. Microclonal reproduction of potatoes in vitro.	1. Kantarbayeva E.E., PhD, senior lecturer
			2. Evaluation of economic and biological characteristics of soft spring wheat varieties of Chinese breeding in comparison with varieties of Kazakhstani breeding in the conditions of North Kazakhstan region.	1. Puchkova S.Yu., master, senior lecturer 2. Takenova D.E., master, senior lecturer
			3. Ecological variety testing of domestic and foreign sugar beet hybrids in the conditions of Northern Kazakhstan	1. Kantarbayeva E.E., PhD, senior lecturer 2. Puchkova S.Yu., master, senior lecturer
			1. Ecological variety testing of agricultural crops of domestic and Chinese breeding in the conditions of the forest-steppe zone of Northern Kazakhstan	1. Akhmetov M.B., master, senior lecturer
22	2	«Forester»	1. Preventive measures and organization of forest protection from fires and forest damage. 2. Improvement of the technological process of logging in the conditions of Northern Kazakhstan	1. Kaspakbaev E.M., master, senior lecturer 2. Shayakhmetova G.M.
			1. Study of the current state of forest resources of the North Kazakhstan region.	1. Savenkova I.V. c.a.s., senior lecturer
			<b>Department of «Food Security»</b>	
23	1	Zootechnik	Improving the breeding and productive qualities of farm animals	1. Zhunusov A.E. c.a.s., senior lecturer 2. Bayazitov T.B. c.a.s., senior lecturer

			Improvement and development of new recipes for the production of meat and dairy products	1. Sadupova T.B., senior lecturer 2. Abilda A.S., master, senior lecturer
<b>Institute of language and literature</b>				
<b>Department of «German-Roman philology»</b>				
24	1	Actual problems of modern linguistics	Actual problems of cognitive linguistics and text linguistics	Lecturer, master Tulegenova B.M.
25	2	Actual problems of philology	Germanic Philology	Senior lecturer, master Aleksyev A.A.
26	3	Topical issues of translation studies	Theory and practice of translation	Lecturer Vasilyeva O.M.
<b>Department of «Kazakh language and literature»</b>				
27	1	Young scientist	Actual problems of linguistics and literary studies	Senior lecturer, master Aubakirova Zh.A.
<b>Department of «Russian language and literature»</b>				
28	1	Actual problems of literary criticism	Applied Russian Philology: Literary Studies	C.f.s., associate professor Leontieva A.Yu.
29	2	Actual problems of modern linguistics	Applied Russian Philology: Linguistics	Master, senior lecturer Bigeldinova A.V.
<b>Department of «Foreign languages»</b>				
30	1	English in Research	Applied English (English Applied)	Master, senior lecturer Ismagambetova L.Sh.
<b>Faculty of mathematics and natural sciences</b>				
<b>Department of «Mathematics and informatics»</b>				
31	1	Technology of teaching mathematics and computer science at school	Methods of teaching mathematics and computer science	C.p.s., professor Shmigirilova I.B.
32	2	Formation of students' research skills	Formation of students' research activities	C.p.s., associate professor Rvanova A.S.
33	3	Innovative teaching methods	Methods of teaching mathematics and computer science	Master, senior lecturer Nurakhmetova G.K.
<b>Department of «Physics»</b>				
34	1	Modern problems of teaching physics	Methods of teaching physics and astronomy in modern conditions	Leontiev P.I., c.f-m.s., associate professor
35	2	Theoretical physics and astrophysics	Astrophysical research of near and far space objects	Solodovnik A.A., c.f-m.s., professor, associate professor,

				corresponding member of the kazakhstan national academy of natural sciences
36	3	Plasma physics	Practical applications of plasma technologies	Useinov B.M., c.f-m.s., professor, associate professor of physics
37	4	Nanotechnology	Nanotechnology	Sartin S.A., c.f-m.s., associate professor
<b>Department of «Geography and ecology»</b>				
38	1	«Ecosphere»	Ecological and geographical research	Professor Dmitriev P.S.
39	2	«Local historian»	Geographical and local history studies	Professor Taizhanova M.M.
<b>Department of «Biology»</b>				
40	1	Botany circle	Floristic studies of North Kazakhstan region	Galaktionova E.V.
41	2	General biology circle	Genetic studies of organism variability.	Panchenko V.Yu., Kornilova A.A.
42	3	The circle of adaptation of the body	Studies of the functioning of the human cardiovascular system	Nusupova A.Zh
43	4	Taxidermy circle	Zoological	Zuban I.A.
44	5	Birdwatchers club	Study of the avifauna of Kazakhstan, North Kazakhstan region and adjacent territories, promotion of birdwatching, respect for nature, increasing the level of environmental education of the population	Zuban I.A.
<b>Department of «Chemistry and chemical technologies»</b>				
45	1	Химия и жизнь	Research of physico-chemical properties of multicomponent systems and development of competitive technologies and new materials based on them	1. Begenova B.E., d.c.s., professor 2. Dyuryagina A.N., c.c.s., professor
			Development of innovative technologies, creation of new domestic phytopreparations based on the flora of Northern Kazakhstan	1. Polyakov V.V., d.c.s., professor 2. Lezhneva M.Yu., c.c.s., associate professor
			Optimization of the educational process and introduction of new technologies for teaching chemistry	1. Aubakirova G.B., c.c.s., associate professor 2. Ostafeychuk N.V., master, senior lecturer
<b>Pedagogical faculty</b>				

<b>Department of «Pedagogics and Psychology»</b>				
46	1	«Psychology»	Psychological and pedagogical support of personality development in the modern educational space	Volchkova N.I.
47	2	«Young researcher»	Psychological and pedagogical support of personality development in the modern educational space	Nurpeisova A.H.
<b>Department of «Special and Social Pedagogy»</b>				
48	1	«Researcher»	Innovative technologies in special and social pedagogy.	Alpysbaeva M.B.
<b>Department of «Theory and Methodology of Primary Pre-school teaching»</b>				
49	1	Scientific review	Pedagogical and methodological research in the field of primary and preschool education	Ualieva N.T.