



# **History**

- 1950 Murmansk Higher Navigation School
- since 1969 Higher Maritime Engineering School
- since 1992 State Fishing Fleet Academy
- since 1996 Murmansk State Technical University







# **MSTU** today

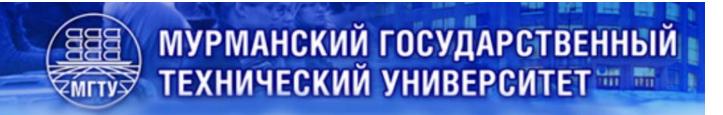
- more than 9000 students and cadets;
- > 667 teachers, among which:
  - ☐ 3 Academicians;
  - □ 2 Corresponding Member of Russian Academy of Science;
  - □ 104 Doctors of Science;
  - ☐ 304 Candidates of Science.



# **Educational** activity

The following forms of educational activities are licensed in MSTU:

- 43 specialties (5-years education period);
- 23 bachelor's training directions
- □ 11 master's training directions



# Structure of MSTU

- Maritime Academy
- 12 faculties
- ☐ 45 chairs
- ☐ Institute of Distance learning
- □ Branch in Apatity
- □ Branch in Monchegorsk
- ☐ Institute of the Supplementary Professional Education
- ☐ College of MSTU



# **Polytechnical Faculty**

- □ Computer Software and Automated Systems
- □ Automation of Technological Process and Production
- Automobiles and automobile management
- □ Energy supply of enterprises
- **☐** Electric Power Supply
- □ Informational Science and Computer Engineering



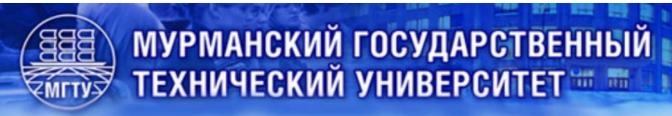
## **Lines of Cooperation:**

- ☐ State Regional Unitary Heat-and-Power Engineering Enterprise «Heat and Power Engineering Complex of Heating Systems»
- □ Kola Energetic Enterprise «KolEnergo»









# **Faculty of Natural Sciences**

- □ Geology and Minerals Exploring;
- ☐ Gas and Oil Engineering;
- ☐ Environmental Protection;
- Water Supply and Sewerage;
- Environmental Engineering Protection;
- □ Opencast Mining of Deposits;
- ☐ Underground Mining of Minerals;
- ☐ Physical Process of Mining or Oil and Gas Production;
- ☐ Industrial and civilian construction.

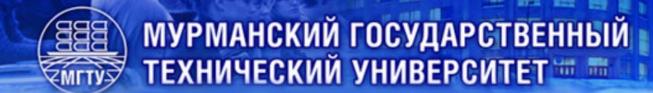


# **Lines of Cooperation:**

- o Faculty of Natural Sciences works in close contact with the leading enterprises in the Murmansk Region and abroad:
- o «Kola mining and smelting enterprise»,
- o «Arctic marine engineering exploration companies»,
- o «Arctic marine oil and gas exploration enterprise»,
- o «Marine arctic geological prospecting company»







# **Technological Faculty**

- □ Technology of fish and fish products;
- □ Technology of Public Catering Products;
- □ Food engineering of small enterprises;
- Machines and mechanism for food production;
- □ Chemistry;
- Merchandising technique and expert examination of goods in the sphere of Customs Affaires;
- □ Technology of food products.



# **Biological Faculty**

- □ Biology;
- □ Bioecology;
- Microbiology;
- □ Geoecology.



# МУРМАНСКИЙ ГОСУДАРСТВЕННЫЙ TEXHUYECKUЙ YHUBEPCUTET Lines of Cooperation: Students of the Biological Faculty do their practical work in the following institutions: Murmansk Marine Biological Institute; Polar-Alpine Botanical garden-institute; Polar research Institute; Lapland and Kandalaksha reservation parks; Murmansk oceanarium; Murmansk Centre for Standardization Metrology and Certification; Bergen University (realization of joint practical training on Marine Biology)

# Faculties of Humanitarian and Economical Sciences

- □ Faculty of Economics
- □ Faculty of World Economy and International Relations
- □ Faculty of Law
- Humanitarian Faculty



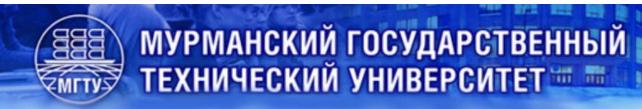
# Continuing education and education by correspondence

- ☐ Center of socioeconomic retraining 6 specializations
- □ Part-time and Correspondence Faculty 15 specializations
- □ Faculty of Correspondence Socio-economic Education 7 specializations

# **Apatity branch of MSTU**

founded on the base of Kola Scientific Center of Russian Academy of Sciences

- **□**Geoecology;
- ☐ Geology and mineral exploration;
- □ Opencast mining;
- ☐ Underground exploitation of mineral deposit;



# Monchegorsk branch of MSTU

**Faculty of Economics** 

**Enterprises management** 

**Polytechnic Faculty** 

**Enterprises power supply** 



# **Institute of Distant Learning**

Founded in 2005

17 specializations



Getting of higher education without interruption from place of work and change place of residence, at a time which is convenient to a person



# **МУРМАНСКИЙ ГОСУДАРСТВЕННЫЙ ТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ**

### **Licensed master's programs**

	Program's code	Program	Start of training
1	020200.68	Biology	2009
2	130100.68	Geology and mineral exploration	2005
3	280200.68	Environmental protection	2009
4	230100.68	Information science and computer engineering	2009
5	260100.68	Technology of food processing	2009
6	020100.68	Chemistry	2009
7	020800.68	<b>Ecology and nature management</b>	2009

# It wasn't admission in 2009 / 2010 academic year

8	130400.68	Mining	
9	080500.68	Menegement	
10	270100.68	Building	
11	080100.68	Economics	

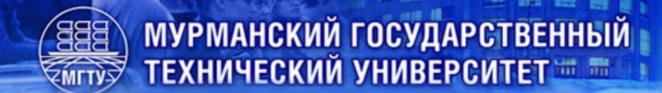


# Postgraduate centre

- ☐ Training of PhD students is realized in 31 academic specialities.
- Postgraduate centre has more than 400
   PhD students

# **Directions of MSTU scientific activity**

Computer and information technologies in engineering systems, economics, science and education;
Techniques and technology of hydrobionts and agricultural raw materials
processing;
Ship navigation, industrial fishing and maintenance of fleet;
Chemistry, ecology, environment and safety of living;
Problems of reliability growth and effectiveness of engineering systems and
processing equipment;
Resource and energy – saving technology;
Problems of education;
History, philosophy and sociology;
Basic problems in the geology of Kola Peninsula and Arctic sea shelf;
Research of geophysical processes in the Arctic region;
Regional problems of economics, law, prognostics and management.



# **Our partners are:**

Finland: 7 agreements

Norway: 9 agreements

Sweden: 6 agreements

**Great Britain:** 3 agreements

**Spain:** 2 agreements

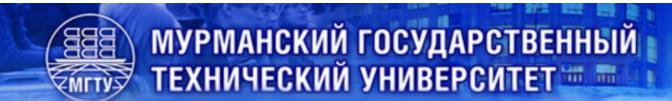
France: 2 agreements Poland: 3 agreements

Italy: 1 agreement

Germany: 1 agreement

Serbia: 1 agreement

Slovenia: 1 agreement



Thank you!