

# NEFU Bachelor Degree Programs and Specialist Degree Programs 2015-2016

Code	Program	Specialization	Duration	Entrance Exams
Faculty of Road Construction				
08.03.01	Construction	Motor-roads: Motor-road Bridges and Tunnels	4 years	Russian Mathematics Physics
23.03.02	Ground Transportation and Technological Complexes	Handling, Construction, Road-building Machinery and Equipment	4 years	
23.03.03	Exploitation of Transport Technological Machinery and Complexes	Automotive Service: Automobiles and Automotive Maintenance	4 years	
44.03.04	Professional Education	Transportation	4 years	
08.03.01	Construction	Motor-roads	4 years	
Faculty of Geology and Survey				
21.03.01	Oil and Gas Engineering		4 years	Russian Mathematics Physics
21.05.02	Applied Geology	Geological Survey, Solid Mineral Exploration; Exploration of Underground Water and Geotechnical Survey	5 years	
21.05.03	Technology of Geological Exploration	Geophysical Prospecting of Mineral Deposits; Technology of Mineral Deposits Exploration	5 years	
Faculty of Mining				
20.03.01	Technosphere Safety	Industrial Processes Safety; Emergency Security Control; Fire Protection	4 years	Russian Mathematics Physics
21.05.04	Mining Engineering	Open-pit Mining; Mining Machinery and Equipment; Underground Development of Ore Deposits; Mine Construction and	5 years	

		Underground Excavation		
<b>Institute of Natural Sciences</b>				
05.03.02	Geography	Recreational Geography and Tourism	4 years	Russian Geography Mathematics
05.03.04	Hydrometeorology	Meteorology	4 years	
05.03.06	Ecology and Environmental Management	Environmental Management; Geo-ecology	4 years	
06.03.01	Biology		4 years	Russian Biology Mathematics
18.03.01	Chemical Engineering	Chemical Technology of Natural Energy Materials and Carbon Materials	4 years	Russian Chemistry Mathematics
44.03.01	Pedagogic Education	Chemistry	4 years	Russian Chemistry Social Science
44.03.05	Pedagogic Education	Biology and Chemistry	4 years	Russian Biology Social Science
44.03.05	Pedagogic Education	Geography and History	4 years	Russian Geography Social Science
04.05.01	Fundamental and Applied Chemistry		5 years	Russian Chemistry Mathematics
<b>Institute of Foreign Philology and Regional Studies</b>				
41.03.01	Regional Studies	American Studies	4 years	Russian English History Social Science
45.03.01	Philology	Philology (English Language and Literature)	4 years	Russian Literature English
45.03.01	Philology	Teaching of Philology (English Language and Literature)	4 years	
45.03.01	Philology	Applied Philology (French Language and Literature) – double-degree program with Versailles Saint-Quentin-en-Yvelines (France) "Cultural Engineering and Tourism"	4 years	Russian Literature Foreign Language

45.03.01	Philology	Philology (German Language and Literature)	4 years	Russian Literature Foreign Language
45.03.01	Philology	Philology (Korean Language and Literature); Philology (Japanese Language and Literature); Philology (Chinese Language and Literature)	4 years	
45.03.02	Linguistics	Linguistic Support of International Logistics, joint program with Jiamusi University (Jiamusi, China)	4 years	
45.03.02	Linguistics	Translation and Translation Studies	4 years	Russian English Literature
<b>Institute of Mathematics and Informatics</b>				
01.03.01	Mathematics	Differential Equations, Dynamic Systems and n Optimal Control	4 years	Russian Mathematics Informational Science and ICT
01.03.02	Applied Mathematics and Information Science	Mathematical Modeling and Numerical Mathematics; System Analysis, Operations and Control	4 years	
02.03.02	Fundamental Information Science and Information Technologies	Network Technologies; Scientific Research Automation	4 years	
09.03.01	Computer and Information Science	Software Technology	4 years	
09.03.03	Applied Information Science	Applied Information Science in Economics; Applied Information Science in Public Administration; Applied Information Science in Management	4 years	
44.03.01	Pedagogic Education	Mathematics	4 years	Russian Mathematics Social Science
44.03.01	Pedagogic Education	Information Science	4 years	Russian Social Science Informational Science and ICT

<b>Institute of Psychology</b>				
37.03.01	Psychology		4 years	Russian Biology Mathematics
39.03.02	Social Work	Psychological Work with Public	4 years	Russian History Social Science
39.03.03	Social Work with Youth	Psychological Work with Youth	4 years	
37.05.01	Clinical Psychology	Clinical and Psychological Aid to Children and Family	5 years	Russian Biology Mathematics
44.05.01	Pedagogy and Psychology of Deviant Behavior	Psychology and Pedagogical of Deviant Behavior Prevention	5 years	Russian History Social Science
<b>Institute of Engineering</b>				
07.03.01	Architecture	Architecture	4 years	Russian Mathematics Professional test Creative test
08.03.01	Construction	Industrial and Civil Construction	4 years	Russian Mathematics Physics
08.03.01	Construction	Structural Engineering	4 years	
08.03.01	Construction	Urban Development	4 years	
08.03.01	Construction	Manufacture and Use of Construction Materials and Products	4 years	
08.03.01	Construction	Heat and Gas Supply and Ventilation	4 years	
08.03.01	Construction	Expertise and Property Management	4 years	
21.03.02	Land Regulation and Cadastre	Property Cadastre	4 years	
35.03.02	Technology of Logging and Woodworking Industry	Woodworking Technology	4 years	
<b>Faculty of History</b>				
44.03.01	Pedagogic Education	History	4 years	Russian History Social Science
44.03.05	Pedagogic Education	History and Social Science	4 years	
46.03.01	History	History of International Relations; Historical Archival Science	4 years	

Institute of Physical Education and Sport				
44.03.01	Pedagogic Education	Physical Education	4 years	Russian Social Science Professional test
44.03.05	Pedagogic Education	Life Safety and Physical Education	4 years	
49.03.01	Physical Education	Athletic Training	4 years	Russian Biology Professional test
49.03.01	Physical Education	Sports and Health Tourism	4 years	
49.03.01	Physical Education	National Sports and Traditional Sport Games	4 years	
49.03.02	Physical Education for Physically-challenged Persons (Adapted Physical Education )	Adapted Physical Education	4 years	
Institute of Languages and Cultures of the Peoples of the North-East of Russia				
43.03.01	Service	Service in Traditional Fashion Industry and Beauty	4 years	Russian Mathematics Social Science
43.03.02	Tourism	Technology and Management of Tour Operators and Travel Agencies Services; Technology and Management of Excursion Service	4 years	Russian History Social Science
44.03.01	Pedagogic Education	Yakut Language and Culture	4 years	Russian Literature Social Science
44.03.05	Pedagogic Education	Yakut Language and Culture and English Language	4 years	
44.03.05	Pedagogic Education	Native Languages of Indigenous Peoples of the North, Siberia and Far East and Primary Education	4 years	
45.03.01	Philology	Applied Philology (Yakut Language)	4 years	
45.03.01	Philology	Applied Philology (Yakut Language, Translation)	4 years	

45.03.01	Philology	Philology (Yakut Language and Literature)	4 years	Russian Literature Social Science
45.03.01	Philology	Philology (Even, Evenk, Yukagir, Chukchi, Dolgan Language and Literature)	4 years	
51.03.01	Cultural Studies	Social and Cultural Development	4 years	Russian History Social Science
51.03.02	National (Yakut) Artistic Culture	Management of Ethnic and Cultural Center; Management of Community Theatre	4 years	Russian Literature Professional test Creative test
<b>Institute of Medicine</b>				
34.03.01	Nursing		4 years	Russian Chemistry Biology
31.05.01	General Medicine		6 years	
31.05.02	Pediatrics		6 years	
31.05.03	Dentistry		5 years	
32.05.01	Medical and Preventative Care		6 years	
33.05.01	Pharmaceutical Sciences		5 years	
<b>Teacher Training Institute</b>				
44.03.01	Pedagogic Education	Primary Education	4 years	Russian Mathematics Social Science
44.03.01	Pedagogic Education	Pre-school Education	4 years	
44.03.01	Pedagogic Education	Entrepreneurship Technology	4 years	
44.03.02	Psychological and Pedagogic Education	Psychology and Social Pedagogy: Psychology and Pedagogy pf Professional Education	4 years	Russian Biology Mathematics
44.03.03	Special Education (Defectology)	Speech Training	4 years	
44.03.04	Professional Education	Computers and Information Science	4 years	Russian Mathematics Informational Science and ICT
44.03.04	Professional Education	Economics and Management	4 years	Russian Mathematics Physics

Institute of Technology				
11.03.02	Information and Communication Technologies and Communication Systems	Multi-channel Telecommunication Systems	4 years	Russian Mathematics Physics
15.03.01	Mechanical Engineering	Technology and Equipment of Welding Engineering	4 years	
09.03.01	Computer and Information Science	Computers and Computer-based Systems Software	4 years	
Faculty of Philology				
42.03.01	Advertising and Public Relations	Advertising and Public Relations in Commercial Sphere; Advertising and Public Relations in Public Administration	4 years	Russian History Social Science
42.03.02	Journalism		4 years	Russian Literature Creative test
44.03.05	Pedagogic Education	Russian and Foreign Languages	4 years	Russian English Literature Social Science
44.03.05	Pedagogic Education	Russian Language and Literature	4 years	Russian Literature Social Science
45.03.01	Philology	Applied Philology (Russian Language)	4 years	Russian Literature History
45.03.01	Philology	Russian Philology (Russian Language and Literature)	4 years	
45.03.01	Philology	Philology Teaching (Russian Language and Literature)	4 years	
Institute of Physics and Technologies				
03.03.02	Physics	Fundamental Physics; Medical Physics	4 years	Russian Mathematics Physics
03.03.03	Radio Physics	Electronics: Microelectronics and Nanoelectronics	4 years	

11.03.01	Radio Engineering	Radio Aids of Signal Sending, Reception and Processing	4 years	Russian Mathematics Physics
13.03.01	Heat Power Engineering	Facilities Power Supply	4 years	
13.03.02	Electric Power and Electrical Engineering	Electric Power Supply	4 years	
14.03.02	Nuclear Physics and Technologies	Human and Environmental Radiation Safety	4 years	
29.03.04	Art of Metalwork Technology		4 years	
44.03.05	Pedagogic Education	Physics and Information Science	4 years	Russian Physics Social Science
Institute of Finances and Economics				
38.03.01	Economics	Labor Economics; Finance and Credit; Taxation; Insurance; World Economy, Joint Program with Nice Sophia Antipolis University (France); Accounting, Analysis and Audit	4 years	Russian English Mathematics Social Science
38.03.02	Management	Financial Management; International Management	4 years	
38.03.03	Human Resources Management		4 years	
38.03.04	Public Administration		4 years	
38.03.06	Commerce		4 years	
Faculty of Law				
40.03.01	Law	Criminal Law	4 years	Russian History Social Science
40.03.01	Law	State Legal Law	4 years	
40.03.01	Law		4 years	