

MIEM HSE SUMMER SCHOOL 2026

高等经济大学暑期学校

SPACE TECHNOLOGY & ENGINEERING / MOSCOW



TWO TRACKS. ONE MISSION.

两个方向，一个目标：探索太空技术

ENGINEERING

工程方向

01

Design 3D models and print them to take home. Build electronic circuits from scratch. Design and fabricate your own circuit board. Assemble a satellite module with your team.

REMOTE SENSING

遥感方向

02

Process real satellite imagery from orbit. Detect changes in vegetation, water, and urban areas. Classify landscapes from space. Work with data from HSE's own 4 satellites.

9

Study Days
学习天数

2-3

Sessions / Day
每日课程

4

HSE Satellites
高校卫星

100%

Hands-On
实践操作

BUILD IT. KEEP IT.

亲手制作 · 带回家

- 01 Design & Print** — Create a 3D model, print it on professional printers, take it home as a souvenir
- 02 Wire & Code** — Build working electronic circuits, program a microcontroller, see your code come alive
- 03 Design & Etch** — Draw a professional circuit board layout, then fabricate it with real lab equipment
- 04 Assemble** — Put it all together into a complete satellite module, built by your hands



SEE EARTH FROM SPACE

用卫星数据认识世界

Download real satellite imagery. Detect forests, rivers, cities from orbit. Calculate vegetation health. Track environmental changes over years.

HSE operates **4 satellites** — you will work with their actual data.



THEY. LOVED. IT.

他们非常喜欢

Our Winter School brought students from China for an intense week of engineering and space technology.

Now expanded: 2 weeks, 2 tracks, more depth.

SUMMER 2026

BEYOND THE LAB

走出实验室

Space museums, cultural landmarks, Moscow by night. The program includes guided excursions to experience one of the world's great cities.

Cosmonautics Museum / VDNKh / Red Square / Kremlin



REAL LAB. REAL SKILLS.

真实实验室 · 真实技能

- / **Satellite hardware** — work with CubeSat frames and flight-grade components
- / **3D printing lab** — design your model, print it, bring it home
- / **Board fabrication** — make a real circuit board from scratch in the lab
- / **Satellite data** — imagery from 4 HSE satellites and international missions



WHY HSE UNIVERSITY?

// Top University in Russia

Ranked among the top 3 in QS, THE, and the national university rankings

// 4 Satellites

Students work with real orbital data and flight-grade hardware

// HSE Space Laboratory

CubeSat development, board fabrication, 3D printing, and embedded systems

// Proven Winter School

Successfully ran in February 2026, now expanded to 3 weeks with 2 field tracks



KEY DETAILS

Dates 日期	July 5 — July 18, 2026
Duration 时长	2 weeks
Schedule 课表	9:30 — 13:00 daily
Location 地点	Moscow, Russia
Language 语言	English
Tracks 方向	Engineering / Remote Sensing
Deadline for application 申请截止日期	May 10, 2026
Price 价格	16 500 RMB

Apply here

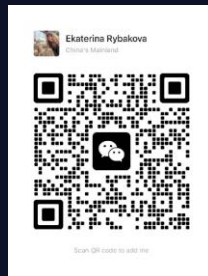


JOIN US THIS SUMMER

今年夏天，加入我们！

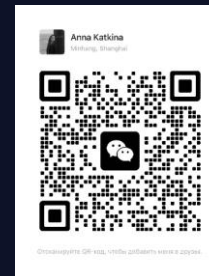
Anna Klinovskaya

aklinovskaya@hse.ru



Ekaterina Rybakova

egrybakova@hse.ru



HSE University International Summer School in Engineering and Remote Sensing Technologies