

# "RAFU Summer Multidisciplinary University" 2024

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At the end of March 2024, a competition was held to fund educational and cultural-historical tracks of the "RAFU Summer Multidisciplinary University" (RAFU SMU), which has been traditionally organised by RAFU member universities since 2022 with the support of the Ministry of Science and Higher Education of the Russian Federation.

The initial goal of the RAFU SMU was to support foreign graduates of Russian universities who are already working in African countries, which would contribute to strengthening co-operation between Russia and the continent's countries in the fields of education, science and economic development.

In 2022, more than 100 people underwent advanced training at 15 educational programmes at 10 Russian RAFU universities as part of the SMU.

In 2023, 12 educational and cultural-historical tracks were implemented in 10 RAFU universities, where 150 people from 25 African countries studied.

This year, 19 Russian universities will offer African students 19 educational programmes in various areas: geology and meteorology, ecology and sustainable development, computer science and artificial intelligence, medical and biotechnology, agriculture and water management, and, of course, Russian language, culture and traditions. Most of the professional development programmes will take place at RAFU universities from July to September 2024. It is planned to train about 270 African citizens in 19 programmes.

From 2024, SMU educational programmes are targeted educational programmes aimed at improving the qualifications of African citizens for further implementation of joint Russian-African educational and scientific projects.



**"RAFU Summer Multidisciplinary University" 2024** will include the following programmes:

1. Internships for foreign practitioners in leading medical and scientific centres of the Ministry of Health of Russia (N.I. Pirogov Russian National Research Institute of Medical Sciences of the Ministry of Health of Russia)
2. Basics of electronic medical document management in a medical organisation (Astrakhan State Medical University)
3. «General Aerospace course» (Moscow Aviation Institute (National Research University))
4. "Tools and means of automation of technical systems" (Samara State Technical University)
5. Open technologies of UAV remote sensing of the Earth for geo-research tasks: multispectral and lidar imaging, unmanned carriers and autopilot systems, imaging and data processing techniques. (Irkutsk National Research Technical University)
6. "Artificial Intelligence for all" ("Introduction to Artificial Intelligence") (Peter the Great St. Petersburg Polytechnic University)
7. Designing intelligent information-measuring systems of non-destructive control of thermophysical properties of materials used in the space industry (Tambov State Technical

University)

8. «Smart Engineering: From Shared Knowledge to Shared Vision» (Northern (Arctic) Federal University named after M.V. Lomonosov)
9. "Innovative Entrepreneurship in IT" (Tomsk State University of Control Systems and Radioelectronics)
10. "Water resources management of the African continent on the example of the Niger River to solve actual problems: provision of population and socio-economic sphere with water resources, development of agriculture and navigation" (Russian State Hydrometeorological University)
11. «Biodiversity of aquatic resource and water quality assessment» (National Research Nizhny Novgorod State University named after N.I. Lobachevsky)
12. "Innovative technologies in crop farming" (Voronezh State Agrarian University named after Emperor Peter I)
13. "Intercultural cooperation in science and education: intercultural communication skills on the example of green economy and sustainable development approaches" (V.I. Ulyanov (Lenin) St. Petersburg State Electrotechnical University "LETI")
14. "Social Design" (A.N. Kosygin Russian State University)
15. "Environmental challenges and sustainable development in Africa (innovative solutions)" (A.O. Kovalevsky Institute of Biology of the Southern Seas of the Russian Academy of Sciences)
16. "Ecological workshop on the Baikal" (A.A. Jezhevsky Irkutsk State Agrarian University)
17. "Organisation of ecological tours and excursions in protected areas" (Southern Federal University)
18. "Media technologies for promoting sustainable tourism" (V.I. Vernadsky Crimean Federal University)
19. "Media technologies for promoting sustainable tourism" (Russian State University for the Humanities)