

VIETNAM'S NATIONAL STANDARD FOR TALENT-ORIENTED STEM PROGRAMS

as a

HUMAN-CENTERED EDUCATIONAL ARCHITECTURE

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Vietnam at a New Economic Moment



Rapid Growth

GDP growth among the highest in Asia-Pacific



Digital Enterprises

Digital economy contributing ~15% of GDP and rising rapidly.



Deep Integration

Growth increasingly driven by science, technology, and digital transformation

ASEAN-6 GDP GROWTH IN Q3 OF 2025



#Rank	Flag	Countries	% Growth
1		VIETNAM	8,23
2		PHILIPPINES	5,80
3		INDONESIA	5,20
4		SINGAPORE	4,80
5		MALAYSIA	4,20
6		THAILAND	2,80

Gross Domestic Product

*ASEAN-6 IS THE 6 LARGEST ECONOMICS IN SOUTHEAST ASIA

The statistics are based on official releases by National Governments.

Edited by: ASEAN - Eastern Culture



DIGITAL ECONOMY CONTRIBUTES NEARLY 15% TO VIETNAM'S GDP IN FIRST HALF



Image Source: ASEAN-Eastern Culture; Seasia Stats; logistics.gov.vn

National Policy Context

→ Vietnam aims to build a modern, equitable, and high-quality education system and reach the global top 20 by 2045.

TARGETS BY 2035

The education and training system will continue to be modernised, with strong and steady progress in accessibility, equity, and quality



≥2 higher education institutions ranked among the world's top 100 universities in certain fields according to reputable international rankings



Complete universal high school education and equivalent levels, with the education index contributing over 0.85 to the Human Development Index (HDI)



The human capital and research index contributes to the Global Innovation Index (GII) at a level above the average of upper-middle-income countries



VISION TO 2045

Vietnam targets a modern, equitable, and high-quality national education system, ranking among the world's top 20 countries



High-quality human resources and scientific and technological talent will become the driving force and competitive advantage of the nation, contributing to making Vietnam a developed, high-income country



All citizens have opportunities for lifelong learning, to improve their knowledge and skills, and to fully develop their personal potential



≥5 higher education institutions among the world's top 100 universities in certain fields, according to reputable international rankings



Policy Foundations



- Universities are encouraged to generate revenue through science, technology, innovation, and knowledge transfer.
- Science and technology activities are recognized as a core performance indicator of higher education institutions.
- Public universities are explicitly assigned missions in training, research, technology transfer, and innovation services.

From Policy Priority to Systemic Demand

- ❖ National priorities create new expectations for the higher education system.
- ❖ Higher education is no longer expected to focus solely on mass training.
- ❖ Universities are increasingly required to:
 - Develop elite and high-quality human resources
 - Lead scientific research and innovation
 - Contribute directly to national competitiveness



Strategic Meaning of the National Standard

- **The national curriculum standard reflects Vietnam's political commitment to higher education as a strategic breakthrough for national development.**
- **The standard serves as a strategic signal to:**
 - **Mobilize targeted, long-term State investment in priority sectors;**
 - **Strengthen industry linkages to drive innovation and technology transfer;**
 - **Deepen international cooperation within global knowledge and innovation networks;**

Redefining "TALENT"

→ Talent serves national development across learning, science, technology, leadership, and entrepreneurship, with learners supported to develop their distinct talent orientations.



Scientific Capability

Research excellence & discovery.



Technological Capacity

Innovation & engineering prowess.



Leadership Potential

Value creation potential.

VIETNAM'S NATIONAL STANDARD FOR TALENT-ORIENTED STEM PROGRAMS

Education adapts to talent, not talent adapting to rigid education.



Science-Oriented

Focus on deep research.



Technology-Oriented

Focus on innovation & products.



Leadership-Oriented

Focus on business & management.

- Technology is embedded as a core element of the curriculum.
- AI platforms, digital environments, and simulations enable personalized learning and knowledge creation.
- This approach strengthens learner autonomy, creativity, and academic connection

VNU.UET and Talent Education

- **Talent in STEM Fields**
 - Science
 - Technology
 - Business, Management, and Leadership
- **Target Talent Groups**
 - Students who have won national or international Olympiad awards in Mathematics, Physics, Chemistry, Informatics, or Biology
 - Highly motivated students with strong passion, research potential, and creative thinking
- **Training Programs**
 - Foster individualized capabilities and pathways toward becoming experts, researchers, and technology innovators
 - Emphasis on producing tangible scientific and technological outputs
 - Strong international collaboration and industry partnerships
 - Supported by government investment and institutional resources

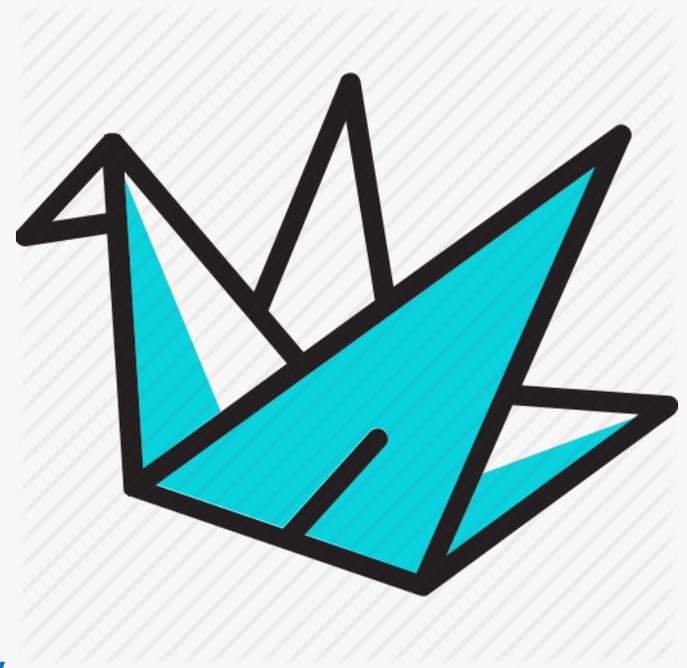




Development Philosophy

- To develop high-quality human resources in key science and technology fields, contributing to sustainable socio-economic development and fulfilling national missions.
- To align education and training with scientific research and innovation, serving as a core source of high-level S&T human resources.
- To contribute to the implementation of the United Nations' Sustainable Development Goals (SDGs) in Vietnam.

VNU-UET highly welcomes the collaboration of enterprises in developing and commissioning training programs to ensure that graduates are well-prepared to meet industry requirements immediately upon completion of their studies.



Sustainable Development – Social Responsibility – National Responsibility



Is This A Question?

**Are we sure this is a question?
and if so, what is it?**





Thank You.