



TRƯỜNG THPT CHUYÊN KHOA HỌC TỰ NHIÊN
HUS HIGH SCHOOL FOR GIFTED STUDENTS

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SCHOOL PROFILE

HUS High School for Gifted Students (HUS HSGS), is a specialized public high school which belongs to VNU University of Science, Vietnam National University, Hanoi. While each province or some universities in Vietnam have their own high school for local gifted students, HUS HSGS is located in Hanoi and is open to gifted students from all provinces in Vietnam. It is considered the leading school among high schools for gifted students in Vietnam.

Every year, about 600 qualified students are admitted to HUS HSGS.

Foundation and history

In September 1965, Vietnamese Professor Hoang Tuy, with support from Professor Le Van Thiem and Prime Minister Pham Van Dong, established a specialized Mathematics class for talented high school students in Vietnam. This class, consisting of 38 students, was the first of its kind in Vietnam and served as the precursor to HUS High School for Gifted Students. Specialized classes in Physics, Chemistry, Informatics, and Biology for high school students were subsequently established in 1985, 1992, 1993, and 1998 respectively, under the University of Hanoi (now known as VNU University of Science). In June 2010, all these specialized classes were combined to form the High School for Gifted Students under VNU University of Science, Vietnam National University, Hanoi, commonly referred to as "**HUS High School for Gifted Students**".

Admission

Admission to each course at HUS HSGS is based on a competitive entrance examination. Students can apply for multiple courses but can only be admitted to one. Admitted students are not allowed to change their course. To be admitted to HUS HSGS, students must have completed grade nine of middle school with good academic achievement and pass a competitive entrance examination organized by VNU University of Science. Each student must take two compulsory tests in Math and Vietnamese Literature, along with one specialized subject test of their choice. The acceptance rate for all specialized classes, including Mathematics, Informatics, Physics, Chemistry, and Biology, is typically as low as 10%.

Students who achieve scores just below the cutoff for specialized classes can also participate in IQ and EQ tests to be admitted to the high-quality classes.

Approximately 100 students are admitted each year for each specialized course and the high-quality course, making a total of around 600 freshmen annually.

Education and training

HUS HSGS provides six (6) academic programs (courses); of which five (5) courses are specialized programs for each subject including Mathematics, Physics, Chemistry, Biology and Informatics; and one program is high quality classes which is not specialized in any subject. The students who pursue a specialized subject shall study in the classes naming the same with the subject. A student can attend only one class and could not change his/her admitted class.

The school's curriculum requirements for each course are as follows:

Courses (Classes)	Specialized Subject Higher advanced level (Honors course)	Advanced Subjects Advanced level	Other Subjects (*) Standard level (**)
Math Classes	Math	Physics, Chemistry, Biology	Yes
Physics Classes	Physics	Math, Chemistry, Biology	Yes
Chemistry Classes	Chemistry	Math, Physics, Biology	Yes
Biology Classes	Biology	Math, Physics, Chemistry	Yes
Informatics Classes	Informatics	Math, Physics, Chemistry, Biology	Yes

(*) These subjects include Literature, History, Geography, English, Technology, Military Education, Physical Education and Civic Education.

(**) The standard level is the same for high schools in Vietnam.

The school's standard tests including the mid-semester's quality fair evaluation tests and the end-semester's tests are the same for all students in a grade (tenth, eleventh and twelfth), regardless of their classes. The different points in the school's curriculums of a subject for the class specialized in that subject and for the other classes are the lectures and tests being performed on each above-mentioned course.

At the end of each academic year, students are expected to present good to excellent study results in all subjects to remain in school to continue their curriculum.

Teachers and Staff

In September 2026, the school staff includes 70 teachers and clerks. With three (4) Associate Professor, sixteen (18) doctors and a high number of masters, HUS HSGS is in top of the high schools for gifted students having the most experienced and qualified teachers.

Besides, the school has over 40 visiting lecturers who are professors or lecturers at Vietnam National University and some other institutes.

Achievements

College Admission

99% of HUS HSGS students are admitted to the top universities in Vietnam and top universities abroad.

The school ranks in the top three (3) high schools in Vietnam having its students admitted to various national universities with highest rate and quality.

National Olympiad

Every year, the HUS HSGS always sends the school' teams of selected students (these teams also are deputed from Vietnam National University, Hanoi) to attend National Olympiads in the subjects of Mathematics, Physics, Chemistry, Biology and Informatics. Our students have received many prizes in these subjects.

International Olympiad

Every year, HUS HSGS always has its students participating in the Vietnam National Teams to attend the International Olympiads in these subjects.

HUS HSGS's students has got 90 medals in Mathematics (IMO) (since 1974), 65 medals in Informatics (IOI) (since 1989), 52 medals in Physics (IPhO) (since 1988), 29 medals in Chemistry (IChO) (since 1996), 22 medals in Biology (IBO) (since 1999), 6 medals in Artificial Intelligence (IOAI) (since 2025), including 84 gold medals (33 IMO, 15 IOI, 13 IPhO, 16 IChO, 3 IBO, 4 IOAI).

Notable alumni

- Ngo Bao Chau, Professor of Mathematics, University of Chicago, Clay Research Award (2004), Fields Medal (2010).