

Thai Nguyen University History

Thai Nguyen University is located in Thai Nguyen City of the Northern Midland and Mountainous region – a critically strategic region for socio-economic, national security, public security, foreign affairs and environmental ecosystem of the country with potentials and advantages to develop agriculture, forestry, hydroelectric power, mining, tourism and border economics.



The Northern Midland and Mountainous Region has many ethnic minorities living in harmony for a long tradition, in which ethnic minorities are accounted for 54.68% - the highest rate in the country with their own cultural identities. This region has many historical, cultural, revolutionary bases and outstanding scenes. In terms of administration, the region includes 16 provinces, namely Ha Giang, Cao Bang, Lao Cai, Bac Kan, Lang Son, Tuyen Quang, Yen Bai, Thai Nguyen, Phu Tho, Bac Giang, Quang Ninh, Lai Chau, Dien Bien, Son La, Hoa Binh and Vinh Phuc, with approximately 13 million people in population and 10 million hectares in area (account for 30.7% of the total country area).



Thai Nguyen is the convergence of cultures of the Northern Mountain's ethnic minorities, a focal point of cultural and educational activities of the vast northern mountains. With a geographic location in the center of politics and economy of the Northern mountainous region east midlands, Thai Nguyen is also the gateway of socio- economic exchange between the Northern Midlands and Mountainous and the Northern Plains.

TNU is mandated to provide higher education in agriculture and forestry, teacher education, medicine and health care, industrial technologies and related fields for the northern mountainous area of Vietnam through its postgraduate, undergraduate, and vocational training programs; to generate innovation/technologies and managing science for socio-economic development of the area; to participate in technological transferring and extension for socio-economic development of the area; to participate in setting up policies for sustainable development of the area and country; and to be a center to generate, store, and provide information for development & management.

HISTORY AND DEVELOPMENT:

Thai Nguyen University (TNU) was established on April 4th 1994 by virtue of the Decree No. 31/CP of the Prime Minister on the basis of reorganizing and merging local universities in Thai Nguyen Province, namely:

+ Thai Nguyen University of Electrical Engineering (now TNU University of Technology);

- + Viet Bac University of Education (now TNU University of Education);
- + Bac Thai University of Agriculture III (now TNU University of Agriculture and Forestry);
- + Bac Thai University of Medicine (now TNU University of Medicine and Pharmacy)
- + Viet Bac Vocational School of Electrical Engineering (now TNU College of Economics and Techniques)

Currently, TNU has 21 member units with 4,193 staff members, including 2,719 teachers and lecturers. Of the total number of staff members, there are 105 Professors and Associate Professors, 398 Ph.Ds. and 1,776 Master's degree holders, together with nearly 1000 research staff and post-graduates attending courses at domestic and foreign training units.

Thai Nguyen University is composed of the following training, research, and support units:

Thai Nguyen University is composed of :

Ten (10) training units

- TNU University of Technology
- TNU University of Education
- TNU University of Agriculture and Forestry
- TNU University of Medicine and Pharmacy
- TNU University of Economics and Business Administration
- TNU University of Sciences
- TNU University of Information and Communication Technology
- TNU College of Economics and Techniques
- TNU School of Foreign Languages
- TNU International School

Three (03) research units

- TNU Institute of Life Sciences

- TNU Research Institute of Technology and Humanities in Mountainous Areas
- TNU Research Development Institute of Advanced Industrial Technology

Seven (08) support units

- TNU Publishing House
 - TNU Learning Resource Center
 - TNU International Cooperation Center
 - TNU Centre for National Defense Education
 - TNU Centre for Human Resource Development for Foreign Language Studies
 - TNU Pre-doctoral Training Center
 - TNU Distance Learning Center
 - TNU Practical Hospital
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TRAINING

Scale of training

In 2013, TNU enrolls and trains students in:

- 24 doctorate majors (in which 12 majors are in accordance with the 911 Project – Project of Granting Scholarship for Doctoral degree)
- 43 master majors and 19 majors for specialist doctors and resident doctors
- 153 bachelor programs and 17 college majors.

Up to 2013, TNU has a total student population of 90,327, including 599 graduate students, 4,492 master's students and 85,230 students of university and college levels.



Modern facilities for studying



Modern facilities for studying

Visual studying facilities

Training majors and branches

DOCTORATE MAJORS

TNU University of Technology

1. Mechanical Engineering
2. Control and Automation Engineering

TNU University of Education

1. Theory and History of Education
 2. Vietnamese Literature
 3. Genetics
 4. Ecology
 5. Analytical Mathematics
 6. Theory and Method of Teaching Physics
 7. Theory and Method of Teaching Biology
 8. Educational Management
 9. Vietnamese Language
10. Vietnamese History

TNU University of Agriculture and Forestry

1. Animal Husbandry
2. Parasites and veterinary micro-organisms
3. Cultivated Plant Science
4. Silviculture
5. Nutrition and Husbandry Foods
6. Land Management

TNU University of Medicine and Pharmacy

1. Social sanitation and Medical Organization
2. Paediatrics

TNU University of Economics and Business Administration

1. Agricultural Economics
2. Economics Management

TNU University of Sciences

1. Biochemistry
2. Algebra and Number Theory



MASTER MAJORS

TNU University of Technology

1. Mechanical Engineering
2. Electrical Engineering
3. Electronic Engineering
4. Control and Automation Engineering
5. Technical Engineering

TNU University of Education

1. Theory and Method of Teaching Biology
2. Ecology
3. Genetics
4. Practical Biology
5. Theory and Method of Teaching Geography
6. Theory and Method of Teaching Physics
7. Theory and Method of Teaching Mathematics
8. Algebra and Number Theory
9. Mathematical Analysis
10. Theory and Method of Teaching Literature
11. Vietnamese Culture
12. Vietnamese Language
13. Vietnamese History
14. Pedagogics
15. Inorganic Chemistry
16. Organic Chemistry
17. Analytical Chemistry
18. Educational Management
19. Natural Geography

TNU University of Agriculture and Forestry

1. Animal Husbandry

2. Veterinary
3. Cultivated Plant Science
4. Forestry
5. Land management
6. Environmental Science
7. Rural development

TNU University of Medicine and Pharmacy

1. Preventive Medicine
2. Internal Pathology
3. Pediatrics
4. External Pathology

Specialist Doctor I, II and Resident Doctor's Majors

1. Specialist Doctor I

- | | |
|-----------------------|------------------------------|
| - Internal Pathology | - External Pathology |
| - Public Health | - Obstetrics |
| - Pediatrics | - Anesthetic |
| - Tuberculosis | - Skin and venereal diseases |
| - Psychiatry | - Ophthalmology |
| - Otorhinolaryngology | - Family Medicine |
| - Preventive Medicine | |

1. Specialist Doctor II

- | | |
|---------------------|----------------------|
| - Internal Medicine | - External Pathology |
| - Public Health | - Obstetrics |

1. Resident Doctor

- | | |
|----------------------|----------------------|
| - Internal Pathology | - External Pathology |
|----------------------|----------------------|

TNU University of Economics and Business Administration

1. Agricultural Economics

2. Economics Management
3. Business Administration

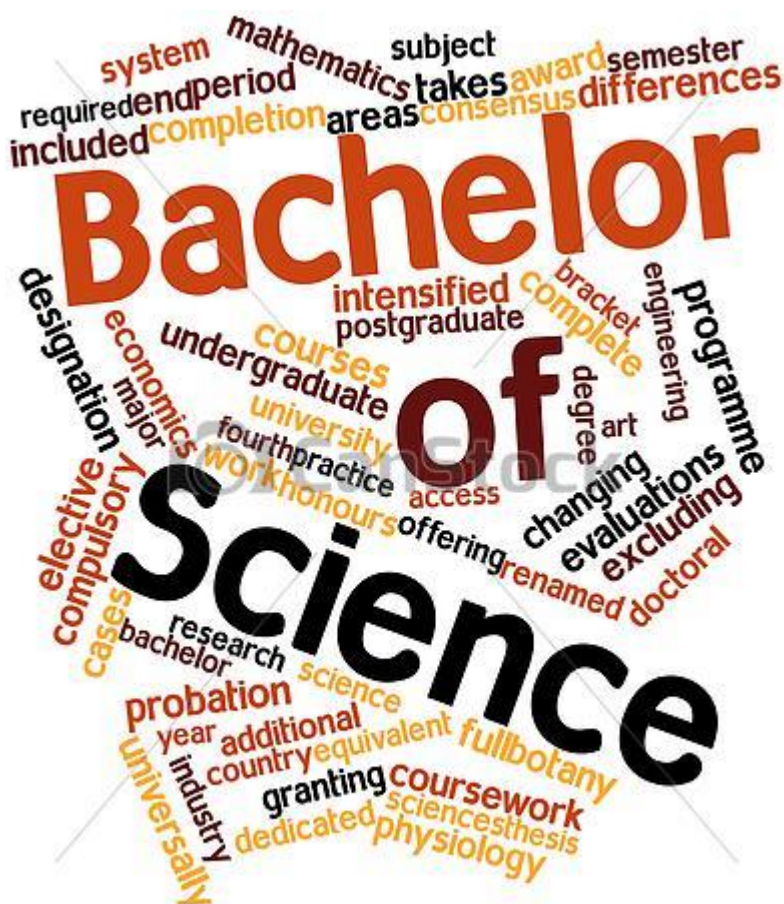
TNU University of Science

1. Method of Elementary Mathematics
2. Applied Mathematics
3. Biotechnology

TNU University of Information and Communication Technology

1. Computer Science

BACHELOR BRANCHES



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Bachelor of ARTS

TNU University of Technology

1. Mechanical Engineering
2. Engineering of Mechanics- Electronics
3. Engineering of Electrics, Electronics
4. Engineering of Electronic and Communications
5. Computer Engineering
6. Control and Automation Engineering
7. Industrial Engineering Education
8. Industrial Economics
9. Construction work Engineering
10. Environmental Engineering

TNU University of Education

1. Pedagogics
2. Pre-school Teacher Education
3. Primary Teacher Education
4. Political Teacher Education
5. Physical Teacher Education
6. Mathematics Teacher Education
7. Informatics Teacher Education
8. Physics Teacher Education
9. Chemistry Teacher Education
10. Biology Teacher Education
11. Literature Teacher Education
12. History Teacher Education
13. Geography Teacher Education
14. Fine Arts Education
15. Musical Education

TNU University of Agriculture and Forestry

1. Land Management
2. Rural Development
3. Agricultural Economics
4. Food Technology
5. Forest Resource Management
6. Agro-technology Teacher Education

7. Animal Husbandry
8. Veterinary
9. Forestry
10. Cultivated Plant Science
11. Agricultural Extension
12. Environmental Science
13. Aquaculture
14. Technology of fruits, Vegetables and Landscape
15. Post-harvest Technology
16. Biotechnology

TNU University of Medicine and Pharmacy

1. General Medicine
2. Pharmacy
3. Odonto-stomatology
4. Preventive Medicine
5. Nursing

TNU University of Economics and Business Administration

1. Economics
2. Business Administration
3. Marketing
4. Tourism and travel business administration
5. Accounting
6. Finance – Banking
7. Economics Law

TNU University of Sciences

1. Mathematics
2. Physics
3. Applied Mathematics
4. Chemistry
5. Natural Geography
6. Environmental Science
7. Biology
8. Biotechnology
9. Literature
10. History
11. Management Sciences
12. Social Work
13. Vietnamology
14. Library Science
15. Chemical Engineering Technology
16. Journalism
17. Tourism
18. Natural Resources and Environment Management
19. Law

TNU University of Information and Communication Technology

1. Information Technology
2. Software Engineering
3. Computer Science
4. Telecommunication and computer networks
5. Information system
6. Computer Engineering Technology
7. Multimedia Telecommunications
8. Electronics Engineering and Communication Tech.
9. Electrical and Electronic Engineering Technology
10. Biomedical Engineering
11. Control Engineering and Automation Technology
12. Management Information Systems
13. Office Administration

TNU School of Foreign Languages

1. English Teacher Education
2. Chinese Language
3. Chinese Teacher Education
4. Russian Teacher Education
5. English Language
6. French Language

TNU International School

1. International Business
2. Business Administration
3. Accounting
4. Natural Resources and Environment Management

COLLEGE BRANCHES



TNU University of Medicine and Pharmacy

1. Medical Laboratory Technology
2. School Medicine

TNU School of Foreign Languages

1. English teacher education

TNU College of Economics and Techniques

1. Mechanical Engineering Technology
2. Electronics and Electrical Engineering Tech.
3. Information Technology
4. Construction Engineering Technology
5. Traffic Engineering Technology
6. Accounting - Audit
7. Environment and Land Administration
8. Business Administration
9. Finance- Banking
10. Construction Management
11. Cultivated Plant Sciences
12. Veterinary Services
13. Land Management
14. Environmental Management

At present, TNU has 4,193 staff, of which there are 2,719 lecturers with 105 Professors/Associate Professors, 398 Doctors and 1,776 Masters. The university has a current enrollment of 90,000 students, of which there are about 600 graduate students, 65,000 undergraduate (55,000 full-time and 10,000 part-time) and others are professional vocational students. 24% of the total students are ethnic minority students. The annual application average is from 70-80 thousand applications from various parts of the country, mostly from 16 northern upland provinces of Vietnam. Moreover, the number also includes 211 international students sent to Vietnam, such as Laos, Cambodia, the Philippines, Indonesia, Malaysia, and China.

Degree programs offered by Thai Nguyen University are:

Undergraduate Programs:

TNU University of Technology: Mechanical Engineering, Engineering of Mechanics-Electronics, Engineering of Electrics, Electronics, Engineering of Electronic and Communications, Computer Engineering, Control and Automation Engineering, Industrial Engineering Education, Industrial Economics, Construction work Engineering, and Environmental Engineering

TNU University of Education: Pedagogics, Pre-school Teacher Education, Primary Teacher Education, Political Teacher Education, Physical Teacher Education, Mathematics Teacher Education, Informatics Teacher Education, Physics Teacher Education, Chemistry Teacher Education, Biology Teacher Education, Literature Teacher Education, History Teacher Education, Geography Teacher Education, Fine Arts Education, and Musical Education

TNU University of Agriculture and Forestry: Land Management, Rural Development, Agricultural Economics, Food Technology. Forest Resource Management, Agro-technology Teacher Education, Animal Husbandry, Veterinary, Forestry, Cultivated Plant Science, Agricultural Extension, Environmental Science, Aquaculture, Technology of fruits, Vegetables and Landscape, Post-harvest Technology and Biotechnology

TNU University of Medicine and Pharmacy: General Medicine, Pharmacy, Odontostomatology, Preventive Medicine and Nursing

TNU University of Economics and Business Administration: Economics, Business Administration, Marketing, Tourism and travel business administration, Accounting, Finance – Banking, and Economics Law.

TNU University of Sciences: Mathematics, Physics, Applied Mathematics, Chemistry, Natural Geography, Environmental Science, Biology, Biotechnology, Literature, History, Management

Sciences, Social Work, Vietnamology, Library Science, Chemical Engineering Technology, Journalism, Tourism, Natural Resources and Environment Management, and Law.

TNU University of Information and Communication Technology: Information Technology, Software Engineering, Computer Science, Telecommunication and computer networks, Information system, Computer Engineering Technology, Multimedia Telecommunications, Electronics Engineering and Communication Tech. Electrical and Electronic Engineering Technology, Biomedical Engineering, Control Engineering and Automation Technology, Management Information Systems, and Office Administration.

TNU School of Foreign Languages: English Teacher Education, Chinese Language, Chinese Teacher Education, Russian Teacher Education, English Language, French Language

TNU International School: International Business, Business Administration, Accounting, Natural Resources and Environment Management.

Postgraduate Education:

*** Doctorate:**

TNU University of Technology: Mechanical Engineering, Control and Automation Engineering

TNU University of Education: Theory and History of Education, Vietnamese Literature, Genetics, Ecology, Analytical Mathematics, Theory and Method of Teaching, Physics, Theory and Method of Teaching Biology, Educational Management, Vietnamese Language, and Vietnamese History

TNU University of Agriculture and Forestry: Animal Husbandry, Parasites and veterinary micro-organisms, Cultivated Plant Science, Silviculture, Nutrition and Husbandry Foods, and Land Management

TNU University of Medicine and Pharmacy: Social sanitation and Medical Organization, and Paediatrics

TNU University of Economics and Business Administration: Agricultural Economics, Economics Management

TNU University of Sciences: Biochemistry, and Algebra and Number Theory.

*** Master:**

TNU University of Education: Theory and Method of Teaching Biology, Ecology, Genetics, Practical Biology, Theory and Method of Teaching Geography, Theory and Method of Teaching Physics, Theory and Method of Teaching Mathematics, Algebra and Number Theory, Mathematical Analysis, Theory and Method of Teaching Literature, Vietnamese Culture, Vietnamese Language, Vietnamese History, Pedagogics, Inorganic Chemistry, Organic Chemistry, Analytical Chemistry, Educational Management and Natural Geography.

TNU University of Agriculture & Forestry: Husbandry, Veterinary, Cultivated Plant Science, Forestry, Land management, Environmental Science and Rural development.

TNU University of Medicine and Pharmacy: Preventive Medicine, Internal Medicine, Paediatrics and Pathology.

TNU University of Technology: Engineering, Electrical Engineering, Electronic Engineering, Control and Automation Engineering and Technical Engineering.

TNU University of Economics and Business Administration: Agricultural Economics, Economics Management and Business Administration

TNU University of Sciences: Method of Elementary Mathematics, Applied Mathematics and Biotechnology

TNU University of Information and Communication Technology: Computer Science

*** College:**

TNU College of Economics and Techniques: Mechanical Engineering Technology, Electronics and Electrical Engineering Tech. Information Technology, Construction Engineering Technology, Traffic Engineering Technology, Accounting – Audit, Environment and Land Administration, Business Administration, Finance- Banking, Construction Management, Cultivated Plant Sciences, Veterinary Services, Land Management, and Environmental Management.

TNU University of Medicine and Pharmacy: Medical Laboratory Technology, and School Medicine

TNU School of Foreign Languages: English teacher education

The curricular programs of the University reflect a close working links with local and international Universities, businesses and industries so that its standards will be relevant to the socio-economic needs of the country.

Through the years of its development, TNU has trained thousands of high quality professionals in response to the manpower needs of the country. In addition, the University has provided support in training the faculty and staff of various colleges and universities in the region as follows: Tay Bac University, Hung Vuong University, Bac Giang University of Agriculture and Forestry, Bac Can College, Son La College, among others.

The training quality in the entire university has been improving considerably. Based on records, 30% of students obtained good and excellent ratings (this figure was only 15% in 2005). The system of tertiary education assessment has been formed in the university head office and to its member units, faculties and divisions. Up to now, 100% of the training institution has completed the self-assessment based on MOET's criteria and standards.

In its desire to be recognized as a research Centre, TNU has implemented 2 programs: Renovating Research Management and Cooperating with regional provinces in technology transfer. During the period from 2006 to 2012, TNU has conducted 06 state-level science projects, 22 key ministry-level projects, 409 ministry-level projects, almost 2000 state-level projects, over 3000 university-level projects, and published about 2000 articles in Vietnam and abroad, hosted approximately 20 National and regional conferences. Following the motto "Associating scientific research with academic affairs, to meet the needs for local socio-economic development", at present, TNU has entered into many cooperative agreements on science and technology with almost all provinces within the region, such as Bac Giang, Lang Son, Cao Bang, Bac Can, Tuyen Quang, Lao Cai, Yen Bai, Son La, Dien Bien, Lai Chau, Hoa Binh, Bac Ninh, Quang Ninh, and Vinh Phuc.

One of the breakthroughs of TNU's new advancement is its international cooperation with diverse activities, such as: establishing partnership training institutions, adopting foreign advanced curricula, students and teacher exchanges, and implementing international projects. At present, TNU has entered into and signed agreements with over 120 partners in various fields with many countries, training institutions and research organizations. In particular, in recent years, TNU has collaborated with reputable universities such as University of Hawaii, University of California, University of Buffalo in the United States, University of Manchester, University of De Montfort, University of Reading – United Kingdom, Paris University – France, Pingtung University – Taiwan, Honghe Academy, Yunnan University – China.

For the improvement of staff's professional career, language and computer skills, TNU has cooperated with the British Council and Cambridge representative office in Vietnam in

establishing an office at TNU in 2012. In this context, the university was entrusted by the MOET and the Management Board for the National Project of Language improvement as one of 5 centers to handle the project.

For nearly 20 years of development, TNU has been experiencing growth in qualitative and quantitative aspects in instruction, scientific research and technology transfer, production, and management, among others. Hence, as it continues its journey towards the future, it displays with dynamism its commitment toward the pursuit of excellence in this noble undertaking.

The university's development strategy till 2020 is to develop all the resources to make TNU become a prime university, and high-quality training and research center of the Northern midland and mountainous area. This direction will contribute to building and defending the Socialist Republic of Vietnam, successfully achieving the project in making TNU to become the prime university and the regional academic training center towards 2020, as approved by the Ministry of Education and Training.

With this in mind, Thai Nguyen University envisions to become a world class University within Vietnam and the Southeast Asia in providing higher education in the fields of agriculture and forestry, teacher education, technology, economics, business administration, medicine and pharmacy, information and communication technology, foreign languages, among others.

Last updated: **1st September 2014**